


GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|----------------------------------|
| 1a  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.49 | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.19 | 5.40 | 4.77 | 4.03a | 3.82 | |
| 3.0m | | 8.49 | 6.99 | 6.01 | 5.27 | 4.68 | 4.07a | 3.78 | 3.42 |
| 2.0m | 10.08b | 8.27 | 6.83 | 5.84 | 5.15 | 4.31a | 4.12 | 3.73 | 3.39 |
| 1.0m | 6.24a | 6.98a | 6.65 | 5.72 | 5.05 | 4.50 | 4.06 | 3.68 | 3.36 |
| 0.0m | 4.92a | 5.49a | 6.53 | 5.66 | 4.99 | 4.45 | 4.01 | 3.65 | |
| -1.0m | 4.85a | 6.36a | 6.52 | 5.64 | 4.96 | 4.43 | 4.00 | 3.65 | |
| -2.0m | 9.57 | 7.79 | 6.57 | 5.67 | 4.99 | 4.47 | | | |
| -3.0m | 9.74 | 7.96 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 4.84 | | | |
| 5.0m | | | 5.10a | 5.46a | 5.57 | 4.91 | 4.32 | | |
| 4.0m | | 7.93a | 7.08a | 6.33 | 5.55 | 4.94 | 4.35 | 3.84 | |
| 3.0m | | 8.59 | 7.27 | 6.28 | 5.53 | 4.93 | 4.34 | 3.84 | 3.43 |
| 2.0m | 10.40 | 8.54 | 7.24 | 6.26 | 5.52 | 4.88 | 4.30 | 3.81 | 3.41 |
| 1.0m | 10.42b | 8.55 | 7.25 | 6.26 | 5.47 | 4.80 | 4.23 | 3.76 | 3.37 |
| 0.0m | 10.22 | 8.39 | 7.09 | 6.12 | 5.35 | 4.69 | 4.14 | 3.70 | |
| -1.0m | 10.05 | 8.23 | 6.96 | 6.01 | 5.21 | 4.58 | 4.07 | 3.66 | |
| -2.0m | 9.96 | 8.15 | 6.85 | 5.86 | 5.10 | 4.51 | | | |
| -3.0m | 9.89 | 8.03 | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 1a  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.05a |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 4.12a |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 6.18r | 4.76a | 4.70a | 4.50a | 4.34a |
| 0.0m | 4.92a | 5.49a | 7.11a | 7.73r | 6.53a | 5.51a | 5.24a | 4.85a | |
| -1.0m | 4.85a | 6.36a | 9.50b | 8.57b | 7.05a | 6.38a | 5.76a | 5.10 | |
| -2.0m | 11.22a | 10.51b | 9.01b | 7.89b | 7.01b | 6.33b | | | |
| -3.0m | 12.81b | 10.72b | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.28a | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.41a | 6.21a | 5.93a | 5.31a | |
| 3.0m | | 9.36b | 9.39b | 8.50b | 7.57r | 6.89r | 6.23b | 5.36a | 4.59a |
| 2.0m | 10.77b | 10.54b | 10.03b | 9.15b | 8.14b | 7.21 | 6.22 | 5.32 | 4.59 |
| 1.0m | 12.06a | 11.44b | 10.59b | 9.41b | 8.37b | 7.21 | 6.18 | 5.26 | 4.54 |
| 0.0m | 13.78b | 12.33a | 10.77b | 9.44b | 8.40b | 7.28 | 6.07 | 5.18 | |
| -1.0m | 15.06b | 12.63b | 10.85b | 9.51b | 8.48b | 7.13 | 5.97 | 5.12 | |
| -2.0m | 15.32b | 12.87b | 11.06b | 9.54b | 8.16b | 6.73b | | | |
| -3.0m | 14.00b | 11.31b | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
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| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
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This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|------------------------------------|
| 1b  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.86 | | | | | |
| 6.0m | | | | 3.91 | 3.35 | 2.89 | | | |
| 5.0m | | | 4.53 | 3.84 | 3.31 | 2.88 | 2.53 | | |
| 4.0m | | 5.23 | 4.34 | 3.71 | 3.22 | 2.82 | 2.49 | 2.21 | |
| 3.0m | | 5.11 | 4.14 | 3.54 | 3.09 | 2.73 | 2.43 | 2.17 | 1.94 |
| 2.0m | 6.21 | 4.89 | 3.98 | 3.37 | 2.97 | 2.64 | 2.36 | 2.12 | 1.91 |
| 1.0m | 5.82 | 4.63 | 3.80 | 3.26 | 2.87 | 2.56 | 2.30 | 2.07 | 1.88 |
| 0.0m | 4.92a | 4.42 | 3.68 | 3.19 | 2.81 | 2.51 | 2.25 | 2.04 | |
| -1.0m | 4.85a | 4.35 | 3.67 | 3.17 | 2.79 | 2.49 | 2.24 | 2.04 | |
| -2.0m | 5.44 | 4.42 | 3.72 | 3.20 | 2.82 | 2.52 | | | |
| -3.0m | 5.62 | 4.58 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.87 | | | | | |
| 6.0m | | | | 3.93 | 3.40 | 2.89 | | | |
| 5.0m | | | 4.54 | 3.90 | 3.40 | 2.97 | 2.55 | | |
| 4.0m | | 5.30 | 4.47 | 3.85 | 3.37 | 2.99 | 2.58 | 2.24 | |
| 3.0m | | 5.21 | 4.41 | 3.81 | 3.35 | 2.98 | 2.58 | 2.23 | 1.95 |
| 2.0m | 6.30 | 5.17 | 4.38 | 3.79 | 3.34 | 2.94 | 2.53 | 2.20 | 1.93 |
| 1.0m | 6.32 | 5.18 | 4.39 | 3.78 | 3.29 | 2.85 | 2.46 | 2.15 | 1.90 |
| 0.0m | 6.08 | 5.00 | 4.23 | 3.64 | 3.17 | 2.74 | 2.38 | 2.10 | |
| -1.0m | 5.91 | 4.86 | 4.10 | 3.54 | 3.03 | 2.63 | 2.31 | 2.05 | |
| -2.0m | 5.83 | 4.78 | 4.00 | 3.39 | 2.93 | 2.56 | | | |
| -3.0m | 5.76 | 4.66 | | | | | | | |

| | | |
|---|-----------|------------------------------------|
| 1b  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.49 | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.19 | 5.40 | 4.77 | 4.03a | 3.82 | |
| 3.0m | | 8.49 | 6.99 | 6.01 | 5.27 | 4.68 | 4.07a | 3.78 | 3.42 |
| 2.0m | 10.08b | 8.27 | 6.83 | 5.84 | 5.15 | 4.31a | 4.12 | 3.73 | 3.39 |
| 1.0m | 6.24a | 6.98a | 6.65 | 5.72 | 5.05 | 4.50 | 4.06 | 3.68 | 3.36 |
| 0.0m | 4.92a | 5.49a | 6.53 | 5.66 | 4.99 | 4.45 | 4.01 | 3.65 | |
| -1.0m | 4.85a | 6.36a | 6.52 | 5.64 | 4.96 | 4.43 | 4.00 | 3.65 | |
| -2.0m | 9.57 | 7.79 | 6.57 | 5.67 | 4.99 | 4.47 | | | |
| -3.0m | 9.74 | 7.96 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 4.84 | | | |
| 5.0m | | | 5.10a | 5.46a | 5.57 | 4.91 | 4.32 | | |
| 4.0m | | 7.93a | 7.08a | 6.33 | 5.55 | 4.94 | 4.35 | 3.84 | |
| 3.0m | | 8.59 | 7.27 | 6.28 | 5.53 | 4.93 | 4.34 | 3.84 | 3.43 |
| 2.0m | 10.40 | 8.54 | 7.24 | 6.26 | 5.52 | 4.88 | 4.30 | 3.81 | 3.41 |
| 1.0m | 10.42b | 8.55 | 7.25 | 6.26 | 5.47 | 4.80 | 4.23 | 3.76 | 3.37 |
| 0.0m | 10.22 | 8.39 | 7.09 | 6.12 | 5.35 | 4.69 | 4.14 | 3.70 | |
| -1.0m | 10.05 | 8.23 | 6.96 | 6.01 | 5.21 | 4.58 | 4.07 | 3.66 | |
| -2.0m | 9.96 | 8.15 | 6.85 | 5.86 | 5.10 | 4.51 | | | |
| -3.0m | 9.89 | 8.03 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
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| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
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| | | |
|---|-----------|----------------------------------|
| 1c  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.86 | | | | | |
| 6.0m | | | | 3.91 | 3.35 | 2.89 | | | |
| 5.0m | | | 4.53 | 3.84 | 3.31 | 2.88 | 2.53 | | |
| 4.0m | | 5.23 | 4.34 | 3.71 | 3.22 | 2.82 | 2.49 | 2.21 | |
| 3.0m | | 5.11 | 4.14 | 3.54 | 3.09 | 2.73 | 2.43 | 2.17 | 1.94 |
| 2.0m | 6.21 | 4.89 | 3.98 | 3.37 | 2.97 | 2.64 | 2.36 | 2.12 | 1.91 |
| 1.0m | 5.82 | 4.63 | 3.80 | 3.26 | 2.87 | 2.56 | 2.30 | 2.07 | 1.88 |
| 0.0m | 4.92a | 4.42 | 3.68 | 3.19 | 2.81 | 2.51 | 2.25 | 2.04 | |
| -1.0m | 4.85a | 4.35 | 3.67 | 3.17 | 2.79 | 2.49 | 2.24 | 2.04 | |
| -2.0m | 5.44 | 4.42 | 3.72 | 3.20 | 2.82 | 2.52 | | | |
| -3.0m | 5.62 | 4.58 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.87 | | | | | |
| 6.0m | | | | 3.93 | 3.40 | 2.89 | | | |
| 5.0m | | | 4.54 | 3.90 | 3.40 | 2.97 | 2.55 | | |
| 4.0m | | 5.30 | 4.47 | 3.85 | 3.37 | 2.99 | 2.58 | 2.24 | |
| 3.0m | | 5.21 | 4.41 | 3.81 | 3.35 | 2.98 | 2.58 | 2.23 | 1.95 |
| 2.0m | 6.30 | 5.17 | 4.38 | 3.79 | 3.34 | 2.94 | 2.53 | 2.20 | 1.93 |
| 1.0m | 6.32 | 5.18 | 4.39 | 3.78 | 3.29 | 2.85 | 2.46 | 2.15 | 1.90 |
| 0.0m | 6.08 | 5.00 | 4.23 | 3.64 | 3.17 | 2.74 | 2.38 | 2.10 | |
| -1.0m | 5.91 | 4.86 | 4.10 | 3.54 | 3.03 | 2.63 | 2.31 | 2.05 | |
| -2.0m | 5.83 | 4.78 | 4.00 | 3.39 | 2.93 | 2.56 | | | |
| -3.0m | 5.76 | 4.66 | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 1c  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.16 | 4.12a | 3.91 | | |
| 4.0m | | 7.43a | 6.77a | 5.89 | 5.05 | 4.40 | 3.87 | 3.44 | |
| 3.0m | | 8.50b | 6.78 | 5.69 | 4.91 | 4.30 | 3.80 | 3.39 | 3.04 |
| 2.0m | 10.08b | 8.25 | 6.59 | 5.50 | 4.77 | 4.19 | 3.72 | 3.34 | 3.01 |
| 1.0m | 6.24a | 6.98a | 6.38 | 5.37 | 4.66 | 4.10 | 3.66 | 3.29 | 2.97 |
| 0.0m | 4.92a | 5.49a | 6.24 | 5.29 | 4.59 | 4.05 | 3.61 | 3.25 | |
| -1.0m | 4.85a | 6.36a | 6.22 | 5.27 | 4.57 | 4.02 | 3.59 | 3.25 | |
| -2.0m | 9.86 | 7.68 | 6.28 | 5.31 | 4.60 | 4.06 | | | |
| -3.0m | 10.08 | 7.88 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|------|------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.24 | 4.48 | | | |
| 5.0m | | | 5.10a | 5.46a | 5.25 | 4.56 | 3.94 | | |
| 4.0m | | 7.93a | 7.04a | 6.05 | 5.22 | 4.58 | 3.97 | 3.46 | |
| 3.0m | | 8.62 | 7.09 | 6.00 | 5.19 | 4.58 | 3.97 | 3.46 | 3.04 |
| 2.0m | 10.77b | 8.57 | 7.06 | 5.98 | 5.19 | 4.53 | 3.92 | 3.43 | 3.03 |
| 1.0m | 10.85 | 8.58 | 7.07 | 5.97 | 5.13 | 4.43 | 3.84 | 3.37 | 2.99 |
| 0.0m | 10.67 | 8.39 | 6.88 | 5.81 | 5.00 | 4.30 | 3.75 | 3.31 | |
| -1.0m | 10.45 | 8.21 | 6.73 | 5.69 | 4.84 | 4.18 | 3.67 | 3.26 | |
| -2.0m | 10.35 | 8.11 | 6.61 | 5.52 | 4.72 | 4.11 | | | |
| -3.0m | 10.26 | 7.97 | | | | | | | |


| | |
|--------------|--|
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| 1d  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.05a |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 4.12a |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 6.18r | 4.76a | 4.70a | 4.50a | 4.34a |
| 0.0m | 4.92a | 5.49a | 7.11a | 7.73r | 6.53a | 5.51a | 5.24a | 4.85a | |
| -1.0m | 4.85a | 6.36a | 9.50b | 8.57b | 7.05a | 6.38a | 5.76a | 5.10 | |
| -2.0m | 11.22a | 10.51b | 9.01b | 7.89b | 7.01b | 6.33b | | | |
| -3.0m | 12.81b | 10.72b | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.28a | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.41a | 6.21a | 5.93a | 5.31a | |
| 3.0m | | 9.36b | 9.39b | 8.50b | 7.57r | 6.89r | 6.23b | 5.36a | 4.59a |
| 2.0m | 10.77b | 10.54b | 10.03b | 9.15b | 8.14b | 7.21 | 6.22 | 5.32 | 4.59 |
| 1.0m | 12.06a | 11.44b | 10.59b | 9.41b | 8.37b | 7.21 | 6.18 | 5.26 | 4.54 |
| 0.0m | 13.78b | 12.33a | 10.77b | 9.44b | 8.40b | 7.28 | 6.07 | 5.18 | |
| -1.0m | 15.06b | 12.63b | 10.85b | 9.51b | 8.48b | 7.13 | 5.97 | 5.12 | |
| -2.0m | 15.32b | 12.87b | 11.06b | 9.54b | 8.16b | 6.73b | | | |
| -3.0m | 14.00b | 11.31b | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 1d  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.49 | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.19 | 5.40 | 4.77 | 4.03a | 3.82 | |
| 3.0m | | 8.49 | 6.99 | 6.01 | 5.27 | 4.68 | 4.07a | 3.78 | 3.42 |
| 2.0m | 10.08b | 8.27 | 6.83 | 5.84 | 5.15 | 4.31a | 4.12 | 3.73 | 3.39 |
| 1.0m | 6.24a | 6.98a | 6.65 | 5.72 | 5.05 | 4.50 | 4.06 | 3.68 | 3.36 |
| 0.0m | 4.92a | 5.49a | 6.53 | 5.66 | 4.99 | 4.45 | 4.01 | 3.65 | |
| -1.0m | 4.85a | 6.36a | 6.52 | 5.64 | 4.96 | 4.43 | 4.00 | 3.65 | |
| -2.0m | 9.57 | 7.79 | 6.57 | 5.67 | 4.99 | 4.47 | | | |
| -3.0m | 9.74 | 7.96 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 4.84 | | | |
| 5.0m | | | 5.10a | 5.46a | 5.57 | 4.91 | 4.32 | | |
| 4.0m | | 7.93a | 7.08a | 6.33 | 5.55 | 4.94 | 4.35 | 3.84 | |
| 3.0m | | 8.59 | 7.27 | 6.28 | 5.53 | 4.93 | 4.34 | 3.84 | 3.43 |
| 2.0m | 10.40 | 8.54 | 7.24 | 6.26 | 5.52 | 4.88 | 4.30 | 3.81 | 3.41 |
| 1.0m | 10.42b | 8.55 | 7.25 | 6.26 | 5.47 | 4.80 | 4.23 | 3.76 | 3.37 |
| 0.0m | 10.22 | 8.39 | 7.09 | 6.12 | 5.35 | 4.69 | 4.14 | 3.70 | |
| -1.0m | 10.05 | 8.23 | 6.96 | 6.01 | 5.21 | 4.58 | 4.07 | 3.66 | |
| -2.0m | 9.96 | 8.15 | 6.85 | 5.86 | 5.10 | 4.51 | | | |
| -3.0m | 9.89 | 8.03 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 4 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|----------------------------------|
| 1e  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.05a |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 4.12a |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 6.18r | 4.76a | 4.70a | 4.50a | 4.34a |
| 0.0m | 4.92a | 5.49a | 7.11a | 7.73r | 6.53a | 5.51a | 5.24a | 4.85a | |
| -1.0m | 4.85a | 6.36a | 9.50b | 8.57b | 7.05a | 6.38a | 5.76a | 5.25a | |
| -2.0m | 11.22a | 10.51b | 9.01b | 7.89b | 7.01b | 6.33b | | | |
| -3.0m | 12.81b | 10.72b | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.28a | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.41a | 6.21a | 5.93a | 5.31a | |
| 3.0m | | 9.36b | 9.39b | 8.50b | 7.57r | 6.89r | 6.37r | 5.93a | 4.59a |
| 2.0m | 10.77b | 10.54b | 10.03b | 9.15b | 8.14b | 7.32b | 6.68b | 6.20r | 5.44a |
| 1.0m | 12.06a | 11.44b | 10.59b | 9.41b | 8.37b | 7.54b | 6.86b | 6.29b | 5.63a |
| 0.0m | 13.78b | 12.33a | 10.77b | 9.44b | 8.40b | 7.56b | 6.89b | 6.25b | |
| -1.0m | 15.06b | 12.63b | 10.85b | 9.51b | 8.48b | 7.65b | 6.72b | 5.47b | |
| -2.0m | 15.32b | 12.87b | 11.06b | 9.54b | 8.16b | 6.73b | | | |
| -3.0m | 14.00b | 11.31b | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 1e  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.04a | | | | | |
| 6.0m | | | | 5.32a | 4.91a | 4.44a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.52a | 4.14a | 4.13a | | |
| 4.0m | | 7.48a | 6.80a | 6.44b | 5.70b | 4.97a | 4.06a | 4.02a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.79a | 4.11a | 4.08a | 3.80 |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.35a | 4.34a | 4.14 | 3.77 |
| 1.0m | 6.23a | 6.98a | 7.27b | 6.38 | 5.62 | 4.83a | 4.51 | 4.09 | 3.74 |
| 0.0m | 4.91a | 5.47a | 7.12a | 6.32 | 5.56 | 4.96 | 4.47 | 4.06 | |
| -1.0m | 4.89a | 6.39a | 7.29 | 6.30 | 5.54 | 4.94 | 4.45 | 4.06 | |
| -2.0m | 10.75 | 8.73 | 7.34 | 6.33 | 5.56 | 4.98 | | | |
| -3.0m | 10.93 | 8.90 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.15a | | | |
| 5.0m | | | 5.11a | 5.47a | 5.58a | 5.40a | 4.77 | | |
| 4.0m | | 8.00a | 7.12a | 6.66a | 6.09 | 5.42 | 4.80 | 4.26 | |
| 3.0m | | 9.37b | 7.97 | 6.89 | 6.06 | 5.41 | 4.79 | 4.25 | 3.80 |
| 2.0m | 10.79b | 9.38 | 7.93 | 6.87 | 6.05 | 5.38 | 4.75 | 4.22 | 3.78 |
| 1.0m | 11.48 | 9.39 | 7.94 | 6.88 | 6.04 | 5.30 | 4.68 | 4.17 | 3.75 |
| 0.0m | 11.41 | 9.33 | 7.87 | 6.78 | 5.93 | 5.19 | 4.60 | 4.11 | |
| -1.0m | 11.24 | 9.18 | 7.74 | 6.67 | 5.79 | 5.09 | 4.52 | 4.07 | |
| -2.0m | 11.15 | 9.10 | 7.62 | 6.52 | 5.68 | 5.02 | | | |
| -3.0m | 11.08 | 8.98 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 5 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|----------------------------------|
| 1f  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.05a |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 4.12a |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 6.18r | 4.76a | 4.70a | 4.50a | 4.15 |
| 0.0m | 4.92a | 5.49a | 7.11a | 7.73r | 6.53a | 5.51a | 5.24a | 4.74 | |
| -1.0m | 4.85a | 6.36a | 9.50b | 8.57b | 7.05a | 6.38a | 5.54 | 4.74 | |
| -2.0m | 11.22a | 10.51b | 9.01b | 7.89b | 7.01b | 6.33b | | | |
| -3.0m | 12.81b | 10.72b | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.28a | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.41a | 6.21a | 5.93a | 5.04 | |
| 3.0m | | 9.36b | 9.39b | 8.50b | 7.57r | 6.89r | 6.02 | 5.04 | 4.25 |
| 2.0m | 10.77b | 10.54b | 10.03b | 9.15b | 8.14b | 7.08 | 6.01a | 4.99 | 4.22 |
| 1.0m | 12.06a | 11.44b | 10.59b | 9.41b | 8.37b | 7.09 | 5.91 | 4.92 | 4.17 |
| 0.0m | 13.78b | 12.33a | 10.77b | 9.44b | 8.40b | 7.13 | 5.78 | 4.83 | |
| -1.0m | 15.06b | 12.63b | 10.85b | 9.51b | 8.48b | 6.95 | 5.67 | 4.76 | |
| -2.0m | 15.32b | 12.87b | 11.06b | 9.54b | 8.16b | 6.73b | | | |
| -3.0m | 14.00b | 11.31b | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 1f  | DUTY | LEVEL ROAD @ 71% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 3.80 |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.14 | 3.77 |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.38 | 5.62 | 4.76a | 4.51 | 4.09 | 3.74 |
| 0.0m | 4.92a | 5.49a | 7.11a | 6.32 | 5.56 | 4.96 | 4.47 | 4.06 | |
| -1.0m | 4.85a | 6.36a | 7.29 | 6.29 | 5.54 | 4.94 | 4.45 | 4.06 | |
| -2.0m | 10.75 | 8.73 | 7.34 | 6.33 | 5.56 | 4.98 | | | |
| -3.0m | 10.93 | 8.90 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.40 | 4.77 | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.09 | 5.42 | 4.80 | 4.26 | |
| 3.0m | | 9.36b | 7.97 | 6.89b | 6.06 | 5.41 | 4.79 | 4.25 | 3.80 |
| 2.0m | 10.77b | 9.38 | 7.93b | 6.87 | 6.05 | 5.38 | 4.75 | 4.22 | 3.78 |
| 1.0m | 11.48 | 9.39b | 7.94 | 6.88 | 6.04 | 5.30 | 4.68 | 4.17 | 3.75 |
| 0.0m | 11.42 | 9.33 | 7.87 | 6.78 | 5.93 | 5.19 | 4.60 | 4.11 | |
| -1.0m | 11.24 | 9.18 | 7.74 | 6.67 | 5.78 | 5.09 | 4.53 | 4.07 | |
| -2.0m | 11.15 | 9.10 | 7.63 | 6.52 | 5.68 | 5.02 | | | |
| -3.0m | 11.08 | 8.97 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 6 Of 38 |

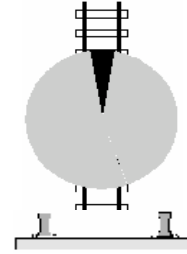
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 2a  | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|------|-------|------|------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.22 | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.18 | 4.10a | 4.03 | | |
| 4.0m | | 8.23 | 6.81 | 5.83 | 5.08 | 4.48 | 3.99 | 3.58 | |
| 3.0m | | 8.09 | 6.63 | 5.66 | 4.96 | 4.13a | 3.93 | 3.54 | 3.20 |
| 2.0m | 9.79a | 7.86 | 6.47 | 5.51 | 4.84 | 4.30 | 3.86 | 3.49 | 3.17 |
| 1.0m | 5.82a | 6.52a | 6.30 | 5.40 | 4.75 | 4.23 | 3.80 | 3.45 | 3.14 |
| 0.0m | 4.81a | 5.34a | 6.20 | 5.35 | 4.70 | 4.19 | 3.77 | 3.42 | |
| -1.0m | 5.85a | 7.40 | 6.20 | 5.34 | 4.69 | 4.17 | 3.76 | | |
| -2.0m | 9.25 | 7.48 | 6.26 | 5.39 | 4.73 | | | | |
| -3.0m | 9.50 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|-------|-------|------|------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.28 | 4.59 | | | |
| 5.0m | | | 5.28a | 5.58a | 5.27 | 4.65 | 4.07 | | |
| 4.0m | | 8.30 | 6.96 | 5.99 | 5.24 | 4.65 | 4.09 | 3.61 | |
| 3.0m | | 8.22 | 6.91 | 5.95 | 5.22 | 4.65 | 4.08 | 3.60 | 3.21 |
| 2.0m | 10.08 | 8.19 | 6.89 | 5.94 | 5.22 | 4.59 | 4.03 | 3.57 | 3.19 |
| 1.0m | 10.07 | 8.19 | 6.88 | 5.90 | 5.14 | 4.50 | 3.96 | 3.52 | 3.16 |
| 0.0m | 9.82 | 7.99 | 6.72 | 5.77 | 5.04 | 4.39 | 3.88 | 3.46 | |
| -1.0m | 9.67 | 7.86 | 6.60 | 5.67 | 4.90 | 4.29 | 3.82 | | |
| -2.0m | 9.60 | 7.79 | 6.49 | 5.53 | 4.81 | | | | |
| -3.0m | 9.52 | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 2a  | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-----------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.01 |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83f | 6.29 | 4.94a | 4.81a | 4.40 3.98 | |
| 0.0m | 4.81a | 5.34a | 7.66a | 7.24 | 5.97a | 5.47 | 4.86 | 4.37 | |
| -1.0m | 5.85a | 7.54a | 8.62 | 7.23 | 6.22 | 5.45 | 4.85 | | |
| -2.0m | 12.62b | 10.54b | 8.70 | 7.28 | 6.27 | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

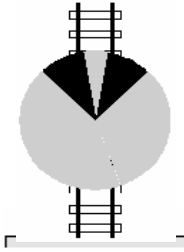
| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.18 | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.72 | 5.90 | 5.20 | 4.57 | |
| 3.0m | | 9.53b | 9.19 | 7.75 | 6.69 | 5.88 | 5.19 | 4.57 | 4.05 |
| 2.0m | 11.07a | 10.85b | 9.15 | 7.73 | 6.68b | 5.89 | 5.14 | 4.53 | 4.03 |
| 1.0m | 12.39b | 11.22b | 9.17 | 7.74 | 6.71 | 5.81 | 5.07 | 4.48 | 3.99 |
| 0.0m | 14.12b | 11.30 | 9.23 | 7.73 | 6.61 | 5.70 | 4.98 | 4.42 | |
| -1.0m | 14.68 | 11.26 | 9.11 | 7.61 | 6.46 | 5.59 | 4.91 | | |
| -2.0m | 14.62 | 11.18 | 8.97 | 7.45 | 6.36 | | | | |
| -3.0m | 13.02b | | | | | | | | |

| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 7 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |



0-50mm

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|-----------|-----------|--------------------------------------|
| 2b | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.29 | | | | | |
| 6.0m | | | | 3.30 | 2.84 | 2.46 | | | |
| 5.0m | | | 3.78 | 3.23 | 2.79 | 2.44 | 2.14 | | |
| 4.0m | | 4.35 | 3.60 | 3.10 | 2.70 | 2.38 | 2.10 | 1.87 | |
| 3.0m | | 4.22 | 3.44 | 2.94 | 2.59 | 2.29 | 2.04 | 1.83 | 1.64 |
| 2.0m | 5.06 | 4.02 | 3.29 | 2.80 | 2.48 | 2.21 | 1.98 | 1.79 | 1.61 |
| 1.0m | 4.71 | 3.79 | 3.13 | 2.71 | 2.40 | 2.14 | 1.93 | 1.75 | 1.59 |
| 0.0m | 4.46 | 3.62 | 3.05 | 2.66 | 2.35 | 2.10 | 1.89 | 1.72 | |
| -1.0m | 4.39 | 3.60 | 3.05 | 2.65 | 2.34 | 2.09 | 1.89 | | |
| -2.0m | 4.47 | 3.67 | 3.11 | 2.69 | 2.38 | | | | |
| -3.0m | 4.69 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.31 | | | | | |
| 6.0m | | | | 3.32 | 2.89 | 2.48 | | | |
| 5.0m | | | 3.81 | 3.29 | 2.88 | 2.54 | 2.18 | | |
| 4.0m | | 4.41 | 3.75 | 3.25 | 2.85 | 2.54 | 2.20 | 1.90 | |
| 3.0m | | 4.34 | 3.70 | 3.21 | 2.83 | 2.54 | 2.19 | 1.89 | 1.65 |
| 2.0m | 5.20 | 4.31 | 3.67 | 3.20 | 2.83 | 2.48 | 2.14 | 1.86 | 1.63 |
| 1.0m | 5.19 | 4.31 | 3.67 | 3.17 | 2.76 | 2.40 | 2.07 | 1.81 | 1.60 |
| 0.0m | 4.97 | 4.13 | 3.52 | 3.05 | 2.66 | 2.29 | 2.00 | 1.76 | |
| -1.0m | 4.84 | 4.01 | 3.42 | 2.95 | 2.53 | 2.20 | 1.94 | | |
| -2.0m | 4.78 | 3.96 | 3.31 | 2.82 | 2.45 | | | | |
| -3.0m | 4.71 | | | | | | | | |

| | | |
|-----------|-----------|--------------------------------------|
| 2b | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.36 | | | | | |
| 6.0m | | | | 4.37 | 3.77 | 3.27 | | | |
| 5.0m | | | 5.05 | 4.30 | 3.72 | 3.25 | 2.87 | | |
| 4.0m | | 5.88 | 4.86 | 4.16 | 3.62 | 3.19 | 2.83 | 2.53 | |
| 3.0m | | 5.74 | 4.68 | 4.00 | 3.50 | 3.10 | 2.77 | 2.48 | 2.24 |
| 2.0m | 6.98 | 5.53 | 4.53 | 3.85 | 3.39 | 3.01 | 2.70 | 2.44 | 2.21 |
| 1.0m | 5.82a | 5.28 | 4.36 | 3.75 | 3.30 | 2.94 | 2.65 | 2.40 | 2.18 |
| 0.0m | 4.81a | 5.10 | 4.27 | 3.70 | 3.25 | 2.90 | 2.61 | 2.37 | |
| -1.0m | 5.85a | 5.08 | 4.27 | 3.69 | 3.24 | 2.89 | 2.60 | | |
| -2.0m | 6.35 | 5.15 | 4.33 | 3.73 | 3.29 | | | | |
| -3.0m | 6.59 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.38 | | | | | |
| 6.0m | | | | 4.40 | 3.82 | 3.29 | | | |
| 5.0m | | | 5.08 | 4.36 | 3.81 | 3.36 | 2.91 | | |
| 4.0m | | 5.95 | 5.01 | 4.32 | 3.78 | 3.36 | 2.93 | 2.56 | |
| 3.0m | | 5.87 | 4.96 | 4.28 | 3.76 | 3.36 | 2.91 | 2.55 | 2.25 |
| 2.0m | 7.14 | 5.84 | 4.93 | 4.27 | 3.76 | 3.30 | 2.87 | 2.52 | 2.22 |
| 1.0m | 7.13 | 5.84 | 4.93 | 4.23 | 3.68 | 3.21 | 2.80 | 2.47 | 2.19 |
| 0.0m | 6.89 | 5.65 | 4.77 | 4.11 | 3.58 | 3.10 | 2.72 | 2.41 | |
| -1.0m | 6.75 | 5.52 | 4.66 | 4.00 | 3.44 | 3.01 | 2.66 | | |
| -2.0m | 6.69 | 5.46 | 4.55 | 3.87 | 3.36 | | | | |
| -3.0m | 6.60 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 8 Of 38 |

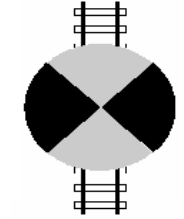
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 2c  | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.93 | | | | | |
| 6.0m | | | | 2.94 | 2.52 | 2.18 | | | |
| 5.0m | | | 3.36 | 2.87 | 2.48 | 2.16 | 1.90 | | |
| 4.0m | | 3.83 | 3.18 | 2.74 | 2.39 | 2.10 | 1.86 | 1.65 | |
| 3.0m | | 3.71 | 3.02 | 2.59 | 2.28 | 2.02 | 1.80 | 1.61 | 1.44 |
| 2.0m | 4.42 | 3.51 | 2.88 | 2.45 | 2.17 | 1.94 | 1.74 | 1.57 | 1.41 |
| 1.0m | 4.08 | 3.29 | 2.73 | 2.36 | 2.09 | 1.87 | 1.69 | 1.53 | 1.39 |
| 0.0m | 3.84 | 3.13 | 2.64 | 2.31 | 2.05 | 1.83 | 1.65 | 1.50 | |
| -1.0m | 3.78 | 3.11 | 2.64 | 2.30 | 2.03 | 1.82 | 1.65 | | |
| -2.0m | 3.85 | 3.18 | 2.70 | 2.34 | 2.08 | | | | |
| -3.0m | 4.07 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.94 | | | | | |
| 6.0m | | | | 2.96 | 2.58 | 2.20 | | | |
| 5.0m | | | 3.38 | 2.93 | 2.57 | 2.26 | 1.93 | | |
| 4.0m | | 3.89 | 3.32 | 2.88 | 2.54 | 2.26 | 1.95 | 1.68 | |
| 3.0m | | 3.83 | 3.27 | 2.85 | 2.52 | 2.26 | 1.94 | 1.67 | 1.45 |
| 2.0m | 4.56 | 3.80 | 3.25 | 2.84 | 2.52 | 2.21 | 1.90 | 1.64 | 1.43 |
| 1.0m | 4.54 | 3.80 | 3.24 | 2.81 | 2.45 | 2.12 | 1.83 | 1.59 | 1.40 |
| 0.0m | 4.33 | 3.63 | 3.10 | 2.69 | 2.35 | 2.02 | 1.76 | 1.54 | |
| -1.0m | 4.21 | 3.51 | 3.00 | 2.59 | 2.22 | 1.93 | 1.70 | | |
| -2.0m | 4.15 | 3.46 | 2.90 | 2.47 | 2.14 | | | | |
| -3.0m | 4.08 | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 2c  | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.07 | | | | | |
| 6.0m | | | | 4.08 | 3.51 | 3.04 | | | |
| 5.0m | | | 4.71 | 4.01 | 3.46 | 3.02 | 2.66 | | |
| 4.0m | | 5.48 | 4.52 | 3.87 | 3.36 | 2.96 | 2.62 | 2.33 | |
| 3.0m | | 5.35 | 4.35 | 3.71 | 3.24 | 2.87 | 2.56 | 2.29 | 2.06 |
| 2.0m | 6.50 | 5.13 | 4.19 | 3.56 | 3.13 | 2.78 | 2.49 | 2.25 | 2.03 |
| 1.0m | 5.82a | 4.88 | 4.03 | 3.46 | 3.04 | 2.71 | 2.44 | 2.20 | 2.00 |
| 0.0m | 4.81a | 4.70 | 3.94 | 3.40 | 3.00 | 2.67 | 2.40 | 2.18 | |
| -1.0m | 5.78 | 4.68 | 3.93 | 3.39 | 2.98 | 2.66 | 2.39 | | |
| -2.0m | 5.86 | 4.76 | 3.99 | 3.44 | 3.03 | | | | |
| -3.0m | 6.11 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.09 | | | | | |
| 6.0m | | | | 4.10 | 3.56 | 3.06 | | | |
| 5.0m | | | 4.74 | 4.07 | 3.55 | 3.12 | 2.70 | | |
| 4.0m | | 5.55 | 4.67 | 4.02 | 3.52 | 3.13 | 2.72 | 2.37 | |
| 3.0m | | 5.47 | 4.62 | 3.99 | 3.50 | 3.13 | 2.70 | 2.36 | 2.07 |
| 2.0m | 6.66 | 5.44 | 4.60 | 3.98 | 3.50 | 3.07 | 2.66 | 2.32 | 2.05 |
| 1.0m | 6.64 | 5.45 | 4.59 | 3.94 | 3.43 | 2.98 | 2.59 | 2.27 | 2.02 |
| 0.0m | 6.41 | 5.25 | 4.43 | 3.81 | 3.32 | 2.87 | 2.51 | 2.22 | |
| -1.0m | 6.26 | 5.12 | 4.32 | 3.71 | 3.19 | 2.78 | 2.45 | | |
| -2.0m | 6.20 | 5.06 | 4.21 | 3.58 | 3.10 | | | | |
| -3.0m | 6.12 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 9 Of 38 |

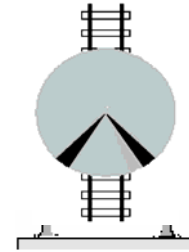
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 2d  | RAIL | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.08 | | | | | |
| 6.0m | | | | 4.09 | 3.56 | 3.12 | | | |
| 5.0m | | | 4.65 | 4.02 | 3.52 | 3.11 | 2.76 | | |
| 4.0m | | 5.31 | 4.48 | 3.89 | 3.43 | 3.05 | 2.73 | 2.45 | |
| 3.0m | | 5.19 | 4.32 | 3.75 | 3.32 | 2.96 | 2.67 | 2.41 | 2.18 |
| 2.0m | 6.15 | 5.00 | 4.18 | 3.61 | 3.21 | 2.88 | 2.61 | 2.37 | 2.16 |
| 1.0m | 5.82a | 4.79 | 4.04 | 3.52 | 3.14 | 2.82 | 2.56 | 2.33 | 2.13 |
| 0.0m | 4.81a | 4.63 | 3.96 | 3.47 | 3.09 | 2.78 | 2.52 | 2.31 | |
| -1.0m | 5.53 | 4.61 | 3.95 | 3.46 | 3.08 | 2.77 | 2.52 | | |
| -2.0m | 5.61 | 4.68 | 4.01 | 3.51 | 3.12 | | | | |
| -3.0m | 5.81 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.09 | | | | | |
| 6.0m | | | | 4.10 | 3.61 | 3.14 | | | |
| 5.0m | | | 4.68 | 4.07 | 3.60 | 3.20 | 2.80 | | |
| 4.0m | | 5.37 | 4.61 | 4.03 | 3.58 | 3.20 | 2.82 | 2.48 | |
| 3.0m | | 5.30 | 4.57 | 4.00 | 3.56 | 3.20 | 2.80 | 2.47 | 2.19 |
| 2.0m | 6.28 | 5.28 | 4.55 | 3.99 | 3.56 | 3.15 | 2.76 | 2.44 | 2.17 |
| 1.0m | 6.27 | 5.28 | 4.54 | 3.96 | 3.49 | 3.07 | 2.70 | 2.39 | 2.14 |
| 0.0m | 6.07 | 5.11 | 4.40 | 3.84 | 3.39 | 2.97 | 2.63 | 2.34 | |
| -1.0m | 5.95 | 5.00 | 4.30 | 3.75 | 3.27 | 2.88 | 2.57 | | |
| -2.0m | 5.89 | 4.95 | 4.20 | 3.63 | 3.19 | | | | |
| -3.0m | 5.83 | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 2d  | RAIL | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.47 | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.23 | 6.18 | 5.37 | 4.74 | 4.05a | 3.78 | |
| 3.0m | | 8.48b | 7.04 | 6.01 | 5.25 | 4.13a | 4.11a | 3.74 | 3.39 |
| 2.0m | 9.79a | 8.37 | 6.88 | 5.85 | 5.13 | 4.36a | 4.08 | 3.69 | 3.36 |
| 1.0m | 5.82a | 6.52a | 6.70 | 5.74 | 5.04 | 4.48 | 4.03 | 3.65 | 3.33 |
| 0.0m | 4.81a | 5.34a | 6.61 | 5.69 | 4.99 | 4.44 | 3.99 | 3.62 | |
| -1.0m | 5.85a | 7.54a | 6.61 | 5.68 | 4.98 | 4.43 | 3.99 | | |
| -2.0m | 9.92 | 7.98 | 6.67 | 5.73 | 5.02 | | | | |
| -3.0m | 10.18 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|------|-------|-------|-------|------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 4.84 | | | |
| 5.0m | | | 5.28a | 5.58a | 5.57 | 4.90 | 4.30 | | |
| 4.0m | | 8.80 | 7.38 | 6.34 | 5.54 | 4.91 | 4.32 | 3.81 | |
| 3.0m | | 8.71 | 7.32 | 6.30 | 5.52 | 4.90 | 4.30 | 3.81 | 3.39 |
| 2.0m | 10.69b | 8.68 | 7.30 | 6.29 | 5.52 | 4.85 | 4.26 | 3.77 | 3.37 |
| 1.0m | 10.71 | 8.70 | 7.30 | 6.25 | 5.44 | 4.76 | 4.19 | 3.72 | 3.34 |
| 0.0m | 10.50 | 8.51 | 7.13 | 6.12 | 5.33 | 4.65 | 4.11 | 3.67 | |
| -1.0m | 10.34 | 8.37 | 7.02 | 6.01 | 5.19 | 4.55 | 4.04 | | |
| -2.0m | 10.28 | 8.31 | 6.90 | 5.87 | 5.10 | | | | |
| -3.0m | 10.19 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 10 Of 38 |

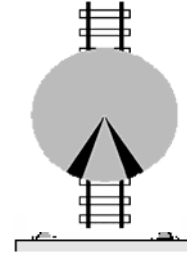
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 2e  | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.37 | 4.10a | 4.10a | | |
| 4.0m | | 8.22 | 6.92 | 6.00 | 5.28 | 4.70 | 4.05a | 3.81 | |
| 3.0m | | 8.09 | 6.76 | 5.85 | 5.17 | 4.13a | 4.11a | 3.77 | 3.43 |
| 2.0m | 9.70 | 7.89 | 6.61 | 5.71 | 5.06 | 4.36a | 4.09 | 3.72 | 3.40 |
| 1.0m | 5.82a | 6.52a | 6.45 | 5.61 | 4.98 | 4.47 | 4.04 | 3.68 | 3.38 |
| 0.0m | 4.81a | 5.34a | 6.37 | 5.56 | 4.93 | 4.42 | 4.01 | 3.66 | |
| -1.0m | 5.85a | 7.47 | 6.37 | 5.55 | 4.92 | 4.41 | 4.00 | | |
| -2.0m | 9.12 | 7.54 | 6.43 | 5.60 | 4.96 | | | | |
| -3.0m | 9.34 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|-------|-------|------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.43a | 4.80 | | | |
| 5.0m | | | 5.28a | 5.58a | 5.46 | 4.85 | 4.29 | | |
| 4.0m | | 8.28 | 7.07 | 6.15 | 5.44 | 4.86 | 4.31 | 3.84 | |
| 3.0m | | 8.21 | 7.01 | 6.12 | 5.42 | 4.85 | 4.30 | 3.83 | 3.44 |
| 2.0m | 9.85 | 8.18 | 6.99 | 6.10 | 5.42 | 4.80 | 4.25 | 3.80 | 3.42 |
| 1.0m | 9.84 | 8.19 | 6.99 | 6.07 | 5.34 | 4.72 | 4.19 | 3.75 | 3.39 |
| 0.0m | 9.62 | 8.01 | 6.84 | 5.95 | 5.24 | 4.62 | 4.11 | 3.70 | |
| -1.0m | 9.49 | 7.89 | 6.74 | 5.85 | 5.11 | 4.53 | 4.05 | | |
| -2.0m | 9.43 | 7.83 | 6.63 | 5.73 | 5.03 | | | | |
| -3.0m | 9.35 | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 2e  | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 7.49 | 5.97a | 5.63a | 5.29 | 4.81 | |
| -1.0m | 5.85a | 7.54a | 8.68 | 7.48 | 6.57 | 5.86 | 5.28 | | |
| -2.0m | 12.62b | 10.41 | 8.74 | 7.53 | 6.62 | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.22b | 5.58 | 4.99 | |
| 3.0m | | 9.53b | 9.15b | 7.91 | 6.95 | 6.20 | 5.57 | 4.98 | 4.48 |
| 2.0m | 11.07a | 10.80 | 9.12b | 7.88 | 6.94 | 6.20 | 5.54a | 4.95 | 4.46 |
| 1.0m | 12.39b | 10.82 | 9.13 | 7.90 | 6.96 | 6.17 | 5.47 | 4.90 | 4.43 |
| 0.0m | 13.35 | 10.89 | 9.19 | 7.91 | 6.91 | 6.07 | 5.40 | 4.85 | |
| -1.0m | 13.27 | 10.79 | 9.08 | 7.81 | 6.78 | 5.98 | 5.34 | | |
| -2.0m | 13.20 | 10.73 | 8.96 | 7.67 | 6.69 | | | | |
| -3.0m | 13.02b | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 11 Of 38 |

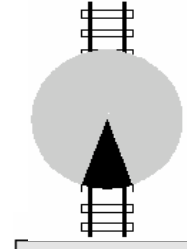
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 2f  | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.98b | 6.44b | 6.03a | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.19b | 9.23b | 8.21b | 7.39r | 6.74r | 6.23b | 5.54a |
| 1.0m | 12.39b | 11.63b | 10.65b | 9.41b | 8.38b | 7.54b | 6.86b | 6.30b | 5.54a |
| 0.0m | 14.12b | 12.46b | 10.78b | 9.45b | 8.41b | 7.57b | 6.91b | 6.19b | |
| -1.0m | 15.13b | 12.66b | 10.88b | 9.54b | 8.53b | 7.60b | 6.55b | | |
| -2.0m | 15.38b | 12.90b | 10.95b | 9.32b | 7.83b | | | | |
| -3.0m | 13.02b | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 2f  | DUTY | 0 to 50mm CANT @ 66% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.98b | 6.44b | 6.03a | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.19b | 9.23b | 8.21b | 7.39r | 6.74r | 6.23b | 5.54a |
| 1.0m | 12.39b | 11.63b | 10.65b | 9.41b | 8.38b | 7.54b | 6.86b | 6.30b | 5.54a |
| 0.0m | 14.12b | 12.46b | 10.78b | 9.45b | 8.41b | 7.57b | 6.91b | 6.19b | |
| -1.0m | 15.13b | 12.66b | 10.88b | 9.54b | 8.53b | 7.60b | 6.55b | | |
| -2.0m | 15.38b | 12.90b | 10.95b | 9.32b | 7.83b | | | | |
| -3.0m | 13.02b | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 12 Of 38 |

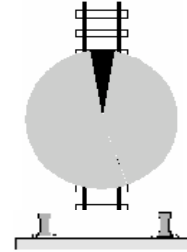
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 3a  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.84 | | | | | |
| 6.0m | | | | 4.85 | 4.20 | 3.67 | | | |
| 5.0m | | | 5.21a | 4.77 | 4.15 | 3.65 | 3.24 | | |
| 4.0m | | 6.46 | 5.39 | 4.64 | 4.06 | 3.59 | 3.20 | 2.87 | |
| 3.0m | | 6.33 | 5.22 | 4.48 | 3.94 | 3.50 | 3.14 | 2.83 | 2.56 |
| 2.0m | 7.65 | 6.12 | 5.07 | 4.34 | 3.83 | 3.42 | 3.07 | 2.78 | 2.53 |
| 1.0m | 5.82a | 5.88 | 4.91 | 4.24 | 3.75 | 3.35 | 3.02 | 2.74 | 2.50 |
| 0.0m | 4.81a | 5.34a | 4.82 | 4.19 | 3.70 | 3.31 | 2.99 | 2.72 | |
| -1.0m | 5.85a | 5.69 | 4.82 | 4.18 | 3.69 | 3.30 | 2.98 | | |
| -2.0m | 7.04 | 5.76 | 4.88 | 4.22 | 3.73 | | | | |
| -3.0m | 7.27 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.85 | | | | | |
| 6.0m | | | | 4.87 | 4.25 | 3.69 | | | |
| 5.0m | | | 5.28a | 4.84 | 4.24 | 3.75 | 3.28 | | |
| 4.0m | | 6.53 | 5.53 | 4.79 | 4.22 | 3.76 | 3.30 | 2.90 | |
| 3.0m | | 6.46 | 5.48 | 4.76 | 4.19 | 3.76 | 3.28 | 2.89 | 2.57 |
| 2.0m | 7.79 | 6.43 | 5.46 | 4.74 | 4.20 | 3.70 | 3.24 | 2.86 | 2.55 |
| 1.0m | 7.78 | 6.43 | 5.45 | 4.71 | 4.12 | 3.61 | 3.17 | 2.81 | 2.51 |
| 0.0m | 7.55 | 6.24 | 5.30 | 4.59 | 4.02 | 3.51 | 3.09 | 2.76 | |
| -1.0m | 7.42 | 6.12 | 5.19 | 4.49 | 3.89 | 3.41 | 3.03 | | |
| -2.0m | 7.36 | 6.06 | 5.09 | 4.36 | 3.80 | | | | |
| -3.0m | 7.28 | | | | | | | | |

| | | |
|---|-----------|--|
| 3a  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.24 | 4.10a | 4.10 | | |
| 4.0m | | 8.21 | 6.84 | 5.88 | 5.14 | 4.55 | 4.05a | 3.65 | |
| 3.0m | | 8.08 | 6.66 | 5.72 | 5.02 | 4.13a | 4.00 | 3.61 | 3.27 |
| 2.0m | 9.79a | 7.86 | 6.51 | 5.57 | 4.91 | 4.36a | 3.93 | 3.56 | 3.24 |
| 1.0m | 5.82a | 6.52a | 6.34 | 5.47 | 4.82 | 4.30 | 3.88 | 3.52 | 3.22 |
| 0.0m | 4.81a | 5.34a | 6.25 | 5.42 | 4.77 | 4.26 | 3.84 | 3.50 | |
| -1.0m | 5.85a | 7.41 | 6.25 | 5.40 | 4.76 | 4.25 | 3.84 | | |
| -2.0m | 9.19 | 7.49 | 6.31 | 5.45 | 4.80 | | | | |
| -3.0m | 9.43 | | | | | | | | |

UPPER SWL

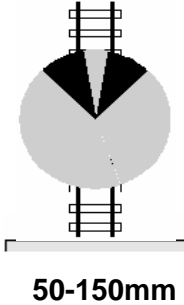
| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|-------|------|------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.33 | 4.65 | | | |
| 5.0m | | | 5.28a | 5.58a | 5.33 | 4.71 | 4.14 | | |
| 4.0m | | 8.28 | 6.99 | 6.03 | 5.30 | 4.72 | 4.16 | 3.68 | |
| 3.0m | | 8.20 | 6.93 | 6.00 | 5.28 | 4.71 | 4.14 | 3.67 | 3.28 |
| 2.0m | 9.98 | 8.17 | 6.91 | 5.99 | 5.28 | 4.66 | 4.10 | 3.64 | 3.26 |
| 1.0m | 9.97 | 8.18 | 6.90 | 5.95 | 5.20 | 4.57 | 4.03 | 3.59 | 3.23 |
| 0.0m | 9.73 | 7.98 | 6.75 | 5.83 | 5.10 | 4.46 | 3.95 | 3.54 | |
| -1.0m | 9.58 | 7.85 | 6.64 | 5.72 | 4.96 | 4.37 | 3.89 | | |
| -2.0m | 9.52 | 7.79 | 6.52 | 5.59 | 4.88 | | | | |
| -3.0m | 9.44 | | | | | | | | |

| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 13 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|-----------|-----------|--|
| 3b | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.72 | | | | | |
| 6.0m | | | | 2.74 | 2.35 | 2.03 | | | |
| 5.0m | | | 3.12 | 2.67 | 2.31 | 2.02 | 1.77 | | |
| 4.0m | | 3.54 | 2.95 | 2.54 | 2.22 | 1.95 | 1.73 | 1.53 | |
| 3.0m | | 3.42 | 2.79 | 2.40 | 2.11 | 1.87 | 1.67 | 1.50 | 1.34 |
| 2.0m | 4.05 | 3.23 | 2.65 | 2.26 | 2.01 | 1.79 | 1.61 | 1.45 | 1.31 |
| 1.0m | 3.73 | 3.01 | 2.50 | 2.17 | 1.93 | 1.73 | 1.56 | 1.41 | 1.28 |
| 0.0m | 3.49 | 2.86 | 2.42 | 2.12 | 1.89 | 1.69 | 1.53 | 1.39 | |
| -1.0m | 3.43 | 2.84 | 2.42 | 2.11 | 1.87 | 1.68 | 1.52 | | |
| -2.0m | 3.51 | 2.91 | 2.48 | 2.16 | 1.91 | | | | |
| -3.0m | 3.71 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.74 | | | | | |
| 6.0m | | | | 2.75 | 2.40 | 2.05 | | | |
| 5.0m | | | 3.14 | 2.72 | 2.39 | 2.11 | 1.80 | | |
| 4.0m | | 3.60 | 3.08 | 2.68 | 2.37 | 2.11 | 1.82 | 1.56 | |
| 3.0m | | 3.53 | 3.03 | 2.65 | 2.35 | 2.11 | 1.81 | 1.56 | 1.34 |
| 2.0m | 4.18 | 3.51 | 3.01 | 2.64 | 2.35 | 2.06 | 1.77 | 1.53 | 1.33 |
| 1.0m | 4.17 | 3.51 | 3.01 | 2.61 | 2.28 | 1.97 | 1.70 | 1.48 | 1.29 |
| 0.0m | 3.97 | 3.34 | 2.87 | 2.49 | 2.18 | 1.88 | 1.63 | 1.43 | |
| -1.0m | 3.85 | 3.23 | 2.77 | 2.40 | 2.06 | 1.79 | 1.57 | | |
| -2.0m | 3.79 | 3.17 | 2.67 | 2.28 | 1.98 | | | | |
| -3.0m | 3.72 | | | | | | | | |

| | | |
|-----------|-----------|--|
| 3b | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.65 | | | | | |
| 6.0m | | | | 3.66 | 3.14 | 2.71 | | | |
| 5.0m | | | 4.23 | 3.59 | 3.09 | 2.69 | 2.36 | | |
| 4.0m | | 4.92 | 4.04 | 3.45 | 2.99 | 2.62 | 2.32 | 2.06 | |
| 3.0m | | 4.78 | 3.87 | 3.29 | 2.87 | 2.54 | 2.26 | 2.02 | 1.81 |
| 2.0m | 5.81 | 4.56 | 3.71 | 3.14 | 2.76 | 2.45 | 2.19 | 1.97 | 1.78 |
| 1.0m | 5.43 | 4.32 | 3.54 | 3.04 | 2.68 | 2.38 | 2.14 | 1.93 | 1.75 |
| 0.0m | 4.81a | 4.14 | 3.45 | 2.99 | 2.63 | 2.34 | 2.10 | 1.91 | |
| -1.0m | 5.09 | 4.11 | 3.45 | 2.98 | 2.61 | 2.33 | 2.10 | | |
| -2.0m | 5.17 | 4.19 | 3.51 | 3.02 | 2.66 | | | | |
| -3.0m | 5.42 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.67 | | | | | |
| 6.0m | | | | 3.68 | 3.19 | 2.73 | | | |
| 5.0m | | | 4.26 | 3.65 | 3.18 | 2.79 | 2.40 | | |
| 4.0m | | 4.98 | 4.19 | 3.61 | 3.15 | 2.80 | 2.42 | 2.09 | |
| 3.0m | | 4.91 | 4.14 | 3.57 | 3.13 | 2.80 | 2.40 | 2.08 | 1.82 |
| 2.0m | 5.97 | 4.88 | 4.12 | 3.56 | 3.13 | 2.74 | 2.36 | 2.05 | 1.80 |
| 1.0m | 5.95 | 4.88 | 4.11 | 3.52 | 3.06 | 2.65 | 2.29 | 2.00 | 1.76 |
| 0.0m | 5.72 | 4.69 | 3.95 | 3.40 | 2.95 | 2.54 | 2.21 | 1.95 | |
| -1.0m | 5.57 | 4.56 | 3.84 | 3.29 | 2.82 | 2.44 | 2.15 | | |
| -2.0m | 5.51 | 4.50 | 3.73 | 3.16 | 2.73 | | | | |
| -3.0m | 5.43 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 14 Of 38 |

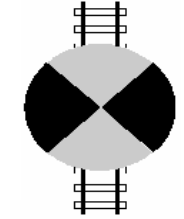
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 3c  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.48 | | | | | |
| 6.0m | | | | 2.49 | 2.13 | 1.83 | | | |
| 5.0m | | | 2.84 | 2.42 | 2.09 | 1.82 | 1.59 | | |
| 4.0m | | 3.22 | 2.67 | 2.30 | 2.00 | 1.75 | 1.55 | 1.37 | |
| 3.0m | | 3.10 | 2.51 | 2.15 | 1.89 | 1.67 | 1.49 | 1.33 | 1.18 |
| 2.0m | 3.66 | 2.91 | 2.37 | 2.01 | 1.79 | 1.59 | 1.43 | 1.28 | 1.16 |
| 1.0m | 3.34 | 2.69 | 2.22 | 1.92 | 1.71 | 1.53 | 1.38 | 1.25 | 1.13 |
| 0.0m | 3.11 | 2.53 | 2.14 | 1.88 | 1.66 | 1.49 | 1.35 | 1.22 | |
| -1.0m | 3.05 | 2.51 | 2.14 | 1.87 | 1.65 | 1.48 | 1.34 | | |
| -2.0m | 3.12 | 2.58 | 2.19 | 1.91 | 1.69 | | | | |
| -3.0m | 3.33 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.49 | | | | | |
| 6.0m | | | | 2.51 | 2.18 | 1.85 | | | |
| 5.0m | | | 2.86 | 2.48 | 2.17 | 1.91 | 1.62 | | |
| 4.0m | | 3.27 | 2.80 | 2.44 | 2.15 | 1.91 | 1.64 | 1.40 | |
| 3.0m | | 3.21 | 2.75 | 2.40 | 2.13 | 1.91 | 1.63 | 1.39 | 1.19 |
| 2.0m | 3.80 | 3.18 | 2.73 | 2.39 | 2.13 | 1.86 | 1.58 | 1.36 | 1.17 |
| 1.0m | 3.79 | 3.18 | 2.73 | 2.36 | 2.06 | 1.78 | 1.52 | 1.31 | 1.14 |
| 0.0m | 3.58 | 3.02 | 2.59 | 2.25 | 1.96 | 1.68 | 1.45 | 1.26 | |
| -1.0m | 3.46 | 2.90 | 2.49 | 2.15 | 1.84 | 1.59 | 1.39 | | |
| -2.0m | 3.41 | 2.85 | 2.39 | 2.03 | 1.76 | | | | |
| -3.0m | 3.34 | | | | | | | | |

| | | |
|---|-----------|--|
| 3c  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.37 | | | | | |
| 6.0m | | | | 3.38 | 2.90 | 2.51 | | | |
| 5.0m | | | 3.89 | 3.31 | 2.85 | 2.49 | 2.18 | | |
| 4.0m | | 4.49 | 3.71 | 3.18 | 2.76 | 2.42 | 2.14 | 1.90 | |
| 3.0m | | 4.36 | 3.54 | 3.02 | 2.64 | 2.34 | 2.08 | 1.86 | 1.67 |
| 2.0m | 5.26 | 4.15 | 3.39 | 2.87 | 2.53 | 2.25 | 2.02 | 1.81 | 1.64 |
| 1.0m | 4.90 | 3.91 | 3.23 | 2.77 | 2.45 | 2.18 | 1.96 | 1.77 | 1.61 |
| 0.0m | 4.64 | 3.74 | 3.14 | 2.72 | 2.40 | 2.14 | 1.93 | 1.75 | |
| -1.0m | 4.57 | 3.72 | 3.14 | 2.71 | 2.39 | 2.13 | 1.92 | | |
| -2.0m | 4.65 | 3.79 | 3.20 | 2.76 | 2.43 | | | | |
| -3.0m | 4.89 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.39 | | | | | |
| 6.0m | | | | 3.40 | 2.95 | 2.52 | | | |
| 5.0m | | | 3.92 | 3.37 | 2.94 | 2.59 | 2.22 | | |
| 4.0m | | 4.56 | 3.85 | 3.33 | 2.92 | 2.59 | 2.24 | 1.93 | |
| 3.0m | | 4.49 | 3.80 | 3.29 | 2.90 | 2.59 | 2.22 | 1.93 | 1.67 |
| 2.0m | 5.41 | 4.46 | 3.78 | 3.28 | 2.90 | 2.53 | 2.18 | 1.89 | 1.65 |
| 1.0m | 5.40 | 4.46 | 3.77 | 3.25 | 2.82 | 2.44 | 2.11 | 1.84 | 1.62 |
| 0.0m | 5.17 | 4.27 | 3.62 | 3.12 | 2.72 | 2.34 | 2.04 | 1.79 | |
| -1.0m | 5.04 | 4.15 | 3.51 | 3.02 | 2.59 | 2.25 | 1.98 | | |
| -2.0m | 4.98 | 4.09 | 3.40 | 2.89 | 2.50 | | | | |
| -3.0m | 4.90 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 15 Of 38 |

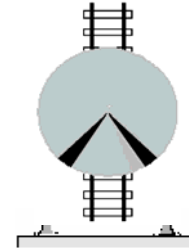
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 3d  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.24 | | | | | |
| 6.0m | | | | 3.25 | 2.82 | 2.46 | | | |
| 5.0m | | | 3.69 | 3.18 | 2.78 | 2.44 | 2.16 | | |
| 4.0m | | 4.18 | 3.52 | 3.06 | 2.69 | 2.38 | 2.13 | 1.90 | |
| 3.0m | | 4.07 | 3.37 | 2.91 | 2.58 | 2.30 | 2.07 | 1.86 | 1.68 |
| 2.0m | 4.79 | 3.88 | 3.23 | 2.78 | 2.48 | 2.23 | 2.01 | 1.82 | 1.65 |
| 1.0m | 4.48 | 3.67 | 3.09 | 2.69 | 2.40 | 2.16 | 1.96 | 1.78 | 1.63 |
| 0.0m | 4.25 | 3.52 | 3.01 | 2.65 | 2.36 | 2.12 | 1.93 | 1.76 | |
| -1.0m | 4.19 | 3.50 | 3.01 | 2.64 | 2.35 | 2.11 | 1.92 | | |
| -2.0m | 4.26 | 3.57 | 3.06 | 2.68 | 2.39 | | | | |
| -3.0m | 4.46 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.25 | | | | | |
| 6.0m | | | | 3.26 | 2.87 | 2.48 | | | |
| 5.0m | | | 3.71 | 3.23 | 2.86 | 2.54 | 2.20 | | |
| 4.0m | | 4.24 | 3.65 | 3.20 | 2.83 | 2.54 | 2.22 | 1.93 | |
| 3.0m | | 4.17 | 3.60 | 3.16 | 2.81 | 2.54 | 2.20 | 1.92 | 1.69 |
| 2.0m | 4.91 | 4.15 | 3.58 | 3.15 | 2.81 | 2.49 | 2.16 | 1.89 | 1.67 |
| 1.0m | 4.90 | 4.15 | 3.58 | 3.12 | 2.75 | 2.40 | 2.10 | 1.85 | 1.64 |
| 0.0m | 4.71 | 3.99 | 3.44 | 3.01 | 2.65 | 2.31 | 2.03 | 1.80 | |
| -1.0m | 4.59 | 3.88 | 3.35 | 2.92 | 2.53 | 2.22 | 1.97 | | |
| -2.0m | 4.54 | 3.83 | 3.25 | 2.80 | 2.45 | | | | |
| -3.0m | 4.47 | | | | | | | | |

| | | |
|---|-----------|--|
| 3d  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.86 | | | | | |
| 6.0m | | | | 4.88 | 4.25 | 3.74 | | | |
| 5.0m | | | 5.21a | 4.80 | 4.21 | 3.72 | 3.32 | | |
| 4.0m | | 6.40 | 5.39 | 4.68 | 4.12 | 3.66 | 3.28 | 2.95 | |
| 3.0m | | 6.27 | 5.23 | 4.53 | 4.01 | 3.58 | 3.22 | 2.91 | 2.65 |
| 2.0m | 7.47 | 6.08 | 5.08 | 4.39 | 3.90 | 3.50 | 3.16 | 2.87 | 2.62 |
| 1.0m | 5.82a | 5.85 | 4.93 | 4.30 | 3.82 | 3.43 | 3.11 | 2.83 | 2.59 |
| 0.0m | 4.81a | 5.34a | 4.85 | 4.25 | 3.77 | 3.39 | 3.07 | 2.81 | |
| -1.0m | 5.85a | 5.67 | 4.85 | 4.24 | 3.76 | 3.38 | 3.07 | | |
| -2.0m | 6.91 | 5.74 | 4.90 | 4.28 | 3.80 | | | | |
| -3.0m | 7.12 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.88 | | | | | |
| 6.0m | | | | 4.89 | 4.30 | 3.76 | | | |
| 5.0m | | | 5.28a | 4.86 | 4.29 | 3.82 | 3.35 | | |
| 4.0m | | 6.46 | 5.53 | 4.82 | 4.27 | 3.82 | 3.37 | 2.98 | |
| 3.0m | | 6.39 | 5.48 | 4.79 | 4.25 | 3.82 | 3.36 | 2.98 | 2.65 |
| 2.0m | 7.61 | 6.36 | 5.46 | 4.78 | 4.25 | 3.77 | 3.31 | 2.94 | 2.63 |
| 1.0m | 7.60 | 6.36 | 5.45 | 4.74 | 4.18 | 3.68 | 3.25 | 2.90 | 2.60 |
| 0.0m | 7.39 | 6.19 | 5.31 | 4.63 | 4.08 | 3.58 | 3.18 | 2.85 | |
| -1.0m | 7.26 | 6.07 | 5.21 | 4.53 | 3.95 | 3.49 | 3.12 | | |
| -2.0m | 7.21 | 6.02 | 5.10 | 4.41 | 3.87 | | | | |
| -3.0m | 7.14 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 16 Of 38 |

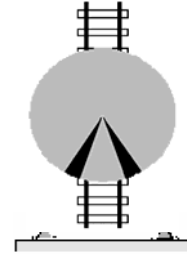
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 3e  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.65 | | | | | |
| 6.0m | | | | 4.66 | 4.07 | 3.59 | | | |
| 5.0m | | | 5.21a | 4.59 | 4.03 | 3.57 | 3.19 | | |
| 4.0m | | 6.07 | 5.13 | 4.47 | 3.94 | 3.51 | 3.15 | 2.84 | |
| 3.0m | | 5.95 | 4.98 | 4.32 | 3.83 | 3.43 | 3.09 | 2.80 | 2.55 |
| 2.0m | 7.04 | 5.76 | 4.84 | 4.19 | 3.73 | 3.35 | 3.03 | 2.76 | 2.52 |
| 1.0m | 5.82a | 5.54 | 4.69 | 4.10 | 3.65 | 3.29 | 2.98 | 2.72 | 2.49 |
| 0.0m | 4.81a | 5.34a | 4.61 | 4.05 | 3.61 | 3.25 | 2.95 | 2.69 | |
| -1.0m | 5.85a | 5.37 | 4.61 | 4.04 | 3.59 | 3.23 | 2.94 | | |
| -2.0m | 6.50 | 5.43 | 4.66 | 4.08 | 3.63 | | | | |
| -3.0m | 6.71 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.67 | | | | | |
| 6.0m | | | | 4.68 | 4.12 | 3.61 | | | |
| 5.0m | | | 5.28a | 4.65 | 4.11 | 3.67 | 3.22 | | |
| 4.0m | | 6.13 | 5.27 | 4.61 | 4.09 | 3.67 | 3.24 | 2.87 | |
| 3.0m | | 6.06 | 5.22 | 4.58 | 4.07 | 3.67 | 3.23 | 2.86 | 2.55 |
| 2.0m | 7.18 | 6.03 | 5.20 | 4.56 | 4.07 | 3.62 | 3.18 | 2.83 | 2.53 |
| 1.0m | 7.17 | 6.04 | 5.19 | 4.53 | 4.00 | 3.53 | 3.12 | 2.78 | 2.50 |
| 0.0m | 6.96 | 5.87 | 5.05 | 4.42 | 3.90 | 3.43 | 3.05 | 2.73 | |
| -1.0m | 6.84 | 5.75 | 4.95 | 4.33 | 3.78 | 3.34 | 2.99 | | |
| -2.0m | 6.79 | 5.70 | 4.85 | 4.21 | 3.70 | | | | |
| -3.0m | 6.72 | | | | | | | | |

| | | |
|---|-----------|--|
| 3e  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.00 |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 3.96 |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83f | 6.31 | 4.94a | 4.81a | 4.36 | 3.93 |
| 0.0m | 4.81a | 5.34a | 7.66a | 7.31 | 5.97a | 5.45 | 4.83 | 4.33 | |
| -1.0m | 5.85a | 7.54a | 8.79 | 7.30 | 6.24 | 5.44 | 4.82 | | |
| -2.0m | 12.62b | 10.54b | 8.87 | 7.36 | 6.29 | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.16 | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.75 | 5.91 | 5.18 | 4.54 | |
| 3.0m | | 9.53b | 9.36 | 7.84 | 6.73 | 5.89 | 5.17 | 4.53 | 4.01 |
| 2.0m | 11.07a | 10.85b | 9.32b | 7.81b | 6.71 | 5.89 | 5.12 | 4.49 | 3.98 |
| 1.0m | 12.39b | 11.56 | 9.34 | 7.83 | 6.75 | 5.81 | 5.05 | 4.44 | 3.95 |
| 0.0m | 14.12b | 11.63b | 9.41 | 7.83 | 6.64 | 5.69 | 4.96 | 4.38 | |
| -1.0m | 15.13b | 11.68 | 9.31 | 7.70 | 6.49 | 5.58 | 4.89 | | |
| -2.0m | 15.38b | 11.59 | 9.16 | 7.54 | 6.38 | | | | |
| -3.0m | 13.02b | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 17 Of 38 |

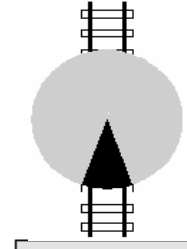
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 3f  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.98b | 6.44b | 6.03a | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.19b | 9.23b | 8.21b | 7.39r | 6.74r | 6.23b | 5.54a |
| 1.0m | 12.39b | 11.63b | 10.65b | 9.41b | 8.38b | 7.54b | 6.86b | 6.30b | 5.54a |
| 0.0m | 14.12b | 12.46b | 10.78b | 9.45b | 8.41b | 7.57b | 6.91b | 6.19b | |
| -1.0m | 15.13b | 12.66b | 10.88b | 9.54b | 8.53b | 7.60b | 6.55b | | |
| -2.0m | 15.38b | 12.90b | 10.95b | 9.32b | 7.83b | | | | |
| -3.0m | 13.02b | | | | | | | | |

| | | |
|---|-----------|--|
| 3f  | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.98b | 6.44b | 6.03a | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.19b | 9.23b | 8.21b | 7.39r | 6.74r | 6.23b | 5.54a |
| 1.0m | 12.39b | 11.63b | 10.65b | 9.41b | 8.38b | 7.54b | 6.86b | 6.30b | 5.54a |
| 0.0m | 14.12b | 12.46b | 10.78b | 9.45b | 8.41b | 7.57b | 6.91b | 6.19b | |
| -1.0m | 15.13b | 12.66b | 10.88b | 9.54b | 8.53b | 7.60b | 6.55b | | |
| -2.0m | 15.38b | 12.90b | 10.95b | 9.32b | 7.83b | | | | |
| -3.0m | 13.02b | | | | | | | | |

| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
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GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---------------|-----------|---|
| 3+ i6! | DUTY | 150 to 177mm CANT @ 66% of tipping load |
| | SECTOR | 360° Duty |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |



150-177mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.41 | | | | | |
| 6.0m | | | | 2.42 | 2.07 | 1.77 | | | |
| 5.0m | | | 2.77 | 2.35 | 2.02 | 1.76 | 1.53 | | |
| 4.0m | | 3.14 | 2.59 | 2.23 | 1.93 | 1.69 | 1.49 | 1.31 | |
| 3.0m | | 3.02 | 2.43 | 2.08 | 1.82 | 1.61 | 1.43 | 1.27 | 1.13 |
| 2.0m | 3.58 | 2.82 | 2.29 | 1.94 | 1.72 | 1.53 | 1.37 | 1.23 | 1.10 |
| 1.0m | 3.25 | 2.61 | 2.14 | 1.85 | 1.64 | 1.47 | 1.32 | 1.19 | 1.08 |
| 0.0m | 3.02 | 2.45 | 2.06 | 1.80 | 1.60 | 1.43 | 1.29 | 1.17 | |
| -1.0m | 2.95 | 2.43 | 2.06 | 1.79 | 1.58 | 1.42 | 1.28 | | |
| -2.0m | 3.03 | 2.49 | 2.11 | 1.83 | 1.62 | | | | |
| -3.0m | 3.24 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.43 | | | | | |
| 6.0m | | | | 2.44 | 2.12 | 1.79 | | | |
| 5.0m | | | 2.79 | 2.41 | 2.11 | 1.85 | 1.56 | | |
| 4.0m | | 3.20 | 2.73 | 2.37 | 2.08 | 1.85 | 1.58 | 1.34 | |
| 3.0m | | 3.13 | 2.68 | 2.34 | 2.06 | 1.85 | 1.57 | 1.34 | 1.14 |
| 2.0m | 3.72 | 3.10 | 2.66 | 2.32 | 2.06 | 1.80 | 1.53 | 1.30 | 1.12 |
| 1.0m | 3.71 | 3.11 | 2.65 | 2.29 | 1.99 | 1.71 | 1.46 | 1.26 | 1.09 |
| 0.0m | 3.50 | 2.94 | 2.51 | 2.18 | 1.90 | 1.62 | 1.39 | 1.21 | |
| -1.0m | 3.37 | 2.82 | 2.41 | 2.08 | 1.77 | 1.53 | 1.33 | | |
| -2.0m | 3.32 | 2.77 | 2.31 | 1.96 | 1.69 | | | | |
| -3.0m | 3.25 | | | | | | | | |

| | | |
|---------------|-----------|--|
| 3+ i6! | DUTY | 50 to 150mm CANT @ 66% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.34 | | | | | |
| 6.0m | | | | 3.35 | 2.86 | 2.46 | | | |
| 5.0m | | | 3.88 | 3.28 | 2.82 | 2.45 | 2.14 | | |
| 4.0m | | 4.49 | 3.68 | 3.14 | 2.72 | 2.38 | 2.10 | 1.86 | |
| 3.0m | | 4.36 | 3.51 | 2.98 | 2.60 | 2.29 | 2.03 | 1.82 | 1.62 |
| 2.0m | 5.30 | 4.14 | 3.35 | 2.83 | 2.49 | 2.20 | 1.97 | 1.77 | 1.59 |
| 1.0m | 4.92 | 3.89 | 3.19 | 2.73 | 2.40 | 2.14 | 1.91 | 1.73 | 1.57 |
| 0.0m | 4.65 | 3.71 | 3.10 | 2.68 | 2.35 | 2.09 | 1.88 | 1.70 | |
| -1.0m | 4.57 | 3.69 | 3.09 | 2.67 | 2.34 | 2.08 | 1.87 | | |
| -2.0m | 4.66 | 3.77 | 3.16 | 2.71 | 2.38 | | | | |
| -3.0m | 4.90 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.36 | | | | | |
| 6.0m | | | | 3.37 | 2.92 | 2.48 | | | |
| 5.0m | | | 3.90 | 3.34 | 2.91 | 2.55 | 2.17 | | |
| 4.0m | | 4.56 | 3.83 | 3.30 | 2.88 | 2.55 | 2.20 | 1.89 | |
| 3.0m | | 4.48 | 3.78 | 3.26 | 2.86 | 2.55 | 2.18 | 1.88 | 1.63 |
| 2.0m | 5.45 | 4.45 | 3.76 | 3.25 | 2.86 | 2.49 | 2.14 | 1.85 | 1.61 |
| 1.0m | 5.44 | 4.46 | 3.75 | 3.21 | 2.78 | 2.40 | 2.07 | 1.80 | 1.58 |
| 0.0m | 5.20 | 4.26 | 3.59 | 3.09 | 2.68 | 2.29 | 1.99 | 1.74 | |
| -1.0m | 5.06 | 4.14 | 3.48 | 2.98 | 2.54 | 2.20 | 1.93 | | |
| -2.0m | 5.00 | 4.08 | 3.37 | 2.85 | 2.46 | | | | |
| -3.0m | 4.92 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 19 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|----------------------------------|
| 4a  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.03 | |
| 3.0m | | 8.50b | 7.30b | 6.35 | 5.57 | 4.80a | 4.07a | 3.99 | 3.61 |
| 2.0m | 10.08b | 8.44b | 7.22 | 6.17 | 5.44 | 4.31a | 4.28a | 3.94 | 3.58 |
| 1.0m | 6.24a | 6.98a | 7.03 | 6.04 | 5.33 | 4.76 | 4.28 | 3.89 | 3.55 |
| 0.0m | 4.92a | 5.49a | 6.89 | 5.98 | 5.27 | 4.70 | 4.24 | 3.86 | |
| -1.0m | 4.85a | 6.36a | 6.88 | 5.95 | 5.24 | 4.68 | 4.23 | 3.85 | |
| -2.0m | 10.11 | 8.23 | 6.94 | 5.99 | 5.27 | 4.72 | | | |
| -3.0m | 10.29 | 8.40 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.11 | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.18 | 4.56 | | |
| 4.0m | | 7.93a | 7.08a | 6.60 | 5.85 | 5.21b | 4.59 | 4.06 | |
| 3.0m | | 9.01 | 7.63 | 6.61 | 5.82 | 5.20 | 4.58a | 4.06 | 3.62 |
| 2.0m | 10.77b | 8.97 | 7.60 | 6.59 | 5.81 | 5.15 | 4.54 | 4.03 | 3.60 |
| 1.0m | 10.94 | 8.98 | 7.61b | 6.60 | 5.77 | 5.06 | 4.46 | 3.97 | 3.56 |
| 0.0m | 10.79 | 8.86 | 7.49 | 6.46 | 5.65 | 4.95 | 4.38 | 3.91 | |
| -1.0m | 10.61 | 8.70 | 7.35 | 6.35 | 5.50 | 4.84 | 4.30 | 3.86 | |
| -2.0m | 10.52 | 8.61 | 7.24 | 6.19 | 5.39 | 4.76 | | | |
| -3.0m | 10.44 | 8.49 | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 4a  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.05a |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 4.12a |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 6.18r | 4.76a | 4.70a | 4.50a | 4.34a |
| 0.0m | 4.92a | 5.49a | 7.11a | 7.73r | 6.53a | 5.51a | 5.24a | 4.85a | |
| -1.0m | 4.85a | 6.36a | 9.50b | 8.57b | 7.05a | 6.38a | 5.76a | 5.25a | |
| -2.0m | 11.22a | 10.51b | 9.01b | 7.89b | 7.01b | 6.33b | | | |
| -3.0m | 12.81b | 10.72b | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.28a | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.41a | 6.21a | 5.93a | 5.31a | |
| 3.0m | | 9.36b | 9.39b | 8.50b | 7.57r | 6.89r | 6.37r | 5.65 | 4.59a |
| 2.0m | 10.77b | 10.54b | 10.03b | 9.15b | 8.14b | 7.32b | 6.49b | 5.61 | 4.84 |
| 1.0m | 12.06a | 11.44b | 10.59b | 9.41b | 8.37b | 7.48 | 6.52 | 5.55 | 4.79 |
| 0.0m | 13.78b | 12.33a | 10.77b | 9.44b | 8.40b | 7.52b | 6.41 | 5.47 | |
| -1.0m | 15.06b | 12.63b | 10.85b | 9.51b | 8.48b | 7.53 | 6.30 | 5.40 | |
| -2.0m | 15.32b | 12.87b | 11.06b | 9.54b | 8.16b | 6.73b | | | |
| -3.0m | 14.00b | 11.31b | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 20 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|------------------------------------|
| 4b  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.08 | | | | | |
| 6.0m | | | | 4.13 | 3.54 | 3.05 | | | |
| 5.0m | | | 4.79 | 4.06 | 3.50 | 3.05 | 2.67 | | |
| 4.0m | | 5.52 | 4.59 | 3.92 | 3.40 | 2.98 | 2.63 | 2.34 | |
| 3.0m | | 5.39 | 4.37 | 3.74 | 3.27 | 2.89 | 2.57 | 2.29 | 2.05 |
| 2.0m | 6.57 | 5.17 | 4.21 | 3.57 | 3.14 | 2.79 | 2.49 | 2.24 | 2.02 |
| 1.0m | 6.15 | 4.89 | 4.02 | 3.44 | 3.03 | 2.70 | 2.43 | 2.19 | 1.99 |
| 0.0m | 4.92a | 4.67 | 3.89 | 3.37 | 2.97 | 2.65 | 2.38 | 2.16 | |
| -1.0m | 4.85a | 4.60 | 3.88 | 3.35 | 2.95 | 2.63 | 2.37 | 2.16 | |
| -2.0m | 5.75 | 4.67 | 3.93 | 3.38 | 2.98 | 2.67 | | | |
| -3.0m | 5.93 | 4.84 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.09 | | | | | |
| 6.0m | | | | 4.15 | 3.59 | 3.06 | | | |
| 5.0m | | | 4.80 | 4.12 | 3.59 | 3.14 | 2.70 | | |
| 4.0m | | 5.60 | 4.72 | 4.07 | 3.56 | 3.16 | 2.73 | 2.36 | |
| 3.0m | | 5.51 | 4.66 | 4.02 | 3.54 | 3.15 | 2.72 | 2.36 | 2.06 |
| 2.0m | 6.66 | 5.46 | 4.63 | 4.00 | 3.53 | 3.11 | 2.68 | 2.33 | 2.04 |
| 1.0m | 6.67 | 5.47 | 4.64 | 4.00 | 3.47 | 3.01 | 2.60 | 2.28 | 2.00 |
| 0.0m | 6.42 | 5.29 | 4.47 | 3.85 | 3.35 | 2.89 | 2.52 | 2.22 | |
| -1.0m | 6.25 | 5.13 | 4.34 | 3.74 | 3.20 | 2.78 | 2.44 | 2.17 | |
| -2.0m | 6.16 | 5.05 | 4.22 | 3.58 | 3.09 | 2.71 | | | |
| -3.0m | 6.08 | 4.92 | | | | | | | |

| | | |
|---|-----------|------------------------------------|
| 4b  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.03 | |
| 3.0m | | 8.50b | 7.30b | 6.35 | 5.57 | 4.80a | 4.07a | 3.99 | 3.61 |
| 2.0m | 10.08b | 8.44b | 7.22 | 6.17 | 5.44 | 4.31a | 4.28a | 3.94 | 3.58 |
| 1.0m | 6.24a | 6.98a | 7.03 | 6.04 | 5.33 | 4.76 | 4.28 | 3.89 | 3.55 |
| 0.0m | 4.92a | 5.49a | 6.89 | 5.98 | 5.27 | 4.70 | 4.24 | 3.86 | |
| -1.0m | 4.85a | 6.36a | 6.88 | 5.95 | 5.24 | 4.68 | 4.23 | 3.85 | |
| -2.0m | 10.11 | 8.23 | 6.94 | 5.99 | 5.27 | 4.72 | | | |
| -3.0m | 10.29 | 8.40 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.11 | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.18 | 4.56 | | |
| 4.0m | | 7.93a | 7.08a | 6.60 | 5.85 | 5.21b | 4.59 | 4.06 | |
| 3.0m | | 9.01 | 7.63 | 6.61 | 5.82 | 5.20 | 4.58a | 4.06 | 3.62 |
| 2.0m | 10.77b | 8.97 | 7.60 | 6.59 | 5.81 | 5.15 | 4.54 | 4.03 | 3.60 |
| 1.0m | 10.94 | 8.98 | 7.61b | 6.60 | 5.77 | 5.06 | 4.46 | 3.97 | 3.56 |
| 0.0m | 10.79 | 8.86 | 7.49 | 6.46 | 5.65 | 4.95 | 4.38 | 3.91 | |
| -1.0m | 10.61 | 8.70 | 7.35 | 6.35 | 5.50 | 4.84 | 4.30 | 3.86 | |
| -2.0m | 10.52 | 8.61 | 7.24 | 6.19 | 5.39 | 4.76 | | | |
| -3.0m | 10.44 | 8.49 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 21 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|----------------------------------|
| 4c  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.08 | | | | | |
| 6.0m | | | | 4.13 | 3.54 | 3.05 | | | |
| 5.0m | | | 4.79 | 4.06 | 3.50 | 3.05 | 2.67 | | |
| 4.0m | | 5.52 | 4.59 | 3.92 | 3.40 | 2.98 | 2.63 | 2.34 | |
| 3.0m | | 5.39 | 4.37 | 3.74 | 3.27 | 2.89 | 2.57 | 2.29 | 2.05 |
| 2.0m | 6.57 | 5.17 | 4.21 | 3.57 | 3.14 | 2.79 | 2.49 | 2.24 | 2.02 |
| 1.0m | 6.15 | 4.89 | 4.02 | 3.44 | 3.03 | 2.70 | 2.43 | 2.19 | 1.99 |
| 0.0m | 4.92a | 4.67 | 3.89 | 3.37 | 2.97 | 2.65 | 2.38 | 2.16 | |
| -1.0m | 4.85a | 4.60 | 3.88 | 3.35 | 2.95 | 2.63 | 2.37 | 2.16 | |
| -2.0m | 5.75 | 4.67 | 3.93 | 3.38 | 2.98 | 2.67 | | | |
| -3.0m | 5.93 | 4.84 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.09 | | | | | |
| 6.0m | | | | 4.15 | 3.59 | 3.06 | | | |
| 5.0m | | | 4.80 | 4.12 | 3.59 | 3.14 | 2.70 | | |
| 4.0m | | 5.60 | 4.72 | 4.07 | 3.56 | 3.16 | 2.73 | 2.36 | |
| 3.0m | | 5.51 | 4.66 | 4.02 | 3.54 | 3.15 | 2.72 | 2.36 | 2.06 |
| 2.0m | 6.66 | 5.46 | 4.63 | 4.00 | 3.53 | 3.11 | 2.68 | 2.33 | 2.04 |
| 1.0m | 6.67 | 5.47 | 4.64 | 4.00 | 3.47 | 3.01 | 2.60 | 2.28 | 2.00 |
| 0.0m | 6.42 | 5.29 | 4.47 | 3.85 | 3.35 | 2.89 | 2.52 | 2.22 | |
| -1.0m | 6.25 | 5.13 | 4.34 | 3.74 | 3.20 | 2.78 | 2.44 | 2.17 | |
| -2.0m | 6.16 | 5.05 | 4.22 | 3.58 | 3.09 | 2.71 | | | |
| -3.0m | 6.08 | 4.92 | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 4c  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.45 | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.22 | 5.33 | 4.65 | 4.03a | 3.63 | |
| 3.0m | | 8.50b | 7.16 | 6.02 | 5.19 | 4.54 | 4.02 | 3.58 | 3.21 |
| 2.0m | 10.08b | 8.44b | 6.96 | 5.81 | 5.04 | 4.31a | 3.93 | 3.53 | 3.18 |
| 1.0m | 6.24a | 6.98a | 6.74 | 5.67 | 4.92 | 4.33 | 3.86 | 3.47 | 3.14 |
| 0.0m | 4.92a | 5.49a | 6.59 | 5.59 | 4.85 | 4.27 | 3.81 | 3.44 | |
| -1.0m | 4.85a | 6.36a | 6.57 | 5.57 | 4.82 | 4.25 | 3.80 | 3.43 | |
| -2.0m | 10.41 | 8.11 | 6.63 | 5.61 | 4.86 | 4.29 | | | |
| -3.0m | 10.65 | 8.32 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 4.73 | | | |
| 5.0m | | | 5.10a | 5.46a | 5.55 | 4.82 | 4.16 | | |
| 4.0m | | 7.93a | 7.08a | 6.39 | 5.52 | 4.84 | 4.20 | 3.66 | |
| 3.0m | | 9.04 | 7.47 | 6.34 | 5.49 | 4.83 | 4.19 | 3.66 | 3.22 |
| 2.0m | 10.77b | 8.99 | 7.43 | 6.32 | 5.48 | 4.78 | 4.14 | 3.62 | 3.20 |
| 1.0m | 11.37 | 9.00 | 7.44 | 6.31 | 5.42 | 4.68 | 4.06 | 3.56 | 3.16 |
| 0.0m | 11.27 | 8.86 | 7.27 | 6.14 | 5.28 | 4.55 | 3.96 | 3.50 | |
| -1.0m | 11.04 | 8.67 | 7.11 | 6.01 | 5.11 | 4.42 | 3.88 | 3.45 | |
| -2.0m | 10.93 | 8.57 | 6.98 | 5.83 | 4.99 | 4.34 | | | |
| -3.0m | 10.83 | 8.42 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 22 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|----------------------------------|
| 4d  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.05a |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 4.12a |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 6.18r | 4.76a | 4.70a | 4.50a | 4.34a |
| 0.0m | 4.92a | 5.49a | 7.11a | 7.73r | 6.53a | 5.51a | 5.24a | 4.85a | |
| -1.0m | 4.85a | 6.36a | 9.50b | 8.57b | 7.05a | 6.38a | 5.76a | 5.25a | |
| -2.0m | 11.22a | 10.51b | 9.01b | 7.89b | 7.01b | 6.33b | | | |
| -3.0m | 12.81b | 10.72b | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.28a | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.41a | 6.21a | 5.93a | 5.31a | |
| 3.0m | | 9.36b | 9.39b | 8.50b | 7.57r | 6.89r | 6.37r | 5.65 | 4.59a |
| 2.0m | 10.77b | 10.54b | 10.03b | 9.15b | 8.14b | 7.32b | 6.49b | 5.61 | 4.84 |
| 1.0m | 12.06a | 11.44b | 10.59b | 9.41b | 8.37b | 7.48 | 6.52 | 5.55 | 4.79 |
| 0.0m | 13.78b | 12.33a | 10.77b | 9.44b | 8.40b | 7.52b | 6.41 | 5.47 | |
| -1.0m | 15.06b | 12.63b | 10.85b | 9.51b | 8.48b | 7.53 | 6.30 | 5.40 | |
| -2.0m | 15.32b | 12.87b | 11.06b | 9.54b | 8.16b | 6.73b | | | |
| -3.0m | 14.00b | 11.31b | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 4d  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.03 | |
| 3.0m | | 8.50b | 7.30b | 6.35 | 5.57 | 4.80a | 4.07a | 3.99 | 3.61 |
| 2.0m | 10.08b | 8.44b | 7.22 | 6.17 | 5.44 | 4.31a | 4.28a | 3.94 | 3.58 |
| 1.0m | 6.24a | 6.98a | 7.03 | 6.04 | 5.33 | 4.76 | 4.28 | 3.89 | 3.55 |
| 0.0m | 4.92a | 5.49a | 6.89 | 5.98 | 5.27 | 4.70 | 4.24 | 3.86 | |
| -1.0m | 4.85a | 6.36a | 6.88 | 5.95 | 5.24 | 4.68 | 4.23 | 3.85 | |
| -2.0m | 10.11 | 8.23 | 6.94 | 5.99 | 5.27 | 4.72 | | | |
| -3.0m | 10.29 | 8.40 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.11 | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.18 | 4.56 | | |
| 4.0m | | 7.93a | 7.08a | 6.60 | 5.85 | 5.21b | 4.59 | 4.06 | |
| 3.0m | | 9.01 | 7.63 | 6.61 | 5.82 | 5.20 | 4.58a | 4.06 | 3.62 |
| 2.0m | 10.77b | 8.97 | 7.60 | 6.59 | 5.81 | 5.15 | 4.54 | 4.03 | 3.60 |
| 1.0m | 10.94 | 8.98 | 7.61b | 6.60 | 5.77 | 5.06 | 4.46 | 3.97 | 3.56 |
| 0.0m | 10.79 | 8.86 | 7.49 | 6.46 | 5.65 | 4.95 | 4.38 | 3.91 | |
| -1.0m | 10.61 | 8.70 | 7.35 | 6.35 | 5.50 | 4.84 | 4.30 | 3.86 | |
| -2.0m | 10.52 | 8.61 | 7.24 | 6.19 | 5.39 | 4.76 | | | |
| -3.0m | 10.44 | 8.49 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 23 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|----------------------------------|
| 4e  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.05a |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 4.12a |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 6.18r | 4.76a | 4.70a | 4.50a | 4.34a |
| 0.0m | 4.92a | 5.49a | 7.11a | 7.73r | 6.53a | 5.51a | 5.24a | 4.85a | |
| -1.0m | 4.85a | 6.36a | 9.50b | 8.57b | 7.05a | 6.38a | 5.76a | 5.25a | |
| -2.0m | 11.22a | 10.51b | 9.01b | 7.89b | 7.01b | 6.33b | | | |
| -3.0m | 12.81b | 10.72b | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.28a | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.41a | 6.21a | 5.93a | 5.31a | |
| 3.0m | | 9.36b | 9.39b | 8.50b | 7.57r | 6.89r | 6.37r | 5.93a | 4.59a |
| 2.0m | 10.77b | 10.54b | 10.03b | 9.15b | 8.14b | 7.32b | 6.68b | 6.20r | 5.44a |
| 1.0m | 12.06a | 11.44b | 10.59b | 9.41b | 8.37b | 7.54b | 6.86b | 6.29b | 5.63a |
| 0.0m | 13.78b | 12.33a | 10.77b | 9.44b | 8.40b | 7.56b | 6.89b | 6.25b | |
| -1.0m | 15.06b | 12.63b | 10.85b | 9.51b | 8.48b | 7.65b | 6.72b | 5.47b | |
| -2.0m | 15.32b | 12.87b | 11.06b | 9.54b | 8.16b | 6.73b | | | |
| -3.0m | 14.00b | 11.31b | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 4e  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.04a | | | | | |
| 6.0m | | | | 5.32a | 4.91a | 4.44a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.52a | 4.14a | 4.13a | | |
| 4.0m | | 7.48a | 6.80a | 6.44b | 5.70b | 4.97a | 4.06a | 4.02a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.79a | 4.11a | 4.08a | 4.01 |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.35a | 4.34a | 4.27a | 3.98 |
| 1.0m | 6.23a | 6.98a | 7.27b | 6.58b | 5.94 | 4.83a | 4.68a | 4.32 | 3.95 |
| 0.0m | 4.91a | 5.47a | 7.12a | 6.67 | 5.87 | 5.24 | 4.72 | 4.29 | |
| -1.0m | 4.89a | 6.39a | 7.70 | 6.65 | 5.85 | 5.22 | 4.71 | 4.29 | |
| -2.0m | 11.29a | 9.22 | 7.75 | 6.69 | 5.88 | 5.26 | | | |
| -3.0m | 11.55 | 9.40 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.15a | | | |
| 5.0m | | | 5.11a | 5.47a | 5.58a | 5.56a | 5.03 | | |
| 4.0m | | 8.00a | 7.12a | 6.66a | 6.38a | 5.69 | 5.06 | 4.49 | |
| 3.0m | | 9.37b | 8.36 | 7.23 | 6.36 | 5.68 | 5.05 | 4.49 | 4.02 |
| 2.0m | 10.79b | 9.84 | 8.33 | 7.21 | 6.35 | 5.68 | 5.01 | 4.46 | 4.00 |
| 1.0m | 12.05 | 9.85 | 8.33 | 7.22 | 6.38 | 5.60 | 4.94 | 4.41 | 3.96 |
| 0.0m | 12.06 | 9.86 | 8.31 | 7.16 | 6.26 | 5.49 | 4.86 | 4.35 | |
| -1.0m | 11.87 | 9.69 | 8.17 | 7.05 | 6.11 | 5.37 | 4.78 | 4.30 | |
| -2.0m | 11.78 | 9.61 | 8.06 | 6.89 | 6.00 | 5.30 | | | |
| -3.0m | 11.70 | 9.48 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 24 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4


| | | |
|---|-----------|----------------------------------|
| 4f  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.05a |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 4.12a |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 6.18r | 4.76a | 4.70a | 4.50a | 4.34a |
| 0.0m | 4.92a | 5.49a | 7.11a | 7.73r | 6.53a | 5.51a | 5.24a | 4.85a | |
| -1.0m | 4.85a | 6.36a | 9.50b | 8.57b | 7.05a | 6.38a | 5.76a | 5.00 | |
| -2.0m | 11.22a | 10.51b | 9.01b | 7.89b | 7.01b | 6.33b | | | |
| -3.0m | 12.81b | 10.72b | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.28a | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.41a | 6.21a | 5.93a | 5.31 | |
| 3.0m | | 9.36b | 9.39b | 8.50b | 7.57r | 6.89r | 6.28b | 5.31 | 4.49 |
| 2.0m | 10.77b | 10.54b | 10.03b | 9.15b | 8.14b | 7.32b | 6.27 | 5.27 | 4.46 |
| 1.0m | 12.06a | 11.44b | 10.59b | 9.41b | 8.37b | 7.36b | 6.23 | 5.19 | 4.41 |
| 0.0m | 13.78b | 12.33a | 10.77b | 9.44b | 8.40b | 7.42b | 6.10 | 5.10 | |
| -1.0m | 15.06b | 12.63b | 10.85b | 9.51b | 8.48b | 7.33 | 5.98 | 5.02 | |
| -2.0m | 15.32b | 12.87b | 11.06b | 9.54b | 8.16b | 6.73b | | | |
| -3.0m | 14.00b | 11.31b | | | | | | | |

| | | |
|---|-----------|----------------------------------|
| 4f  | DUTY | LEVEL ROAD @ 75% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.05a | | | | | |
| 6.0m | | | | 5.32a | 4.88a | 4.40a | | | |
| 5.0m | | | 5.07a | 5.34a | 5.51a | 4.12a | 4.11a | | |
| 4.0m | | 7.43a | 6.77a | 6.44b | 5.70b | 4.96a | 4.03a | 4.05a | |
| 3.0m | | 8.50b | 7.30b | 6.38b | 5.66b | 4.80a | 4.07a | 4.04a | 4.01 |
| 2.0m | 10.08b | 8.44b | 7.26b | 6.36b | 5.66b | 4.31a | 4.28a | 4.21a | 3.98 |
| 1.0m | 6.24a | 6.98a | 7.27b | 6.57b | 5.94 | 4.76a | 4.70a | 4.32 | 3.95 |
| 0.0m | 4.92a | 5.49a | 7.11a | 6.67 | 5.87 | 5.24 | 4.72 | 4.29 | |
| -1.0m | 4.85a | 6.36a | 7.70 | 6.65 | 5.85 | 5.22 | 4.71 | 4.29 | |
| -2.0m | 11.22a | 9.22 | 7.75 | 6.69 | 5.88 | 5.26 | | | |
| -3.0m | 11.55 | 9.40 | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.60a | | | | | |
| 6.0m | | | | 5.37a | 5.44a | 5.14a | | | |
| 5.0m | | | 5.10a | 5.46a | 5.58a | 5.56a | 5.03 | | |
| 4.0m | | 7.93a | 7.08a | 6.64a | 6.38a | 5.69 | 5.06 | 4.49 | |
| 3.0m | | 9.36b | 8.36b | 7.23 | 6.36 | 5.68 | 5.05 | 4.49 | 4.02 |
| 2.0m | 10.77b | 9.84 | 8.32 | 7.21 | 6.35b | 5.68 | 5.01 | 4.46 | 4.00 |
| 1.0m | 12.04 | 9.85 | 8.33b | 7.22b | 6.37 | 5.60 | 4.94 | 4.41 | 3.96 |
| 0.0m | 12.06 | 9.86 | 8.31 | 7.16 | 6.26 | 5.49 | 4.86 | 4.35 | |
| -1.0m | 11.87 | 9.70 | 8.17 | 7.05 | 6.11 | 5.37 | 4.78 | 4.30 | |
| -2.0m | 11.78 | 9.61 | 8.06 | 6.89 | 6.00 | 5.30 | | | |
| -3.0m | 11.70 | 9.48 | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 25 Of 38 |

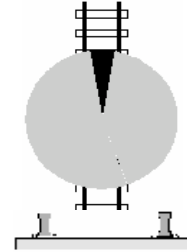
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 5a  | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.63 | 4.13a | 4.11a | 4.02 | 3.64 |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.26 | 5.50 | 4.36a | 4.38 | 3.96 | 3.60 |
| 1.0m | 5.82a | 6.52a | 7.15 | 6.14 | 5.40 | 4.81 | 4.32 | 3.92 | 3.57 |
| 0.0m | 4.81a | 5.34a | 7.05 | 6.08 | 5.34 | 4.76 | 4.28 | 3.89 | |
| -1.0m | 5.85a | 7.54a | 7.05 | 6.07 | 5.33 | 4.74 | 4.27 | | |
| -2.0m | 10.51 | 8.49 | 7.12 | 6.12 | 5.38 | | | | |
| -3.0m | 10.80 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.20 | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.26 | 4.62 | | |
| 4.0m | | 9.20b | 7.83 | 6.76 | 5.93 | 5.27 | 4.64 | 4.10 | |
| 3.0m | | 9.23b | 7.78 | 6.72 | 5.90 | 5.26 | 4.63 | 4.09 | 3.65 |
| 2.0m | 11.07a | 9.20 | 7.76 | 6.70 | 5.90 | 5.21 | 4.58 | 4.06 | 3.62 |
| 1.0m | 11.31 | 9.22 | 7.78b | 6.71 | 5.84 | 5.11 | 4.50 | 4.00 | 3.59 |
| 0.0m | 11.16 | 9.08 | 7.63 | 6.56 | 5.72 | 4.99 | 4.41 | 3.94 | |
| -1.0m | 10.99 | 8.93 | 7.50 | 6.44 | 5.56 | 4.88 | 4.34 | | |
| -2.0m | 10.91 | 8.86 | 7.37 | 6.29 | 5.46 | | | | |
| -3.0m | 10.82 | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 5a  | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.97 | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.06 | 6.19 | 5.51 | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

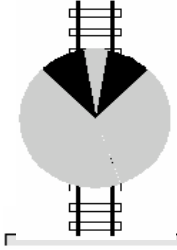
| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 5.86 | 5.18a | |
| 3.0m | | 9.53b | 9.48b | 8.64 | 7.47 | 6.57 | 5.86 | 5.18 | 4.60 |
| 2.0m | 11.07a | 10.85b | 10.17 | 8.60 | 7.45b | 6.56 | 5.83 | 5.14 | 4.58 |
| 1.0m | 12.39b | 11.63b | 10.18 | 8.61 | 7.46 | 6.58 | 5.75 | 5.08 | 4.54 |
| 0.0m | 14.12b | 12.46b | 10.24b | 8.68 | 7.50 | 6.46 | 5.66 | 5.02 | |
| -1.0m | 15.13b | 12.58 | 10.35 | 8.64 | 7.34 | 6.35 | 5.58 | | |
| -2.0m | 15.38b | 12.71 | 10.19 | 8.47 | 7.22 | | | | |
| -3.0m | 13.02b | | | | | | | | |

| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 26 Of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |



0-50mm

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|-----------|-----------|--------------------------------------|
| 5b | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.74 | | | | | |
| 6.0m | | | | 3.75 | 3.22 | 2.79 | | | |
| 5.0m | | | 4.30 | 3.67 | 3.17 | 2.77 | 2.44 | | |
| 4.0m | | 4.94 | 4.10 | 3.52 | 3.07 | 2.70 | 2.39 | 2.13 | |
| 3.0m | | 4.80 | 3.91 | 3.35 | 2.94 | 2.60 | 2.32 | 2.08 | 1.87 |
| 2.0m | 5.75 | 4.56 | 3.74 | 3.19 | 2.82 | 2.51 | 2.25 | 2.03 | 1.83 |
| 1.0m | 5.35 | 4.30 | 3.56 | 3.08 | 2.72 | 2.43 | 2.19 | 1.98 | 1.80 |
| 0.0m | 4.81a | 4.11 | 3.47 | 3.02 | 2.67 | 2.39 | 2.15 | 1.96 | |
| -1.0m | 4.99 | 4.09 | 3.47 | 3.01 | 2.66 | 2.37 | 2.15 | | |
| -2.0m | 5.08 | 4.17 | 3.53 | 3.06 | 2.70 | | | | |
| -3.0m | 5.33 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.76 | | | | | |
| 6.0m | | | | 3.77 | 3.29 | 2.81 | | | |
| 5.0m | | | 4.33 | 3.74 | 3.27 | 2.88 | 2.48 | | |
| 4.0m | | 5.01 | 4.26 | 3.69 | 3.24 | 2.89 | 2.50 | 2.16 | |
| 3.0m | | 4.93 | 4.20 | 3.65 | 3.22 | 2.89 | 2.48 | 2.15 | 1.88 |
| 2.0m | 5.91 | 4.90 | 4.18 | 3.64 | 3.22 | 2.82 | 2.43 | 2.12 | 1.85 |
| 1.0m | 5.90 | 4.90 | 4.17 | 3.60 | 3.14 | 2.72 | 2.36 | 2.06 | 1.82 |
| 0.0m | 5.65 | 4.70 | 4.00 | 3.46 | 3.02 | 2.61 | 2.27 | 2.00 | |
| -1.0m | 5.50 | 4.56 | 3.88 | 3.35 | 2.88 | 2.50 | 2.21 | | |
| -2.0m | 5.43 | 4.50 | 3.76 | 3.21 | 2.78 | | | | |
| -3.0m | 5.35 | | | | | | | | |

| | | |
|-----------|-----------|--------------------------------------|
| 5b | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.96 | | | | | |
| 6.0m | | | | 4.97 | 4.28 | 3.72 | | | |
| 5.0m | | | 5.21a | 4.89 | 4.23 | 3.70 | 3.26 | | |
| 4.0m | | 6.68 | 5.52 | 4.73 | 4.12 | 3.62 | 3.22 | 2.87 | |
| 3.0m | | 6.53 | 5.32 | 4.55 | 3.98 | 3.52 | 3.15 | 2.82 | 2.54 |
| 2.0m | 7.94 | 6.28 | 5.15 | 4.38 | 3.85 | 3.42 | 3.07 | 2.77 | 2.51 |
| 1.0m | 5.82a | 6.00 | 4.96 | 4.26 | 3.76 | 3.35 | 3.01 | 2.72 | 2.48 |
| 0.0m | 4.81a | 5.34a | 4.86 | 4.20 | 3.70 | 3.30 | 2.97 | 2.70 | |
| -1.0m | 5.85a | 5.77 | 4.85 | 4.19 | 3.68 | 3.28 | 2.96 | | |
| -2.0m | 7.22 | 5.86 | 4.92 | 4.24 | 3.73 | | | | |
| -3.0m | 7.49 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.98 | | | | | |
| 6.0m | | | | 5.00 | 4.34 | 3.74 | | | |
| 5.0m | | | 5.28a | 4.96 | 4.33 | 3.81 | 3.30 | | |
| 4.0m | | 6.76 | 5.69 | 4.91 | 4.30 | 3.82 | 3.33 | 2.91 | |
| 3.0m | | 6.67 | 5.63 | 4.87 | 4.28 | 3.82 | 3.31 | 2.90 | 2.55 |
| 2.0m | 8.12 | 6.64 | 5.61 | 4.85 | 4.28 | 3.75 | 3.26 | 2.86 | 2.53 |
| 1.0m | 8.10 | 6.64 | 5.60 | 4.81 | 4.19 | 3.65 | 3.18 | 2.80 | 2.49 |
| 0.0m | 7.83 | 6.42 | 5.42 | 4.67 | 4.07 | 3.53 | 3.09 | 2.74 | |
| -1.0m | 7.67 | 6.28 | 5.30 | 4.55 | 3.92 | 3.42 | 3.02 | | |
| -2.0m | 7.60 | 6.21 | 5.17 | 4.40 | 3.82 | | | | |
| -3.0m | 7.51 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 27 Of 38 |

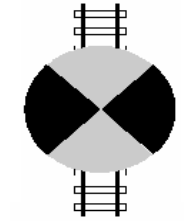
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 5c  | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.33 | | | | | |
| 6.0m | | | | 3.34 | 2.87 | 2.48 | | | |
| 5.0m | | | 3.82 | 3.26 | 2.82 | 2.46 | 2.16 | | |
| 4.0m | | 4.36 | 3.62 | 3.12 | 2.72 | 2.39 | 2.11 | 1.88 | |
| 3.0m | | 4.22 | 3.44 | 2.94 | 2.59 | 2.30 | 2.05 | 1.83 | 1.64 |
| 2.0m | 5.02 | 3.99 | 3.27 | 2.79 | 2.47 | 2.20 | 1.98 | 1.78 | 1.61 |
| 1.0m | 4.64 | 3.74 | 3.10 | 2.68 | 2.38 | 2.13 | 1.92 | 1.74 | 1.58 |
| 0.0m | 4.37 | 3.56 | 3.01 | 2.63 | 2.33 | 2.08 | 1.88 | 1.71 | |
| -1.0m | 4.29 | 3.53 | 3.00 | 2.61 | 2.31 | 2.07 | 1.87 | | |
| -2.0m | 4.38 | 3.61 | 3.07 | 2.66 | 2.36 | | | | |
| -3.0m | 4.62 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.34 | | | | | |
| 6.0m | | | | 3.36 | 2.93 | 2.50 | | | |
| 5.0m | | | 3.85 | 3.33 | 2.92 | 2.57 | 2.20 | | |
| 4.0m | | 4.43 | 3.77 | 3.28 | 2.89 | 2.57 | 2.22 | 1.91 | |
| 3.0m | | 4.35 | 3.72 | 3.24 | 2.86 | 2.57 | 2.20 | 1.90 | 1.65 |
| 2.0m | 5.18 | 4.32 | 3.70 | 3.23 | 2.87 | 2.51 | 2.16 | 1.87 | 1.63 |
| 1.0m | 5.17 | 4.32 | 3.69 | 3.19 | 2.78 | 2.41 | 2.08 | 1.81 | 1.59 |
| 0.0m | 4.93 | 4.12 | 3.52 | 3.06 | 2.67 | 2.30 | 2.00 | 1.75 | |
| -1.0m | 4.78 | 3.99 | 3.41 | 2.95 | 2.53 | 2.20 | 1.93 | | |
| -2.0m | 4.72 | 3.93 | 3.29 | 2.81 | 2.44 | | | | |
| -3.0m | 4.64 | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 5c  | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.63 | | | | | |
| 6.0m | | | | 4.64 | 3.98 | 3.46 | | | |
| 5.0m | | | 5.21a | 4.55 | 3.93 | 3.43 | 3.02 | | |
| 4.0m | | 6.23 | 5.14 | 4.40 | 3.82 | 3.36 | 2.98 | 2.65 | |
| 3.0m | | 6.08 | 4.94 | 4.21 | 3.69 | 3.26 | 2.91 | 2.61 | 2.34 |
| 2.0m | 7.39 | 5.83 | 4.76 | 4.04 | 3.56 | 3.16 | 2.83 | 2.55 | 2.31 |
| 1.0m | 5.82a | 5.55 | 4.57 | 3.93 | 3.46 | 3.08 | 2.77 | 2.50 | 2.28 |
| 0.0m | 4.81a | 5.34a | 4.47 | 3.87 | 3.40 | 3.03 | 2.73 | 2.48 | |
| -1.0m | 5.85a | 5.32 | 4.47 | 3.86 | 3.39 | 3.02 | 2.72 | | |
| -2.0m | 6.66 | 5.41 | 4.54 | 3.91 | 3.44 | | | | |
| -3.0m | 6.94 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.64 | | | | | |
| 6.0m | | | | 4.66 | 4.05 | 3.48 | | | |
| 5.0m | | | 5.28a | 4.62 | 4.04 | 3.55 | 3.07 | | |
| 4.0m | | 6.31 | 5.31 | 4.57 | 4.00 | 3.55 | 3.09 | 2.69 | |
| 3.0m | | 6.22 | 5.25 | 4.53 | 3.98 | 3.55 | 3.07 | 2.68 | 2.35 |
| 2.0m | 7.56 | 6.19 | 5.22 | 4.52 | 3.98 | 3.49 | 3.02 | 2.64 | 2.33 |
| 1.0m | 7.55 | 6.19 | 5.22 | 4.48 | 3.89 | 3.38 | 2.94 | 2.58 | 2.29 |
| 0.0m | 7.28 | 5.97 | 5.04 | 4.34 | 3.77 | 3.26 | 2.85 | 2.52 | |
| -1.0m | 7.12 | 5.82 | 4.91 | 4.22 | 3.62 | 3.15 | 2.78 | | |
| -2.0m | 7.05 | 5.75 | 4.78 | 4.07 | 3.52 | | | | |
| -3.0m | 6.96 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 28 Of 38 |

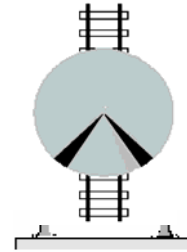
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 5d  | RAIL | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.63 | | | | | |
| 6.0m | | | | 4.64 | 4.04 | 3.55 | | | |
| 5.0m | | | 5.21a | 4.56 | 4.00 | 3.53 | 3.14 | | |
| 4.0m | | 6.04 | 5.09 | 4.43 | 3.89 | 3.46 | 3.10 | 2.78 | |
| 3.0m | | 5.90 | 4.91 | 4.26 | 3.77 | 3.37 | 3.03 | 2.74 | 2.48 |
| 2.0m | 6.99 | 5.68 | 4.75 | 4.10 | 3.65 | 3.28 | 2.96 | 2.69 | 2.45 |
| 1.0m | 5.82a | 5.44 | 4.59 | 4.00 | 3.56 | 3.21 | 2.90 | 2.65 | 2.42 |
| 0.0m | 4.81a | 5.26 | 4.50 | 3.95 | 3.51 | 3.16 | 2.87 | 2.62 | |
| -1.0m | 5.85a | 5.24 | 4.49 | 3.94 | 3.50 | 3.15 | 2.86 | | |
| -2.0m | 6.37 | 5.32 | 4.56 | 3.98 | 3.55 | | | | |
| -3.0m | 6.60 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|------|------|------|------|------|------|
| 7.0m | | | | 4.65 | | | | | |
| 6.0m | | | | 4.66 | 4.10 | 3.57 | | | |
| 5.0m | | | 5.28a | 4.63 | 4.09 | 3.64 | 3.18 | | |
| 4.0m | | 6.10 | 5.24 | 4.58 | 4.06 | 3.64 | 3.20 | 2.82 | |
| 3.0m | | 6.03 | 5.19 | 4.55 | 4.04 | 3.64 | 3.19 | 2.81 | 2.49 |
| 2.0m | 7.14 | 6.00 | 5.17 | 4.53 | 4.04 | 3.58 | 3.14 | 2.77 | 2.47 |
| 1.0m | 7.13 | 6.00 | 5.16 | 4.50 | 3.96 | 3.48 | 3.06 | 2.72 | 2.43 |
| 0.0m | 6.90 | 5.81 | 5.00 | 4.37 | 3.85 | 3.37 | 2.98 | 2.66 | |
| -1.0m | 6.76 | 5.68 | 4.89 | 4.26 | 3.71 | 3.27 | 2.92 | | |
| -2.0m | 6.70 | 5.62 | 4.77 | 4.13 | 3.62 | | | | |
| -3.0m | 6.62 | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 5d  | RAIL | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 3.85 |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.20 | 3.81 |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.53 | 5.73 | 4.94a | 4.58 | 4.15 | 3.78 |
| 0.0m | 4.81a | 5.34a | 7.51 | 6.47 | 5.67 | 5.05 | 4.54 | 4.12 | |
| -1.0m | 5.85a | 7.54a | 7.51 | 6.46 | 5.66 | 5.03 | 4.53 | | |
| -2.0m | 11.27 | 9.07 | 7.58 | 6.51 | 5.71 | | | | |
| -3.0m | 11.57 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.52 | 4.88 | | |
| 4.0m | | 9.20b | 8.24 | 7.10 | 6.23 | 5.53b | 4.90 | 4.33 | |
| 3.0m | | 9.53b | 8.20 | 7.07 | 6.20 | 5.52 | 4.88 | 4.32 | 3.86 |
| 2.0m | 11.07a | 9.71 | 8.17 | 7.05 | 6.19 | 5.50 | 4.83 | 4.29 | 3.83 |
| 1.0m | 11.99 | 9.73b | 8.19 | 7.07b | 6.18 | 5.40 | 4.76 | 4.23 | 3.79 |
| 0.0m | 11.93 | 9.67 | 8.11 | 6.95 | 6.06 | 5.28 | 4.67 | 4.17 | |
| -1.0m | 11.76 | 9.51 | 7.97 | 6.83 | 5.90 | 5.17 | 4.59 | | |
| -2.0m | 11.68 | 9.44 | 7.84 | 6.68 | 5.80 | | | | |
| -3.0m | 11.58 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 29 Of 38 |

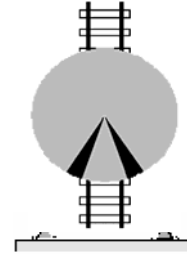
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 5e  | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




0-50mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 3.90 |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.23 | 3.87 |
| 1.0m | 5.82a | 6.52a | 7.34 | 6.38 | 5.66 | 4.94a | 4.59 | 4.18 | 3.84 |
| 0.0m | 4.81a | 5.34a | 7.24 | 6.32 | 5.60 | 5.03 | 4.55 | 4.16 | |
| -1.0m | 5.85a | 7.54a | 7.24 | 6.31 | 5.59 | 5.01 | 4.55 | | |
| -2.0m | 10.36 | 8.57 | 7.30 | 6.36 | 5.64 | | | | |
| -3.0m | 10.61 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.48 | 4.87 | | |
| 4.0m | | 9.20b | 7.94 | 6.93 | 6.13 | 5.49 | 4.89a | 4.36 | |
| 3.0m | | 9.24 | 7.90 | 6.89 | 6.10b | 5.47 | 4.87 | 4.35 | 3.91 |
| 2.0m | 11.07 | 9.20 | 7.87 | 6.87 | 6.10 | 5.45 | 4.83 | 4.32 | 3.88 |
| 1.0m | 11.09 | 9.22 | 7.89 | 6.90 | 6.07 | 5.36 | 4.76 | 4.26 | 3.85 |
| 0.0m | 10.93 | 9.10 | 7.77 | 6.76 | 5.96 | 5.25 | 4.67 | 4.20 | |
| -1.0m | 10.78 | 8.96 | 7.65 | 6.65 | 5.81 | 5.14 | 4.61 | | |
| -2.0m | 10.72 | 8.90 | 7.53 | 6.51 | 5.72 | | | | |
| -3.0m | 10.63 | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 5e  | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.93 | 6.25b | 5.64 | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.17 | 8.80b | 7.75 | 6.92b | 6.25 | 5.61 | 5.06 |
| 1.0m | 12.39b | 11.63b | 10.17 | 8.80 | 7.75 | 6.94 | 6.21 | 5.56 | 5.03 |
| 0.0m | 14.12b | 12.11 | 10.23 | 8.86 | 7.83 | 6.89 | 6.13 | 5.51 | |
| -1.0m | 14.95 | 12.24 | 10.32 | 8.86 | 7.70 | 6.79 | 6.07 | | |
| -2.0m | 15.00 | 12.19 | 10.18 | 8.72 | 7.61 | | | | |
| -3.0m | 13.02b | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 30 Of 38 |

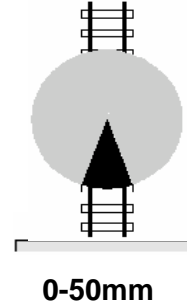
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--------------------------------------|
| 5f  | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.98b | 6.44b | 6.03a | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.19b | 9.23b | 8.21b | 7.39r | 6.74r | 6.23b | 5.54a |
| 1.0m | 12.39b | 11.63b | 10.65b | 9.41b | 8.38b | 7.54b | 6.86b | 6.30b | 5.54a |
| 0.0m | 14.12b | 12.46b | 10.78b | 9.45b | 8.41b | 7.57b | 6.91b | 6.19b | |
| -1.0m | 15.13b | 12.66b | 10.88b | 9.54b | 8.53b | 7.60b | 6.55b | | |
| -2.0m | 15.38b | 12.90b | 10.95b | 9.32b | 7.83b | | | | |
| -3.0m | 13.02b | | | | | | | | |

| | | |
|---|-----------|--------------------------------------|
| 5f  | DUTY | 0 to 50mm CANT @ 75% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.98b | 6.44b | 6.03a | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.19b | 9.23b | 8.21b | 7.39r | 6.74r | 6.23b | 5.54a |
| 1.0m | 12.39b | 11.63b | 10.65b | 9.41b | 8.38b | 7.54b | 6.86b | 6.30b | 5.54a |
| 0.0m | 14.12b | 12.46b | 10.78b | 9.45b | 8.41b | 7.57b | 6.91b | 6.19b | |
| -1.0m | 15.13b | 12.66b | 10.88b | 9.54b | 8.53b | 7.60b | 6.55b | | |
| -2.0m | 15.38b | 12.90b | 10.95b | 9.32b | 7.83b | | | | |
| -3.0m | 13.02b | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 31 of 38 |

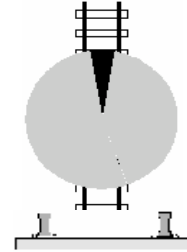
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 6a  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|------|-------|------|------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 4.77 | 4.17 | | | |
| 5.0m | | | 5.21a | 5.42 | 4.72 | 4.10a | 3.68 | | |
| 4.0m | | 7.35 | 6.12 | 5.27 | 4.61 | 4.08 | 3.64 | 3.26 | |
| 3.0m | | 7.20 | 5.93 | 5.09 | 4.48 | 3.98 | 3.57 | 3.22 | 2.91 |
| 2.0m | 8.69 | 6.96 | 5.76 | 4.93 | 4.35 | 3.88 | 3.49 | 3.16 | 2.88 |
| 1.0m | 5.82a | 6.52a | 5.57 | 4.82 | 4.26 | 3.81 | 3.43 | 3.12 | 2.85 |
| 0.0m | 4.81a | 5.34a | 5.48 | 4.76 | 4.20 | 3.76 | 3.39 | 3.09 | |
| -1.0m | 5.85a | 6.46 | 5.47 | 4.75 | 4.19 | 3.74 | 3.39 | | |
| -2.0m | 7.99 | 6.55 | 5.54 | 4.80 | 4.24 | | | | |
| -3.0m | 8.26 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|-------|------|------|------|------|------|
| 7.0m | | | | 5.51 | | | | | |
| 6.0m | | | | 5.33a | 4.83 | 4.19 | | | |
| 5.0m | | | 5.28a | 5.49 | 4.82 | 4.26 | 3.72 | | |
| 4.0m | | 7.42 | 6.29 | 5.44 | 4.79 | 4.27 | 3.75 | 3.30 | |
| 3.0m | | 7.33 | 6.23 | 5.40 | 4.77 | 4.27 | 3.73 | 3.29 | 2.92 |
| 2.0m | 8.86 | 7.30 | 6.21 | 5.39 | 4.77 | 4.20 | 3.68 | 3.25 | 2.89 |
| 1.0m | 8.84 | 7.31 | 6.20 | 5.35 | 4.68 | 4.10 | 3.60 | 3.19 | 2.86 |
| 0.0m | 8.58 | 7.09 | 6.02 | 5.21 | 4.57 | 3.98 | 3.52 | 3.14 | |
| -1.0m | 8.43 | 6.95 | 5.90 | 5.10 | 4.41 | 3.88 | 3.45 | | |
| -2.0m | 8.36 | 6.89 | 5.78 | 4.95 | 4.32 | | | | |
| -3.0m | 8.27 | | | | | | | | |

| | | |
|---|-----------|--|
| 6a  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±10° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 3.72 |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.33 | 5.58 | 4.36a | 4.39a | 4.05 | 3.69 |
| 1.0m | 5.82a | 6.52a | 7.20 | 6.21 | 5.48 | 4.89 | 4.41 | 4.00 | 3.66 |
| 0.0m | 4.81a | 5.34a | 7.10 | 6.15 | 5.42 | 4.84 | 4.37 | 3.97 | |
| -1.0m | 5.85a | 7.54a | 7.10 | 6.14 | 5.41 | 4.83 | 4.36 | | |
| -2.0m | 10.44 | 8.51 | 7.17 | 6.19 | 5.46 | | | | |
| -3.0m | 10.71 | | | | | | | | |

UPPER SWL

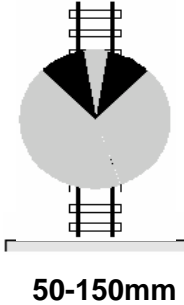
| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|-------|-------|-------|-------|-------|------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.27 | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.33 | 4.70 | | |
| 4.0m | | 9.20b | 7.86 | 6.81 | 5.99b | 5.34b | 4.72 | 4.18 | |
| 3.0m | | 9.22 | 7.81b | 6.77 | 5.96 | 5.33 | 4.70 | 4.17 | 3.73 |
| 2.0m | 11.07a | 9.18 | 7.78b | 6.75 | 5.96 | 5.28 | 4.65 | 4.14 | 3.71 |
| 1.0m | 11.22 | 9.20 | 7.80 | 6.76 | 5.91 | 5.19 | 4.58 | 4.08 | 3.67 |
| 0.0m | 11.05 | 9.07 | 7.67 | 6.62 | 5.79 | 5.07 | 4.49 | 4.02 | |
| -1.0m | 10.89 | 8.92 | 7.54 | 6.50 | 5.64 | 4.96 | 4.42 | | |
| -2.0m | 10.82 | 8.85 | 7.41 | 6.35 | 5.54 | | | | |
| -3.0m | 10.73 | | | | | | | | |

| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 32 of 38 |

GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|-----------|-----------|--|
| 6b | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.10 | | | | | |
| 6.0m | | | | 3.11 | 2.67 | 2.31 | | | |
| 5.0m | | | 3.54 | 3.03 | 2.62 | 2.29 | 2.01 | | |
| 4.0m | | 4.02 | 3.35 | 2.89 | 2.52 | 2.22 | 1.97 | 1.74 | |
| 3.0m | | 3.89 | 3.17 | 2.72 | 2.40 | 2.13 | 1.90 | 1.70 | 1.52 |
| 2.0m | 4.60 | 3.67 | 3.01 | 2.57 | 2.28 | 2.04 | 1.83 | 1.65 | 1.49 |
| 1.0m | 4.24 | 3.43 | 2.84 | 2.47 | 2.19 | 1.97 | 1.77 | 1.61 | 1.46 |
| 0.0m | 3.97 | 3.25 | 2.75 | 2.41 | 2.14 | 1.92 | 1.74 | 1.58 | |
| -1.0m | 3.90 | 3.23 | 2.75 | 2.40 | 2.13 | 1.91 | 1.73 | | |
| -2.0m | 3.98 | 3.30 | 2.81 | 2.45 | 2.18 | | | | |
| -3.0m | 4.22 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.11 | | | | | |
| 6.0m | | | | 3.13 | 2.73 | 2.33 | | | |
| 5.0m | | | 3.57 | 3.10 | 2.72 | 2.40 | 2.05 | | |
| 4.0m | | 4.09 | 3.50 | 3.05 | 2.69 | 2.40 | 2.07 | 1.78 | |
| 3.0m | | 4.01 | 3.45 | 3.01 | 2.67 | 2.40 | 2.06 | 1.77 | 1.53 |
| 2.0m | 4.75 | 3.98 | 3.42 | 3.00 | 2.67 | 2.34 | 2.01 | 1.73 | 1.51 |
| 1.0m | 4.74 | 3.99 | 3.42 | 2.96 | 2.59 | 2.24 | 1.93 | 1.68 | 1.47 |
| 0.0m | 4.51 | 3.80 | 3.26 | 2.83 | 2.48 | 2.13 | 1.85 | 1.62 | |
| -1.0m | 4.37 | 3.67 | 3.15 | 2.73 | 2.34 | 2.03 | 1.79 | | |
| -2.0m | 4.31 | 3.61 | 3.03 | 2.59 | 2.25 | | | | |
| -3.0m | 4.23 | | | | | | | | |

| | | |
|-----------|-----------|--|
| 6b | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±10° to ±45° OVER OSCILLATING AXLE |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.15 | | | | | |
| 6.0m | | | | 4.16 | 3.57 | 3.08 | | | |
| 5.0m | | | 4.81 | 4.08 | 3.51 | 3.06 | 2.68 | | |
| 4.0m | | 5.59 | 4.59 | 3.92 | 3.40 | 2.98 | 2.64 | 2.34 | |
| 3.0m | | 5.43 | 4.39 | 3.74 | 3.27 | 2.88 | 2.57 | 2.29 | 2.06 |
| 2.0m | 6.60 | 5.18 | 4.22 | 3.57 | 3.14 | 2.78 | 2.49 | 2.24 | 2.02 |
| 1.0m | 5.82a | 4.90 | 4.03 | 3.45 | 3.04 | 2.71 | 2.43 | 2.19 | 1.99 |
| 0.0m | 4.81a | 4.70 | 3.93 | 3.39 | 2.99 | 2.66 | 2.39 | 2.17 | |
| -1.0m | 5.78 | 4.67 | 3.92 | 3.38 | 2.97 | 2.64 | 2.38 | | |
| -2.0m | 5.88 | 4.76 | 3.99 | 3.44 | 3.02 | | | | |
| -3.0m | 6.15 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 4.17 | | | | | |
| 6.0m | | | | 4.19 | 3.63 | 3.10 | | | |
| 5.0m | | | 4.84 | 4.15 | 3.62 | 3.17 | 2.72 | | |
| 4.0m | | 5.66 | 4.76 | 4.10 | 3.59 | 3.18 | 2.75 | 2.38 | |
| 3.0m | | 5.57 | 4.70 | 4.06 | 3.56 | 3.18 | 2.73 | 2.37 | 2.06 |
| 2.0m | 6.78 | 5.54 | 4.68 | 4.04 | 3.56 | 3.11 | 2.68 | 2.33 | 2.04 |
| 1.0m | 6.77 | 5.55 | 4.67 | 4.00 | 3.47 | 3.01 | 2.60 | 2.27 | 2.00 |
| 0.0m | 6.50 | 5.33 | 4.49 | 3.86 | 3.36 | 2.89 | 2.51 | 2.21 | |
| -1.0m | 6.33 | 5.18 | 4.37 | 3.74 | 3.20 | 2.78 | 2.44 | | |
| -2.0m | 6.26 | 5.11 | 4.24 | 3.59 | 3.10 | | | | |
| -3.0m | 6.17 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 33 of 38 |

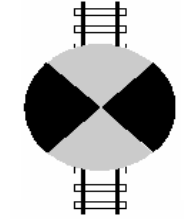
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 6c  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.82 | | | | | |
| 6.0m | | | | 2.83 | 2.42 | 2.08 | | | |
| 5.0m | | | 3.22 | 2.75 | 2.37 | 2.06 | 1.80 | | |
| 4.0m | | 3.65 | 3.03 | 2.61 | 2.27 | 1.99 | 1.76 | 1.55 | |
| 3.0m | | 3.52 | 2.85 | 2.44 | 2.15 | 1.90 | 1.69 | 1.51 | 1.34 |
| 2.0m | 4.16 | 3.30 | 2.69 | 2.29 | 2.03 | 1.81 | 1.62 | 1.46 | 1.31 |
| 1.0m | 3.80 | 3.06 | 2.53 | 2.18 | 1.94 | 1.74 | 1.57 | 1.42 | 1.28 |
| 0.0m | 3.53 | 2.88 | 2.43 | 2.13 | 1.89 | 1.69 | 1.53 | 1.39 | |
| -1.0m | 3.46 | 2.86 | 2.43 | 2.12 | 1.88 | 1.68 | 1.52 | | |
| -2.0m | 3.55 | 2.93 | 2.49 | 2.17 | 1.92 | | | | |
| -3.0m | 3.78 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.83 | | | | | |
| 6.0m | | | | 2.85 | 2.48 | 2.10 | | | |
| 5.0m | | | 3.25 | 2.81 | 2.47 | 2.17 | 1.84 | | |
| 4.0m | | 3.72 | 3.18 | 2.77 | 2.44 | 2.18 | 1.86 | 1.59 | |
| 3.0m | | 3.64 | 3.13 | 2.73 | 2.42 | 2.17 | 1.85 | 1.58 | 1.35 |
| 2.0m | 4.31 | 3.62 | 3.11 | 2.72 | 2.42 | 2.11 | 1.80 | 1.54 | 1.33 |
| 1.0m | 4.30 | 3.62 | 3.10 | 2.68 | 2.34 | 2.02 | 1.73 | 1.49 | 1.30 |
| 0.0m | 4.07 | 3.43 | 2.94 | 2.55 | 2.23 | 1.91 | 1.65 | 1.43 | |
| -1.0m | 3.93 | 3.30 | 2.83 | 2.45 | 2.09 | 1.81 | 1.58 | | |
| -2.0m | 3.87 | 3.24 | 2.71 | 2.31 | 2.00 | | | | |
| -3.0m | 3.80 | | | | | | | | |

| | | |
|---|-----------|--|
| 6c  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±45° to ±135° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.83 | | | | | |
| 6.0m | | | | 3.85 | 3.30 | 2.85 | | | |
| 5.0m | | | 4.43 | 3.76 | 3.24 | 2.83 | 2.48 | | |
| 4.0m | | 5.11 | 4.22 | 3.61 | 3.14 | 2.75 | 2.44 | 2.16 | |
| 3.0m | | 4.96 | 4.02 | 3.43 | 3.00 | 2.66 | 2.37 | 2.12 | 1.90 |
| 2.0m | 5.98 | 4.72 | 3.85 | 3.27 | 2.88 | 2.56 | 2.29 | 2.06 | 1.86 |
| 1.0m | 5.57 | 4.45 | 3.67 | 3.15 | 2.78 | 2.48 | 2.23 | 2.02 | 1.83 |
| 0.0m | 4.81a | 4.25 | 3.57 | 3.10 | 2.73 | 2.44 | 2.19 | 1.99 | |
| -1.0m | 5.20 | 4.23 | 3.57 | 3.08 | 2.71 | 2.42 | 2.18 | | |
| -2.0m | 5.29 | 4.31 | 3.63 | 3.14 | 2.76 | | | | |
| -3.0m | 5.55 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.85 | | | | | |
| 6.0m | | | | 3.87 | 3.36 | 2.87 | | | |
| 5.0m | | | 4.46 | 3.83 | 3.35 | 2.94 | 2.52 | | |
| 4.0m | | 5.18 | 4.38 | 3.78 | 3.32 | 2.95 | 2.54 | 2.20 | |
| 3.0m | | 5.10 | 4.32 | 3.74 | 3.29 | 2.94 | 2.53 | 2.19 | 1.90 |
| 2.0m | 6.15 | 5.07 | 4.30 | 3.73 | 3.29 | 2.88 | 2.48 | 2.15 | 1.88 |
| 1.0m | 6.14 | 5.07 | 4.29 | 3.69 | 3.21 | 2.78 | 2.40 | 2.09 | 1.84 |
| 0.0m | 5.88 | 4.86 | 4.12 | 3.55 | 3.09 | 2.66 | 2.31 | 2.04 | |
| -1.0m | 5.73 | 4.72 | 3.99 | 3.43 | 2.94 | 2.55 | 2.25 | | |
| -2.0m | 5.66 | 4.65 | 3.87 | 3.29 | 2.85 | | | | |
| -3.0m | 5.57 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 34 Of 38 |

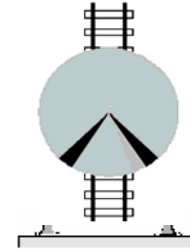
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 6d  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.68 | | | | | |
| 6.0m | | | | 3.69 | 3.20 | 2.80 | | | |
| 5.0m | | | 4.19 | 3.61 | 3.15 | 2.78 | 2.46 | | |
| 4.0m | | 4.75 | 4.00 | 3.48 | 3.06 | 2.71 | 2.42 | 2.16 | |
| 3.0m | | 4.62 | 3.83 | 3.31 | 2.93 | 2.62 | 2.35 | 2.12 | 1.91 |
| 2.0m | 5.44 | 4.41 | 3.67 | 3.16 | 2.82 | 2.53 | 2.28 | 2.07 | 1.88 |
| 1.0m | 5.09 | 4.17 | 3.51 | 3.06 | 2.73 | 2.46 | 2.23 | 2.03 | 1.85 |
| 0.0m | 4.81a | 4.00 | 3.42 | 3.01 | 2.68 | 2.41 | 2.19 | 2.00 | |
| -1.0m | 4.76 | 3.98 | 3.42 | 3.00 | 2.67 | 2.40 | 2.18 | | |
| -2.0m | 4.84 | 4.05 | 3.48 | 3.05 | 2.71 | | | | |
| -3.0m | 5.07 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.69 | | | | | |
| 6.0m | | | | 3.71 | 3.26 | 2.82 | | | |
| 5.0m | | | 4.22 | 3.68 | 3.25 | 2.88 | 2.50 | | |
| 4.0m | | 4.82 | 4.15 | 3.63 | 3.22 | 2.89 | 2.52 | 2.19 | |
| 3.0m | | 4.74 | 4.09 | 3.59 | 3.20 | 2.88 | 2.50 | 2.19 | 1.92 |
| 2.0m | 5.58 | 4.71 | 4.07 | 3.58 | 3.20 | 2.83 | 2.46 | 2.15 | 1.90 |
| 1.0m | 5.57 | 4.72 | 4.06 | 3.55 | 3.12 | 2.73 | 2.38 | 2.10 | 1.86 |
| 0.0m | 5.35 | 4.53 | 3.91 | 3.42 | 3.01 | 2.62 | 2.30 | 2.04 | |
| -1.0m | 5.22 | 4.41 | 3.80 | 3.32 | 2.88 | 2.52 | 2.24 | | |
| -2.0m | 5.16 | 4.35 | 3.69 | 3.18 | 2.79 | | | | |
| -3.0m | 5.08 | | | | | | | | |

| | | |
|---|-----------|--|
| 6d  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±135° to ±150° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|------|-------|------|------|------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 4.83 | 4.25 | | | |
| 5.0m | | | 5.21a | 5.45a | 4.78 | 4.10a | 3.77 | | |
| 4.0m | | 7.27 | 6.12 | 5.32 | 4.68 | 4.16 | 3.73 | 3.36 | |
| 3.0m | | 7.13 | 5.94 | 5.14 | 4.55 | 4.07 | 3.66 | 3.31 | 3.01 |
| 2.0m | 8.49 | 6.90 | 5.78 | 4.99 | 4.43 | 3.97 | 3.59 | 3.26 | 2.97 |
| 1.0m | 5.82a | 6.52a | 5.61 | 4.88 | 4.34 | 3.90 | 3.53 | 3.22 | 2.95 |
| 0.0m | 4.81a | 5.34a | 5.51 | 4.83 | 4.29 | 3.85 | 3.49 | 3.19 | |
| -1.0m | 5.85a | 6.44 | 5.51 | 4.82 | 4.27 | 3.84 | 3.48 | | |
| -2.0m | 7.85 | 6.52 | 5.57 | 4.87 | 4.32 | | | | |
| -3.0m | 8.09 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|-------|------|------|------|------|------|
| 7.0m | | | | 5.54 | | | | | |
| 6.0m | | | | 5.33a | 4.89 | 4.27 | | | |
| 5.0m | | | 5.28a | 5.53 | 4.88 | 4.34 | 3.81 | | |
| 4.0m | | 7.34 | 6.28 | 5.48 | 4.85 | 4.34 | 3.83 | 3.39 | |
| 3.0m | | 7.26 | 6.22 | 5.44 | 4.83 | 4.34 | 3.82 | 3.38 | 3.01 |
| 2.0m | 8.65 | 7.23 | 6.20 | 5.43 | 4.83 | 4.28 | 3.77 | 3.34 | 2.99 |
| 1.0m | 8.64 | 7.23 | 6.19 | 5.39 | 4.75 | 4.18 | 3.69 | 3.29 | 2.96 |
| 0.0m | 8.40 | 7.03 | 6.03 | 5.26 | 4.63 | 4.07 | 3.61 | 3.23 | |
| -1.0m | 8.25 | 6.90 | 5.92 | 5.15 | 4.49 | 3.97 | 3.54 | | |
| -2.0m | 8.19 | 6.84 | 5.80 | 5.01 | 4.40 | | | | |
| -3.0m | 8.11 | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 35 Of 38 |

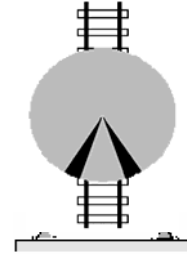
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 6e  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|-------|-------|-------|------|------|------|------|------|
| 7.0m | | | | 5.28 | | | | | |
| 6.0m | | | | 5.27a | 4.63 | 4.08 | | | |
| 5.0m | | | 5.21a | 5.22 | 4.58 | 4.06 | 3.62 | | |
| 4.0m | | 6.89 | 5.83 | 5.08 | 4.48 | 3.99 | 3.58 | 3.23 | |
| 3.0m | | 6.76 | 5.65 | 4.91 | 4.35 | 3.90 | 3.51 | 3.18 | 2.89 |
| 2.0m | 8.00 | 6.54 | 5.49 | 4.76 | 4.24 | 3.81 | 3.44 | 3.13 | 2.86 |
| 1.0m | 5.82a | 6.30 | 5.33 | 4.65 | 4.15 | 3.73 | 3.38 | 3.09 | 2.83 |
| 0.0m | 4.81a | 5.34a | 5.24 | 4.60 | 4.10 | 3.69 | 3.35 | 3.06 | |
| -1.0m | 5.85a | 6.10 | 5.23 | 4.59 | 4.08 | 3.67 | 3.34 | | |
| -2.0m | 7.39 | 6.17 | 5.30 | 4.64 | 4.13 | | | | |
| -3.0m | 7.62 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|-------|------|------|------|------|------|------|
| 7.0m | | | | 5.30 | | | | | |
| 6.0m | | | | 5.32 | 4.69 | 4.10 | | | |
| 5.0m | | | 5.28a | 5.28 | 4.67 | 4.16 | 3.66 | | |
| 4.0m | | 6.96 | 5.98 | 5.24 | 4.65 | 4.17 | 3.68 | 3.26 | |
| 3.0m | | 6.88 | 5.93 | 5.20 | 4.62 | 4.17 | 3.67 | 3.25 | 2.90 |
| 2.0m | 8.15 | 6.85 | 5.91 | 5.19 | 4.62 | 4.11 | 3.62 | 3.22 | 2.88 |
| 1.0m | 8.14 | 6.86 | 5.90 | 5.15 | 4.54 | 4.01 | 3.55 | 3.16 | 2.84 |
| 0.0m | 7.91 | 6.67 | 5.74 | 5.02 | 4.44 | 3.90 | 3.46 | 3.11 | |
| -1.0m | 7.77 | 6.54 | 5.63 | 4.91 | 4.29 | 3.80 | 3.40 | | |
| -2.0m | 7.71 | 6.48 | 5.51 | 4.78 | 4.21 | | | | |
| -3.0m | 7.64 | | | | | | | | |

| | | |
|---|-----------|--|
| 6e  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±150° to ±160° |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.92 | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.09 | 6.18 | 5.48 | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|------|------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 5.84 | 5.14 | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.51 | 6.57 | 5.84 | 5.14 | 4.55 |
| 2.0m | 11.07a | 10.85b | 10.19b | 8.69b | 7.48 | 6.56b | 5.80 | 5.10 | 4.52 |
| 1.0m | 12.39b | 11.63b | 10.34 | 8.70 | 7.50 | 6.59 | 5.73 | 5.04 | 4.48 |
| 0.0m | 14.12b | 12.46b | 10.41 | 8.76 | 7.54 | 6.46 | 5.63 | 4.98 | |
| -1.0m | 15.13b | 12.66b | 10.57b | 8.75 | 7.37 | 6.34 | 5.55 | | |
| -2.0m | 15.38b | 12.90b | 10.41 | 8.56 | 7.25 | | | | |
| -3.0m | 13.02b | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
| PAGE | 36 of 38 |

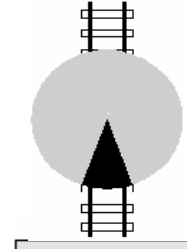
GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|--|
| 6f  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




50-150mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.98b | 6.44b | 6.03a | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.19b | 9.23b | 8.21b | 7.39r | 6.74r | 6.23b | 5.54a |
| 1.0m | 12.39b | 11.63b | 10.65b | 9.41b | 8.38b | 7.54b | 6.86b | 6.30b | 5.54a |
| 0.0m | 14.12b | 12.46b | 10.78b | 9.45b | 8.41b | 7.57b | 6.91b | 6.19b | |
| -1.0m | 15.13b | 12.66b | 10.88b | 9.54b | 8.53b | 7.60b | 6.55b | | |
| -2.0m | 15.38b | 12.90b | 10.95b | 9.32b | 7.83b | | | | |
| -3.0m | 13.02b | | | | | | | | |

| | | |
|---|-----------|--|
| 6f  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.38a | | | | | |
| 6.0m | | | | 5.27a | 5.25a | 4.36a | | | |
| 5.0m | | | 5.21a | 5.45a | 5.60a | 4.10a | 4.10a | | |
| 4.0m | | 8.58b | 7.36b | 6.43b | 5.69b | 5.06a | 4.05a | 4.03a | |
| 3.0m | | 8.48b | 7.29b | 6.37b | 5.66b | 4.13a | 4.11a | 4.07a | 4.03a |
| 2.0m | 9.79a | 8.44b | 7.26b | 6.36b | 5.66b | 4.36a | 4.39a | 4.33a | 4.16a |
| 1.0m | 5.82a | 6.52a | 7.50b | 6.83r | 6.35r | 4.94a | 4.81a | 4.62a | 4.40a |
| 0.0m | 4.81a | 5.34a | 7.66a | 8.00r | 5.97a | 5.63a | 5.32a | 4.98a | |
| -1.0m | 5.85a | 7.54a | 9.27b | 8.02a | 7.36a | 6.63a | 5.83a | | |
| -2.0m | 12.62b | 10.54b | 9.04b | 7.91b | 7.04b | | | | |
| -3.0m | 12.94b | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 7.0m | | | | 5.62a | | | | | |
| 6.0m | | | | 5.33a | 5.44a | 5.30a | | | |
| 5.0m | | | 5.28a | 5.58a | 5.67a | 5.64a | 5.42a | | |
| 4.0m | | 9.20b | 8.41a | 7.30a | 6.79a | 6.46r | 6.07a | 5.50a | |
| 3.0m | | 9.53b | 9.48b | 8.65b | 7.70r | 6.98b | 6.44b | 6.03a | 4.82a |
| 2.0m | 11.07a | 10.85b | 10.19b | 9.23b | 8.21b | 7.39r | 6.74r | 6.23b | 5.54a |
| 1.0m | 12.39b | 11.63b | 10.65b | 9.41b | 8.38b | 7.54b | 6.86b | 6.30b | 5.54a |
| 0.0m | 14.12b | 12.46b | 10.78b | 9.45b | 8.41b | 7.57b | 6.91b | 6.19b | |
| -1.0m | 15.13b | 12.66b | 10.88b | 9.54b | 8.53b | 7.60b | 6.55b | | |
| -2.0m | 15.38b | 12.90b | 10.95b | 9.32b | 7.83b | | | | |
| -3.0m | 13.02b | | | | | | | | |


| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
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GIGARAILER

by REXQUOTE

| | |
|---------------|-----------------------------|
| MACHINE TYPE | TEREX 2804GR |
| SERIAL NUMBER | 168M301647 |
| BOGIE NUMBER | 2022 |
| EQUIPMENT | Boom 1m92 Artic 3m3 Arm 2m0 |
| DATE | 09 February 2006 |
| ISSUE | 1 |

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

| | | |
|---|-----------|---|
| 6+  | DUTY | 150 to 177mm CANT @ 75% of tipping load |
| | SECTOR | 360° Duty |
| | OSC. AXLE | FLOAT (LIFT & CARRY) |




150-177mm

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.74 | | | | | |
| 6.0m | | | | 2.75 | 2.35 | 2.02 | | | |
| 5.0m | | | 3.14 | 2.67 | 2.30 | 2.00 | 1.74 | | |
| 4.0m | | 3.57 | 2.95 | 2.53 | 2.20 | 1.93 | 1.69 | 1.49 | |
| 3.0m | | 3.43 | 2.77 | 2.36 | 2.07 | 1.83 | 1.63 | 1.45 | 1.29 |
| 2.0m | 4.07 | 3.21 | 2.61 | 2.21 | 1.95 | 1.74 | 1.56 | 1.40 | 1.25 |
| 1.0m | 3.70 | 2.96 | 2.44 | 2.10 | 1.87 | 1.67 | 1.50 | 1.35 | 1.22 |
| 0.0m | 3.43 | 2.78 | 2.34 | 2.05 | 1.81 | 1.62 | 1.46 | 1.33 | |
| -1.0m | 3.36 | 2.76 | 2.34 | 2.04 | 1.80 | 1.61 | 1.45 | | |
| -2.0m | 3.44 | 2.84 | 2.40 | 2.09 | 1.85 | | | | |
| -3.0m | 3.68 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 2.76 | | | | | |
| 6.0m | | | | 2.77 | 2.41 | 2.04 | | | |
| 5.0m | | | 3.17 | 2.74 | 2.40 | 2.10 | 1.78 | | |
| 4.0m | | 3.64 | 3.10 | 2.69 | 2.37 | 2.11 | 1.80 | 1.53 | |
| 3.0m | | 3.56 | 3.05 | 2.65 | 2.35 | 2.11 | 1.78 | 1.52 | 1.29 |
| 2.0m | 4.22 | 3.53 | 3.02 | 2.64 | 2.35 | 2.05 | 1.73 | 1.48 | 1.27 |
| 1.0m | 4.21 | 3.53 | 3.01 | 2.60 | 2.27 | 1.95 | 1.66 | 1.43 | 1.24 |
| 0.0m | 3.98 | 3.34 | 2.85 | 2.47 | 2.16 | 1.84 | 1.58 | 1.37 | |
| -1.0m | 3.84 | 3.21 | 2.74 | 2.37 | 2.01 | 1.73 | 1.51 | | |
| -2.0m | 3.78 | 3.15 | 2.63 | 2.23 | 1.92 | | | | |
| -3.0m | 3.70 | | | | | | | | |

| | | |
|---|-----------|--|
| 6+  | DUTY | 50 to 150mm CANT @ 75% of tipping load |
| | SECTOR | ±20° OVER FIXED AXLE (REAR) |
| | OSC. AXLE | LOCKED (STATIC LIFT ONLY) |

LOWER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|-------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.80 | | | | | |
| 6.0m | | | | 3.81 | 3.25 | 2.80 | | | |
| 5.0m | | | 4.40 | 3.72 | 3.20 | 2.78 | 2.43 | | |
| 4.0m | | 5.11 | 4.19 | 3.57 | 3.09 | 2.70 | 2.38 | 2.11 | |
| 3.0m | | 4.95 | 3.99 | 3.38 | 2.95 | 2.60 | 2.31 | 2.06 | 1.84 |
| 2.0m | 6.02 | 4.70 | 3.81 | 3.22 | 2.83 | 2.51 | 2.24 | 2.01 | 1.81 |
| 1.0m | 5.59 | 4.42 | 3.62 | 3.10 | 2.73 | 2.43 | 2.18 | 1.96 | 1.78 |
| 0.0m | 4.81a | 4.22 | 3.52 | 3.04 | 2.67 | 2.38 | 2.14 | 1.93 | |
| -1.0m | 5.20 | 4.19 | 3.52 | 3.03 | 2.66 | 2.36 | 2.13 | | |
| -2.0m | 5.30 | 4.28 | 3.59 | 3.08 | 2.71 | | | | |
| -3.0m | 5.57 | | | | | | | | |

UPPER SWL

| | 3.0m | 3.5m | 4.0m | 4.5m | 5.0m | 5.5m | 6.0m | 6.5m | 7.0m |
|-------|------|------|------|------|------|------|------|------|------|
| 7.0m | | | | 3.82 | | | | | |
| 6.0m | | | | 3.83 | 3.32 | 2.82 | | | |
| 5.0m | | | 4.44 | 3.80 | 3.30 | 2.89 | 2.47 | | |
| 4.0m | | 5.18 | 4.36 | 3.74 | 3.27 | 2.90 | 2.50 | 2.15 | |
| 3.0m | | 5.10 | 4.30 | 3.70 | 3.25 | 2.90 | 2.48 | 2.14 | 1.85 |
| 2.0m | 6.20 | 5.06 | 4.27 | 3.69 | 3.25 | 2.83 | 2.43 | 2.10 | 1.83 |
| 1.0m | 6.18 | 5.07 | 4.26 | 3.65 | 3.16 | 2.73 | 2.35 | 2.04 | 1.79 |
| 0.0m | 5.91 | 4.85 | 4.08 | 3.51 | 3.04 | 2.61 | 2.26 | 1.98 | |
| -1.0m | 5.75 | 4.70 | 3.96 | 3.39 | 2.89 | 2.50 | 2.19 | | |
| -2.0m | 5.68 | 4.63 | 3.83 | 3.24 | 2.79 | | | | |
| -3.0m | 5.59 | | | | | | | | |

| | |
|--------------|--|
| NOTES | Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm |
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