


ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

1a		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.00	3.50	4.00	4.50	5.00	5.50	6.00
6.00	1.86b						
5.50	1.24b	1.55b	1.65				
5.00	0.98b	1.32b	1.56b	1.36			
4.50	0.94b	1.28b	1.48b	1.38	1.13		
4.00	1.10b	1.38b	1.54b	1.37	1.14		
3.50	1.50b	1.64b	1.65	1.35	1.13	0.95	
3.00		1.99	1.60	1.32	1.11	0.94	
2.50		1.91	1.55	1.29	1.09	0.93	
2.00			1.49	1.25	1.06	0.91	
1.50			1.44	1.21	1.03	0.89	
1.00		1.68	1.39	1.17	1.01	0.87	
0.50		1.64	1.35	1.15	0.99	0.86	
0.00	2.03	1.61	1.33	1.13	0.97	0.85	
-0.50	2.02	1.60	1.32	1.12	0.97		
-1.00	2.03	1.60	1.32	1.12	0.97		
-1.50	2.05	1.61	1.33	1.13			
-2.00	2.08	1.64	1.36				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
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1a		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	LOCKED (Static lift only)

	3.00	3.50	4.00	4.50	5.00	5.50	6.00
6.00	1.86b						
5.50	1.24b	1.55b	1.86b				
5.00	0.98b	1.32b	1.56b	1.71			
4.50	0.94b	1.28b	1.48b	1.64b	1.45		
4.00	1.10b	1.38b	1.54b	1.65b	1.46		
3.50	1.50b	1.64b	1.70b	1.70	1.45	1.24	
3.00		2.04b	1.96b	1.68	1.43	1.24	
2.50		2.35	1.94	1.64	1.41	1.22	
2.00			1.89	1.61	1.38	1.21	
1.50			1.84	1.57	1.36	1.19	
1.00		2.14	1.79	1.54	1.33	1.17	
0.50		2.10	1.76	1.51	1.32	1.16	
0.00	2.56	2.07	1.74	1.49	1.30	1.15	
-0.50	2.55	2.06	1.73	1.48	1.30		
-1.00	2.56	2.06	1.73	1.48	1.30		
-1.50	2.58	2.08	1.74	1.50			
-2.00	2.61	2.10	1.77				


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

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.71						
5.5	1.24b	1.36	1.05				
5.0	0.98b	1.32b	1.08	0.86			
4.5	0.94b	1.28b	1.09	0.87	0.70		
4.0	1.10b	1.36	1.07	0.87	0.71		
3.5	1.50b	1.32	1.05	0.85	0.70	0.57	
3.0		1.26	1.00	0.82	0.68	0.56	
2.5		1.18	0.95	0.79	0.66	0.55	
2.0			0.90	0.75	0.63	0.53	
1.5			0.85	0.71	0.60	0.51	
1.0		0.96	0.80	0.68	0.58	0.50	
0.5		0.92	0.77	0.65	0.56	0.49	
0.0	1.12	0.90	0.75	0.64	0.55	0.48	
-0.5	1.11	0.89	0.74	0.63	0.54		
-1.0	1.12	0.89	0.74	0.63	0.55		
-1.5	1.14	0.90	0.75	0.64			
-2.0	1.17	loads ar	0.78				


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1b		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.65				
5.0	0.98b	1.32b	1.56b	1.36			
4.5	0.94b	1.28b	1.48b	1.38	1.13		
4.0	1.10b	1.38b	1.54b	1.37	1.14		
3.5	1.50b	1.64b	1.65	1.35	1.13	0.95	
3.0		1.99	1.60	1.32	1.11	0.94	
2.5		1.91	1.55	1.29	1.09	0.93	
2.0			1.49	1.25	1.06	0.91	
1.5			1.44	1.21	1.03	0.89	
1.0		1.68	1.39	1.17	1.01	0.87	
0.5		1.64	1.35	1.15	0.99	0.86	
0.0	2.03	1.61	1.33	1.13	0.97	0.85	
-0.5	2.02	1.60	1.32	1.12	0.97		
-1.0	2.03	1.60	1.32	1.12	0.97		
-1.5	2.05	1.61	1.33	1.13			
-2.0	2.08	1.64	1.36				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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1c		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.71						
5.5	1.24b	1.36	1.05				
5.0	0.98b	1.32b	1.08	0.86			
4.5	0.94b	1.28b	1.09	0.87	0.70		
4.0	1.10b	1.36	1.07	0.87	0.71		
3.5	1.50b	1.32	1.05	0.85	0.70	0.57	
3.0		1.26	1.00	0.82	0.68	0.56	
2.5		1.18	0.95	0.79	0.66	0.55	
2.0			0.90	0.75	0.63	0.53	
1.5			0.85	0.71	0.60	0.51	
1.0		0.96	0.80	0.68	0.58	0.50	
0.5		0.92	0.77	0.65	0.56	0.49	
0.0	1.12	0.90	0.75	0.64	0.55	0.48	
-0.5	1.11	0.89	0.74	0.63	0.54		
-1.0	1.12	0.89	0.74	0.63	0.55		
-1.5	1.14	0.90	0.75	0.64			
-2.0	1.17	0.93	0.78				


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1c		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.65				
5.0	0.98b	1.32b	1.56b	1.36			
4.5	0.94b	1.28b	1.48b	1.38	1.13		
4.0	1.10b	1.38b	1.54b	1.37	1.14		
3.5	1.50b	1.64b	1.65	1.35	1.13	0.95	
3.0		1.99	1.60	1.32	1.11	0.94	
2.5		1.91	1.55	1.29	1.09	0.93	
2.0			1.49	1.25	1.06	0.91	
1.5			1.44	1.21	1.03	0.89	
1.0		1.68	1.39	1.17	1.01	0.87	
0.5		1.64	1.35	1.15	0.99	0.86	
0.0	2.03	1.61	1.33	1.13	0.97	0.85	
-0.5	2.02	1.60	1.32	1.12	0.97		
-1.0	2.03	1.60	1.32	1.12	0.97		
-1.5	2.05	1.61	1.33	1.13			
-2.0	2.08	1.64	1.36				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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1d		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	135° to 160°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.76		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.76	1.55	
3.0		2.04b	1.96b	1.90b	1.74	1.55	
2.5		2.56b	2.23	1.95	1.72	1.53	
2.0			2.18	1.92	1.70	1.52	
1.5			2.14	1.89	1.68	1.50	
1.0		2.42	2.11	1.86	1.66	1.49	
0.5		2.39	2.08	1.84	1.64	1.48	
0.0	2.77	2.37	2.06	1.82	1.63	1.47	
-0.5	2.77	2.36	2.05	1.82	1.63		
-1.0	2.77	2.36	2.05	1.82	1.63		
-1.5	2.78	2.37	2.06	1.83			
-2.0	2.81	2.39	2.09				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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1d		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	135° to 160°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.71			
4.5	0.94b	1.28b	1.48b	1.64b	1.45		
4.0	1.10b	1.38b	1.54b	1.65b	1.46		
3.5	1.50b	1.64b	1.70b	1.70	1.45	1.24	
3.0		2.04b	1.96b	1.68	1.43	1.24	
2.5		2.35	1.94	1.64	1.41	1.22	
2.0			1.89	1.61	1.38	1.21	
1.5			1.84	1.57	1.36	1.19	
1.0		2.14	1.79	1.54	1.33	1.17	
0.5		2.10	1.76	1.51	1.32	1.16	
0.0	2.56	2.07	1.74	1.49	1.30	1.15	
-0.5	2.55	2.06	1.73	1.48	1.30		
-1.0	2.56	2.06	1.73	1.48	1.30		
-1.5	2.58	2.08	1.74	1.50			
-2.0	2.61	2.10	1.77				


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1e		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.76		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.76	1.55	
3.0		2.04b	1.96b	1.90b	1.74	1.55	
2.5		2.56b	2.23	1.95	1.72	1.53	
2.0			2.18	1.92	1.70	1.52	
1.5			2.14	1.89	1.68	1.50	
1.0		2.42	2.11	1.86	1.66	1.49	
0.5		2.39	2.08	1.84	1.64	1.48	
0.0	2.77	2.37	2.06	1.82	1.63	1.47	
-0.5	2.77	2.36	2.05	1.82	1.63		
-1.0	2.77	2.36	2.05	1.82	1.63		
-1.5	2.78	2.37	2.06	1.83			
-2.0	2.81	2.39	2.09				


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1e		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.76		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.76	1.55	
3.0		2.04b	1.96b	1.90b	1.74	1.55	
2.5		2.56b	2.23	1.95	1.72	1.53	
2.0			2.18	1.92	1.70	1.52	
1.5			2.14	1.89	1.68	1.50	
1.0		2.42	2.11	1.86	1.66	1.49	
0.5		2.39	2.08	1.84	1.64	1.48	
0.0	2.77	2.37	2.06	1.82	1.63	1.47	
-0.5	2.77	2.36	2.05	1.82	1.63		
-1.0	2.77	2.36	2.05	1.82	1.63		
-1.5	2.78	2.37	2.06	1.83			
-2.0	2.81	2.39	2.09				


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2a		RAIL	0 to 50mm CANT @ 66% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.45				
5.0	0.98b	1.32b	1.48	1.22			
4.5	0.92b	1.28b	1.48	1.24	1.04		
4.0	1.10b	1.38b	1.47	1.23	1.04		
3.5	1.50b	1.64b	1.45	1.22	1.04	0.84	
3.0		1.70	1.41	1.19	1.02	0.84	
2.5		1.64	1.37	1.16	1.00	0.82	
2.0			1.32	1.13	0.98	0.79	
1.5			1.28	1.10	0.95	0.77	
1.0		1.46	1.24	1.07	0.92	0.75	
0.5		1.42	1.21	1.05	0.89	0.73	
0.0	1.69	1.40	1.19	1.03	0.88	0.72	
-0.5	1.69	1.39	1.18	1.03	0.87		
-1.0	1.69	1.39	1.18	1.03	0.88		
-1.5	1.71	1.40	1.19	1.04			
-2.0	1.73	1.43	1.22				


NOTES	<p>Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.</p>
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2a		RAIL	0 to 50mm CANT @ 66% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.59			
4.5	0.92b	1.28b	1.48b	1.60	1.37		
4.0	1.10b	1.38b	1.54b	1.60	1.37		
3.5	1.50b	1.64b	1.70b	1.58	1.36	1.18	
3.0		2.04b	1.83	1.56	1.35	1.18	
2.5		2.12	1.79	1.53	1.33	1.17	
2.0			1.74	1.50	1.31	1.15	
1.5			1.70	1.47	1.28	1.14	
1.0		1.94	1.66	1.44	1.26	1.12	
0.5		1.91	1.63	1.42	1.25	1.11	
0.0	2.28	1.89	1.61	1.40	1.24	1.10	
-0.5	2.27	1.88	1.60	1.39	1.23		
-1.0	2.28	1.88	1.60	1.39	1.24		
-1.5	2.29	1.89	1.61	1.41			
-2.0	2.32	1.92	1.64				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

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

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.15						
5.5	1.20	0.90	0.58				
5.0	0.98b	0.93	0.63	0.38			
4.5	0.92b	0.93	0.63	0.40	0.21		
4.0	1.10b	0.91	0.61	0.40	0.22		
3.5	1.15	0.85	0.58	0.37	0.21	0.07	
3.0		0.78	0.53	0.34	0.19	0.06	
2.5		0.68	0.46	0.29	0.16	0.04	
2.0			0.39	0.24	0.12	0.02	
1.5			0.33	0.20	0.09		
1.0		0.41	0.27	0.15	0.06		
0.5		0.36	0.23	0.12	0.03		
0.0	0.51	0.33	0.20	0.10	0.01		
-0.5	0.51	0.32	0.18	0.08	0.01		
-1.0	0.51	0.32	0.18	0.08	0.01		
-1.5	0.53	0.33	0.20	0.10			
-2.0	0.57	0.37	0.24				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2b		RAIL	0 to 50mm CANT @ 66% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.71						
5.5	1.24b	1.34	1.04				
5.0	0.98b	1.32b	1.07	0.78			
4.5	0.92b	1.28b	1.07	0.80	0.54		
4.0	1.10b	1.34	1.06	0.79	0.55		
3.5	1.50b	1.31	1.03	0.77	0.54	0.35	
3.0		1.25	0.99	0.73	0.51	0.34	
2.5		1.17	0.93	0.68	0.48	0.32	
2.0			0.85	0.62	0.44	0.30	
1.5			0.78	0.57	0.40	0.27	
1.0		0.96	0.71	0.52	0.37	0.25	
0.5		0.90	0.67	0.48	0.34	0.23	
0.0	1.13	0.87	0.63	0.46	0.32	0.22	
-0.5	1.13	0.85	0.62	0.44	0.32		
-1.0	1.13	0.85	0.61	0.44	0.32		
-1.5	1.15	0.87	0.63	0.47			
-2.0	1.18	0.91	0.68				


NOTES	<p>Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.</p> <p>Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).</p> <p>All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.</p>
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

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

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	0.99						
5.5	1.05	0.67	0.35				
5.0	0.98b	0.70	0.40	0.17			
4.5	0.92b	0.70	0.41	0.19	0.01		
4.0	1.04	0.67	0.39	0.19	0.02		
3.5	0.99	0.61	0.35	0.16	0.01		
3.0		0.53	0.29	0.12			
2.5		0.42	0.23	0.07			
2.0			0.15	0.02			
1.5			0.08				
1.0		0.13	0.02				
0.5		0.07					
0.0	0.18	0.04					
-0.5	0.17	0.02					
-1.0	0.18	0.02					
-1.5	0.20	0.04					
-2.0	0.24	0.08					


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2c		RAIL	0 to 50mm CANT @ 66% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.44						
5.5	1.24b	1.11	0.76				
5.0	0.98b	1.14	0.81	0.51			
4.5	0.92b	1.13	0.82	0.53	0.29		
4.0	1.10b	1.11	0.80	0.52	0.31		
3.5	1.44	1.07	0.76	0.49	0.29	0.13	
3.0		1.01	0.69	0.45	0.27	0.12	
2.5		0.92	0.62	0.40	0.23	0.10	
2.0			0.54	0.35	0.20	0.07	
1.5			0.46	0.29	0.16	0.05	
1.0		0.59	0.39	0.24	0.12	0.02	
0.5		0.53	0.34	0.20	0.09	0.00	
0.0	0.76	0.49	0.31	0.18	0.07		
-0.5	0.75	0.48	0.29	0.16	0.07		
-1.0	0.76	0.48	0.29	0.16	0.07		
-1.5	0.79	0.49	0.31	0.18			
-2.0	0.84	0.54	0.36				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 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 160°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.73						
5.5	1.24b	1.38	1.08				
5.0	0.98b	1.32b	1.12	0.85			
4.5	0.92b	1.28b	1.12	0.87	0.61		
4.0	1.10b	1.38	1.11	0.87	0.62		
3.5	1.50b	1.35	1.08	0.84	0.61	0.42	
3.0		1.29	1.04	0.80	0.59	0.41	
2.5		1.22	1.00	0.75	0.55	0.39	
2.0			0.93	0.70	0.52	0.37	
1.5			0.86	0.65	0.48	0.34	
1.0		1.03	0.80	0.61	0.45	0.32	
0.5		0.99	0.76	0.57	0.42	0.30	
0.0	1.19	0.97	0.72	0.55	0.40	0.29	
-0.5	1.19	0.95	0.71	0.53	0.40		
-1.0	1.19	0.95	0.71	0.53	0.40		
-1.5	1.21	0.97	0.72	0.55			
-2.0	1.24	0.99	0.77				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 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 160°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.68				
5.0	0.98b	1.32b	1.56b	1.37			
4.5	0.92b	1.28b	1.48b	1.39	1.13		
4.0	1.10b	1.38b	1.54b	1.38	1.14		
3.5	1.50b	1.64b	1.68	1.36	1.13	0.93	
3.0		2.04b	1.63	1.33	1.11	0.92	
2.5		1.98	1.58	1.30	1.09	0.90	
2.0			1.52	1.26	1.06	0.87	
1.5			1.47	1.22	1.03	0.84	
1.0		1.74	1.42	1.19	1.01	0.82	
0.5		1.70	1.38	1.16	0.99	0.80	
0.0	2.16	1.67	1.36	1.14	0.98	0.79	
-0.5	2.15	1.66	1.35	1.13	0.97		
-1.0	2.16	1.66	1.34	1.13	0.98		
-1.5	2.18	1.67	1.36	1.14			
-2.0	2.21	1.70	1.39				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2e		RAIL	0 to 50mm CANT @ 66% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.92b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.86b	
3.0		2.04b	1.96b	1.90b	1.87b	1.88b	
2.5		2.56b	2.28b	2.10b	2.00b	1.94b	
2.0			2.62b	2.33b	2.15b	2.03b	
1.5			2.96b	2.56b	2.30b	2.12b	
1.0		4.01b	3.23b	2.75b	2.43b	2.21b	
0.5		4.25b	3.43b	2.90b	2.53b	2.26b	
0.0	5.63b	4.35b	3.53b	2.98b	2.58b	2.25b	
-0.5	5.52b	4.33b	3.54b	2.98b	2.55b		
-1.0	5.27b	4.18b	3.43b	2.87b	2.38b		
-1.5	4.85b	3.88b	3.17b	2.57b			
-2.0	4.17b	3.31b	2.58b				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2e		RAIL	0 to 50mm CANT @ 66% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.92b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.86b	
3.0		2.04b	1.96b	1.90b	1.87b	1.88b	
2.5		2.56b	2.28b	2.10b	2.00b	1.94b	
2.0			2.62b	2.33b	2.15b	2.03b	
1.5			2.96b	2.56b	2.30b	2.12b	
1.0		4.01b	3.23b	2.75b	2.43b	2.21b	
0.5		4.25b	3.43b	2.90b	2.53b	2.26b	
0.0	5.63b	4.35b	3.53b	2.98b	2.58b	2.25b	
-0.5	5.52b	4.33b	3.54b	2.98b	2.55b		
-1.0	5.27b	4.18b	3.43b	2.87b	2.38b		
-1.5	4.85b	3.88b	3.17b	2.57b			
-2.0	4.17b	3.31b	2.58b				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3a		RAIL	50 to 150mm CANT @ 66% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.58						
5.5	1.24b	1.25	0.96				
5.0	0.98b	1.27	1.00	0.69			
4.5	0.92b	1.27	1.00	0.72	0.47		
4.0	1.10b	1.25	0.99	0.71	0.48		
3.5	1.50b	1.21	0.96	0.68	0.47	0.29	
3.0		1.16	0.90	0.64	0.44	0.28	
2.5		1.08	0.83	0.59	0.41	0.26	
2.0			0.75	0.54	0.37	0.24	
1.5			0.68	0.49	0.34	0.21	
1.0		0.84	0.62	0.44	0.31	0.19	
0.5		0.78	0.57	0.41	0.28	0.17	
0.0	1.03	0.75	0.54	0.38	0.26	0.16	
-0.5	1.02	0.73	0.52	0.37	0.25		
-1.0	1.02	0.73	0.52	0.37	0.26		
-1.5	1.04	0.75	0.54	0.39			
-2.0	1.07	0.79	0.58				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3a		RAIL	50 to 150mm CANT @ 66% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.40				
5.0	0.98b	1.32b	1.44	1.18			
4.5	0.92b	1.28b	1.44	1.19	0.99		
4.0	1.10b	1.38b	1.43	1.19	1.00		
3.5	1.50b	1.64b	1.40	1.17	0.99	0.77	
3.0		1.66	1.37	1.14	0.97	0.76	
2.5		1.60	1.32	1.11	0.94	0.74	
2.0			1.27	1.08	0.91	0.72	
1.5			1.23	1.05	0.87	0.70	
1.0		1.41	1.19	1.02	0.84	0.68	
0.5		1.37	1.16	1.00	0.82	0.66	
0.0	1.65	1.35	1.14	0.98	0.80	0.65	
-0.5	1.64	1.34	1.13	0.97	0.79		
-1.0	1.65	1.34	1.13	0.97	0.80		
-1.5	1.66	1.35	1.14	0.98			
-2.0	1.69	1.38	1.17				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

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

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	0.81						
5.5	0.89	0.54	0.27				
5.0	0.92	0.57	0.32	0.11			
4.5	0.91	0.57	0.32	0.13			
4.0	0.88	0.54	0.31	0.13			
3.5	0.81	0.49	0.27	0.10			
3.0		0.42	0.22	0.07			
2.5		0.32	0.15	0.02			
2.0			0.08				
1.5			0.02				
1.0		0.05					
0.5							
0.0	0.08						
-0.5	0.07						
-1.0	0.08						
-1.5	0.10						
-2.0	0.14	0.01					


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3b		RAIL	50 to 150mm CANT @ 66% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.34						
5.5	1.24b	1.05	0.69				
5.0	0.98b	1.07	0.74	0.45			
4.5	0.92b	1.07	0.75	0.47	0.25		
4.0	1.10b	1.05	0.73	0.47	0.26		
3.5	1.34	1.01	0.68	0.44	0.25	0.09	
3.0		0.94	0.63	0.40	0.23	0.08	
2.5		0.83	0.55	0.35	0.19	0.06	
2.0			0.47	0.30	0.16	0.04	
1.5			0.40	0.24	0.12	0.01	
1.0		0.51	0.33	0.20	0.08		
0.5		0.45	0.29	0.16	0.06		
0.0	0.66	0.42	0.25	0.13	0.04		
-0.5	0.65	0.40	0.24	0.12	0.03		
-1.0	0.66	0.40	0.23	0.12	0.04		
-1.5	0.68	0.42	0.25	0.14			
-2.0	0.73	0.46	0.30				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
PAGE	24 Of 60

ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

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

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	0.62						
5.5	0.71	0.36	0.10				
5.0	0.74	0.39	0.15				
4.5	0.74	0.39	0.15				
4.0	0.70	0.36	0.13				
3.5	0.62	0.31	0.09				
3.0		0.22	0.04				
2.5		0.12					
2.0							
1.5							
1.0							
0.5							
0.0							
-0.5							
-1.0							
-1.5							
-2.0							


NOTES	<p>Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.</p> <p>Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).</p> <p>All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.</p>
PAGE	25 Of 60

ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3c		RAIL	50 to 150mm CANT @ 66% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.10						
5.5	1.17	0.77	0.42				
5.0	0.98b	0.81	0.47	0.21			
4.5	0.92b	0.80	0.47	0.23	0.04		
4.0	1.10b	0.77	0.45	0.23	0.05		
3.5	1.10	0.71	0.41	0.20	0.04		
3.0		0.62	0.35	0.16	0.01		
2.5		0.50	0.28	0.11			
2.0			0.19	0.05			
1.5			0.12				
1.0		0.18	0.05				
0.5		0.12					
0.0	0.25	0.08					
-0.5	0.24	0.06					
-1.0	0.24	0.06					
-1.5	0.27	0.08					
-2.0	0.32	0.12	0.01				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3d		RAIL	50 to 150mm CANT @ 66% of tipping load
		SECTOR	135° to 160°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.15						
5.5	1.21	0.87	0.53				
5.0	0.98b	0.90	0.58	0.32			
4.5	0.92b	0.90	0.58	0.34	0.15		
4.0	1.10b	0.87	0.56	0.34	0.16		
3.5	1.15	0.82	0.52	0.31	0.14	0.00	
3.0		0.73	0.47	0.27	0.12		
2.5		0.63	0.40	0.22	0.09		
2.0			0.32	0.17	0.05		
1.5			0.25	0.12	0.02		
1.0		0.33	0.19	0.08			
0.5		0.28	0.14	0.04			
0.0	0.43	0.24	0.11	0.02			
-0.5	0.42	0.23	0.10	0.00			
-1.0	0.43	0.23	0.10	0.00			
-1.5	0.45	0.24	0.11	0.02			
-2.0	0.49	0.28	0.16				


NOTES	<p>Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.</p>
PAGE	27 Of 60

ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3d		RAIL	50 to 150mm CANT @ 66% of tipping load
		SECTOR	135° to 160°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.49	1.12				
5.0	0.98b	1.32b	1.16	0.86			
4.5	0.92b	1.28b	1.16	0.88	0.59		
4.0	1.10b	1.38b	1.15	0.88	0.60		
3.5	1.50b	1.45	1.12	0.85	0.59	0.38	
3.0		1.38	1.07	0.80	0.56	0.37	
2.5		1.30	1.02	0.75	0.52	0.35	
2.0			0.96	0.69	0.48	0.32	
1.5			0.87	0.63	0.44	0.29	
1.0		1.06	0.80	0.58	0.41	0.27	
0.5		1.02	0.75	0.54	0.38	0.25	
0.0	1.28	0.99	0.71	0.51	0.36	0.24	
-0.5	1.28	0.98	0.69	0.49	0.35		
-1.0	1.28	0.98	0.69	0.49	0.36		
-1.5	1.30	0.99	0.71	0.52			
-2.0	1.34	1.02	0.76				


NOTES	<p>Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.</p> <p>Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).</p> <p>All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.</p>
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3e		RAIL	50 to 150mm CANT @ 66% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.92b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.86b	
3.0		2.04b	1.96b	1.90b	1.87b	1.88b	
2.5		2.56b	2.28b	2.10b	2.00b	1.94b	
2.0			2.62b	2.33b	2.15b	2.03b	
1.5			2.96b	2.56b	2.30b	2.12b	
1.0		4.01b	3.23b	2.75b	2.43b	2.21b	
0.5		4.25b	3.43b	2.90b	2.53b	2.26b	
0.0	5.63b	4.35b	3.53b	2.98b	2.58b	2.25b	
-0.5	5.52b	4.33b	3.54b	2.98b	2.55b		
-1.0	5.27b	4.18b	3.43b	2.87b	2.38b		
-1.5	4.85b	3.88b	3.17b	2.57b			
-2.0	4.17b	3.31b	2.58b				


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
PAGE	29 Of 60

ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3e		RAIL	50 to 150mm CANT @ 66% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.92b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.86b	
3.0		2.04b	1.96b	1.90b	1.87b	1.88b	
2.5		2.56b	2.28b	2.10b	2.00b	1.94b	
2.0			2.62b	2.33b	2.15b	2.03b	
1.5			2.96b	2.56b	2.30b	2.12b	
1.0		4.01b	3.23b	2.75b	2.43b	2.21b	
0.5		4.25b	3.43b	2.90b	2.53b	2.26b	
0.0	5.63b	4.35b	3.53b	2.98b	2.58b	2.25b	
-0.5	5.52b	4.33b	3.54b	2.98b	2.55b		
-1.0	5.27b	4.18b	3.43b	2.87b	2.38b		
-1.5	4.85b	3.88b	3.17b	2.57b			
-2.0	4.17b	3.31b	2.58b				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4aL		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.00	3.50	4.00	4.50	5.00	5.50	6.00
6.00	1.86b						
5.50	1.24b	1.55b	1.74				
5.00	0.98b	1.32b	1.56b	1.44			
4.50	0.94b	1.28b	1.48b	1.46	1.19		
4.00	1.10b	1.38b	1.54b	1.45	1.20		
3.50	1.50b	1.64b	1.70b	1.43	1.19	1.00	
3.00		2.04b	1.69	1.40	1.17	1.00	
2.50		2.02	1.64	1.36	1.15	0.98	
2.00			1.58	1.32	1.12	0.96	
1.50			1.52	1.28	1.09	0.94	
1.00		1.77	1.47	1.24	1.06	0.92	
0.50		1.73	1.43	1.21	1.04	0.91	
0.00	2.14	1.70	1.41	1.19	1.03	0.90	
-0.50	2.13	1.69	1.39	1.18	1.02		
-1.00	2.14	1.69	1.39	1.18	1.03		
-1.50	2.16	1.70	1.40	1.20			
-2.00	2.20	1.73	1.44				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4a		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.53		
4.0	1.10b	1.38b	1.54b	1.65b	1.54		
3.5	1.50b	1.64b	1.70b	1.74b	1.53	1.31	
3.0		2.04b	1.96b	1.77	1.51	1.31	
2.5		2.49	2.05	1.74	1.49	1.29	
2.0			2.00	1.70	1.46	1.27	
1.5			1.94	1.66	1.44	1.26	
1.0		2.26	1.90	1.62	1.41	1.24	
0.5		2.22	1.86	1.60	1.39	1.23	
0.0	2.70	2.19	1.84	1.58	1.38	1.22	
-0.5	2.70	2.18	1.83	1.57	1.37		
-1.0	2.70	2.18	1.82	1.57	1.38		
-1.5	2.72	2.19	1.84	1.58			
-2.0	2.76	2.22	1.87				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
PAGE	32 Of 60


ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4bU		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.81						
5.5	1.24b	1.43	1.11				
5.0	0.98b	1.32b	1.14	0.91			
4.5	0.94b	1.28b	1.15	0.92	0.74		
4.0	1.10b	1.38b	1.13	0.92	0.74		
3.5	1.50b	1.39	1.10	0.90	0.74	0.60	
3.0		1.33	1.06	0.87	0.72	0.59	
2.5		1.25	1.01	0.83	0.69	0.58	
2.0			0.95	0.79	0.67	0.56	
1.5			0.90	0.75	0.64	0.54	
1.0		1.02	0.85	0.72	0.61	0.53	
0.5		0.98	0.81	0.69	0.59	0.51	
0.0	1.18	0.95	0.79	0.67	0.58	0.51	
-0.5	1.18	0.94	0.78	0.66	0.57		
-1.0	1.18	0.94	0.78	0.66	0.58		
-1.5	1.20	0.95	0.79	0.68			
-2.0	1.23	0.98	0.82				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4b		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.74				
5.0	0.98b	1.32b	1.56b	1.44			
4.5	0.94b	1.28b	1.48b	1.46	1.19		
4.0	1.10b	1.38b	1.54b	1.45	1.20		
3.5	1.50b	1.64b	1.70b	1.43	1.19	1.00	
3.0		2.04b	1.69	1.40	1.17	1.00	
2.5		2.02	1.64	1.36	1.15	0.98	
2.0			1.58	1.32	1.12	0.96	
1.5			1.52	1.28	1.09	0.94	
1.0		1.77	1.47	1.24	1.06	0.92	
0.5		1.73	1.43	1.21	1.04	0.91	
0.0	2.14	1.70	1.41	1.19	1.03	0.90	
-0.5	2.13	1.69	1.39	1.18	1.02		
-1.0	2.14	1.69	1.39	1.18	1.03		
-1.5	2.16	1.70	1.40	1.20			
-2.0	2.20	1.73	1.44				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
PAGE	34 Of 60


ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4c		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.81						
5.5	1.24b	1.43	1.11				
5.0	0.98b	1.32b	1.14	0.91			
4.5	0.94b	1.28b	1.15	0.92	0.74		
4.0	1.10b	1.38b	1.13	0.92	0.74		
3.5	1.50b	1.39	1.10	0.90	0.74	0.60	
3.0		1.33	1.06	0.87	0.72	0.59	
2.5		1.25	1.01	0.83	0.69	0.58	
2.0			0.95	0.79	0.67	0.56	
1.5			0.90	0.75	0.64	0.54	
1.0		1.02	0.85	0.72	0.61	0.53	
0.5		0.98	0.81	0.69	0.59	0.51	
0.0	1.18	0.95	0.79	0.67	0.58	0.51	
-0.5	1.18	0.94	0.78	0.66	0.57		
-1.0	1.18	0.94	0.78	0.66	0.58		
-1.5	1.20	0.95	0.79	0.68			
-2.0	1.23	0.98	0.82				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4c		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.74				
5.0	0.98b	1.32b	1.56b	1.44			
4.5	0.94b	1.28b	1.48b	1.46	1.19		
4.0	1.10b	1.38b	1.54b	1.45	1.20		
3.5	1.50b	1.64b	1.70b	1.43	1.19	1.00	
3.0		2.04b	1.69	1.40	1.17	1.00	
2.5		2.02	1.64	1.36	1.15	0.98	
2.0			1.58	1.32	1.12	0.96	
1.5			1.52	1.28	1.09	0.94	
1.0		1.77	1.47	1.24	1.06	0.92	
0.5		1.73	1.43	1.21	1.04	0.91	
0.0	2.14	1.70	1.41	1.19	1.03	0.90	
-0.5	2.13	1.69	1.39	1.18	1.02		
-1.0	2.14	1.69	1.39	1.18	1.03		
-1.5	2.16	1.70	1.40	1.20			
-2.0	2.20	1.73	1.44				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
PAGE	36 Of 60


ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4dU 	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	135° to 160°
	OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.64	
3.0		2.04b	1.96b	1.90b	1.84	1.63	
2.5		2.56b	2.28b	2.06	1.82	1.62	
2.0			2.31	2.02	1.80	1.60	
1.5			2.26	1.99	1.77	1.59	
1.0		2.55	2.23	1.96	1.75	1.57	
0.5		2.52	2.20	1.94	1.73	1.56	
0.0	2.93	2.50	2.18	1.93	1.72	1.56	
-0.5	2.92	2.49	2.17	1.92	1.72		
-1.0	2.93	2.49	2.17	1.92	1.72		
-1.5	2.94	2.50	2.18	1.93			
-2.0	2.97	2.53	2.20				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4d		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	135° to 160°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.53		
4.0	1.10b	1.38b	1.54b	1.65b	1.54		
3.5	1.50b	1.64b	1.70b	1.74b	1.53	1.31	
3.0		2.04b	1.96b	1.77	1.51	1.31	
2.5		2.49	2.05	1.74	1.49	1.29	
2.0			2.00	1.70	1.46	1.27	
1.5			1.94	1.66	1.44	1.26	
1.0		2.26	1.90	1.62	1.41	1.24	
0.5		2.22	1.86	1.60	1.39	1.23	
0.0	2.70	2.19	1.84	1.58	1.38	1.22	
-0.5	2.70	2.18	1.83	1.57	1.37		
-1.0	2.70	2.18	1.82	1.57	1.38		
-1.5	2.72	2.19	1.84	1.58			
-2.0	2.76	2.22	1.87				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4eU 	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	+/-20° Over the rear
	OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.64	
3.0		2.04b	1.96b	1.90b	1.84	1.63	
2.5		2.56b	2.28b	2.06	1.82	1.62	
2.0			2.31	2.02	1.80	1.60	
1.5			2.26	1.99	1.77	1.59	
1.0		2.55	2.23	1.96	1.75	1.57	
0.5		2.52	2.20	1.94	1.73	1.56	
0.0	2.93	2.50	2.18	1.93	1.72	1.56	
-0.5	2.92	2.49	2.17	1.92	1.72		
-1.0	2.93	2.49	2.17	1.92	1.72		
-1.5	2.94	2.50	2.18	1.93			
-2.0	2.97	2.53	2.20				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

4e		ROAD	LEVEL ROAD @ 71% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.64	
3.0		2.04b	1.96b	1.90b	1.84	1.63	
2.5		2.56b	2.28b	2.06	1.82	1.62	
2.0			2.31	2.02	1.80	1.60	
1.5			2.26	1.99	1.77	1.59	
1.0		2.55	2.23	1.96	1.75	1.57	
0.5		2.52	2.20	1.94	1.73	1.56	
0.0	2.93	2.50	2.18	1.93	1.72	1.56	
-0.5	2.92	2.49	2.17	1.92	1.72		
-1.0	2.93	2.49	2.17	1.92	1.72		
-1.5	2.94	2.50	2.18	1.93			
-2.0	2.97	2.53	2.20				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5aU		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.64				
5.0	0.98b	1.32b	1.56b	1.39			
4.5	0.94b	1.28b	1.48b	1.41	1.18		
4.0	1.10b	1.38b	1.54b	1.40	1.19		
3.5	1.50b	1.64b	1.64	1.38	1.18	1.01	
3.0		1.93	1.60	1.35	1.16	1.00	
2.5		1.86	1.55	1.32	1.14	0.99	
2.0			1.50	1.28	1.11	0.97	
1.5			1.45	1.25	1.09	0.95	
1.0		1.65	1.41	1.22	1.06	0.94	
0.5		1.62	1.38	1.19	1.04	0.92	
0.0	1.92	1.59	1.36	1.17	1.03	0.92	
-0.5	1.92	1.58	1.34	1.16	1.03		
-1.0	1.92	1.58	1.34	1.16	1.03		
-1.5	1.94	1.59	1.35	1.18			
-2.0	1.97	1.62	1.38				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5a		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.55		
4.0	1.10b	1.38b	1.54b	1.65b	1.56		
3.5	1.50b	1.64b	1.70b	1.74b	1.55	1.34	
3.0		2.04b	1.96b	1.77	1.53	1.34	
2.5		2.41	2.03	1.74	1.51	1.32	
2.0			1.98	1.70	1.49	1.31	
1.5			1.93	1.67	1.46	1.29	
1.0		2.21	1.89	1.64	1.44	1.27	
0.5		2.17	1.85	1.61	1.42	1.26	
0.0	2.59	2.15	1.83	1.59	1.40	1.25	
-0.5	2.58	2.14	1.82	1.58	1.40		
-1.0	2.59	2.14	1.82	1.58	1.41		
-1.5	2.60	2.15	1.83	1.60			
-2.0	2.63	2.18	1.86				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5bU		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.31						
5.5	1.24b	1.05	0.81				
5.0	0.98b	1.07	0.85	0.66			
4.5	0.94b	1.07	0.85	0.68	0.53		
4.0	1.10b	1.05	0.84	0.67	0.54		
3.5	1.31	1.02	0.81	0.65	0.53	0.43	
3.0		0.96	0.77	0.63	0.51	0.42	
2.5		0.89	0.72	0.59	0.49	0.41	
2.0			0.67	0.56	0.47	0.39	
1.5			0.62	0.52	0.44	0.37	
1.0		0.68	0.58	0.49	0.42	0.36	
0.5		0.65	0.55	0.46	0.40	0.34	
0.0	0.76	0.62	0.52	0.45	0.39	0.34	
-0.5	0.75	0.61	0.51	0.44	0.38		
-1.0	0.76	0.61	0.51	0.44	0.39		
-1.5	0.77	0.62	0.52	0.45			
-2.0	0.80	0.65	0.55				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5b		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.53	1.18				
5.0	0.98b	1.32b	1.21	0.96			
4.5	0.94b	1.28b	1.22	0.98	0.78		
4.0	1.10b	1.38b	1.20	0.97	0.79		
3.5	1.50b	1.48	1.17	0.95	0.78	0.64	
3.0		1.42	1.13	0.92	0.76	0.63	
2.5		1.33	1.07	0.88	0.73	0.61	
2.0			1.01	0.84	0.71	0.60	
1.5			0.96	0.80	0.68	0.58	
1.0		1.10	0.91	0.77	0.65	0.56	
0.5		1.05	0.87	0.74	0.63	0.55	
0.0	1.29	1.03	0.85	0.72	0.62	0.54	
-0.5	1.28	1.01	0.84	0.71	0.61		
-1.0	1.29	1.01	0.84	0.71	0.62		
-1.5	1.30	1.03	0.85	0.72			
-2.0	1.34	1.06	0.88				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
PAGE	44 Of 60


ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5cU		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.12						
5.5	1.19	0.88	0.64				
5.0	0.98b	0.90	0.68	0.50			
4.5	0.94b	0.90	0.68	0.52	0.38		
4.0	1.10b	0.88	0.67	0.51	0.39		
3.5	1.12	0.83	0.64	0.49	0.38	0.29	
3.0		0.77	0.60	0.47	0.36	0.28	
2.5		0.69	0.54	0.43	0.34	0.27	
2.0			0.49	0.39	0.31	0.25	
1.5			0.43	0.35	0.29	0.23	
1.0		0.47	0.39	0.32	0.26	0.21	
0.5		0.43	0.35	0.29	0.24	0.20	
0.0	0.51	0.40	0.33	0.27	0.23	0.19	
-0.5	0.50	0.39	0.32	0.26	0.22		
-1.0	0.51	0.39	0.32	0.26	0.23		
-1.5	0.52	0.40	0.33	0.28			
-2.0	0.56	0.43	0.36				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5c		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.63						
5.5	1.24b	1.26	0.94				
5.0	0.98b	1.29	0.98	0.75			
4.5	0.94b	1.28b	0.99	0.77	0.60		
4.0	1.10b	1.26	0.97	0.76	0.60		
3.5	1.50b	1.22	0.94	0.74	0.59	0.47	
3.0		1.15	0.90	0.71	0.58	0.46	
2.5		1.06	0.84	0.68	0.55	0.45	
2.0			0.78	0.63	0.52	0.43	
1.5			0.72	0.59	0.49	0.41	
1.0		0.82	0.67	0.56	0.47	0.39	
0.5		0.77	0.63	0.53	0.44	0.38	
0.0	0.95	0.74	0.61	0.51	0.43	0.37	
-0.5	0.94	0.73	0.59	0.50	0.42		
-1.0	0.94	0.73	0.59	0.50	0.43		
-1.5	0.96	0.74	0.60	0.51			
-2.0	1.00	0.78	0.64				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5dU		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	135° to 160°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.23				
5.0	0.98b	1.32b	1.27	1.01			
4.5	0.94b	1.28b	1.27	1.03	0.83		
4.0	1.10b	1.38b	1.26	1.02	0.84		
3.5	1.50b	1.53	1.23	1.00	0.83	0.69	
3.0		1.47	1.18	0.98	0.81	0.68	
2.5		1.39	1.13	0.94	0.79	0.67	
2.0			1.08	0.90	0.76	0.65	
1.5			1.02	0.86	0.74	0.63	
1.0		1.16	0.98	0.83	0.71	0.62	
0.5		1.12	0.94	0.80	0.69	0.60	
0.0	1.36	1.10	0.92	0.78	0.68	0.60	
-0.5	1.35	1.09	0.91	0.77	0.67		
-1.0	1.36	1.09	0.90	0.77	0.68		
-1.5	1.37	1.10	0.92	0.79			
-2.0	1.41	1.13	0.95				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 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 160°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.56			
4.5	0.94b	1.28b	1.48b	1.58	1.28		
4.0	1.10b	1.38b	1.54b	1.57	1.29		
3.5	1.50b	1.64b	1.70b	1.55	1.28	1.07	
3.0		2.04b	1.85	1.51	1.26	1.06	
2.5		2.25	1.79	1.47	1.23	1.05	
2.0			1.73	1.43	1.20	1.03	
1.5			1.66	1.39	1.17	1.01	
1.0		1.98	1.61	1.35	1.15	0.99	
0.5		1.93	1.57	1.32	1.12	0.97	
0.0	2.45	1.90	1.54	1.29	1.11	0.97	
-0.5	2.44	1.88	1.53	1.28	1.10		
-1.0	2.45	1.88	1.53	1.28	1.11		
-1.5	2.47	1.90	1.54	1.30			
-2.0	2.51	1.94	1.58				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5eU		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.86b	
3.0		2.04b	1.96b	1.90b	1.87b	1.88b	
2.5		2.56b	2.28b	2.10b	2.00b	1.94b	
2.0			2.62b	2.33b	2.15b	2.03b	
1.5			2.96b	2.56b	2.30b	2.12b	
1.0		4.01b	3.23b	2.75b	2.43b	2.21b	
0.5		4.25b	3.43b	2.90b	2.53b	2.26b	
0.0	5.63b	4.35b	3.53b	2.98b	2.58b	2.25b	
-0.5	5.52b	4.33b	3.54b	2.98b	2.55b		
-1.0	5.27b	4.18b	3.43b	2.87b	2.38b		
-1.5	4.85b	3.88b	3.17b	2.57b			
-2.0	4.17b	3.31b	2.58b				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

5e		RAIL	0 to 50mm CANT @ 75% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.86b	
3.0		2.04b	1.96b	1.90b	1.87b	1.88b	
2.5		2.56b	2.28b	2.10b	2.00b	1.94b	
2.0			2.62b	2.33b	2.15b	2.03b	
1.5			2.96b	2.56b	2.30b	2.12b	
1.0		4.01b	3.23b	2.75b	2.43b	2.21b	
0.5		4.25b	3.43b	2.90b	2.53b	2.26b	
0.0	5.63b	4.35b	3.53b	2.98b	2.58b	2.25b	
-0.5	5.52b	4.33b	3.54b	2.98b	2.55b		
-1.0	5.27b	4.18b	3.43b	2.87b	2.38b		
-1.5	4.85b	3.88b	3.17b	2.57b			
-2.0	4.17b	3.31b	2.58b				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6aU		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.79						
5.5	1.24b	1.42	1.09				
5.0	0.98b	1.32b	1.13	0.89			
4.5	0.94b	1.28b	1.14	0.91	0.73		
4.0	1.10b	1.38b	1.12	0.90	0.74		
3.5	1.50b	1.38	1.09	0.89	0.73	0.59	
3.0		1.31	1.05	0.86	0.71	0.59	
2.5		1.23	1.00	0.82	0.68	0.57	
2.0			0.94	0.78	0.66	0.55	
1.5			0.88	0.74	0.63	0.54	
1.0		1.00	0.84	0.71	0.60	0.52	
0.5		0.96	0.80	0.68	0.58	0.50	
0.0	1.16	0.94	0.78	0.66	0.57	0.50	
-0.5	1.16	0.92	0.77	0.65	0.56		
-1.0	1.16	0.93	0.76	0.65	0.57		
-1.5	1.18	0.94	0.78	0.67			
-2.0	1.22	0.97	0.81				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6a		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	+/-10° Over the Front
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.60				
5.0	0.98b	1.32b	1.56b	1.34			
4.5	0.94b	1.28b	1.48b	1.35	1.13		
4.0	1.10b	1.38b	1.54b	1.35	1.13		
3.5	1.50b	1.64b	1.59	1.33	1.12	0.95	
3.0		1.89	1.55	1.30	1.11	0.95	
2.5		1.81	1.50	1.27	1.08	0.93	
2.0			1.45	1.23	1.06	0.92	
1.5			1.39	1.19	1.03	0.90	
1.0		1.60	1.35	1.16	1.01	0.88	
0.5		1.56	1.32	1.13	0.99	0.87	
0.0	1.87	1.53	1.29	1.11	0.97	0.86	
-0.5	1.87	1.52	1.28	1.10	0.97		
-1.0	1.87	1.52	1.28	1.10	0.97		
-1.5	1.89	1.54	1.29	1.12			
-2.0	1.92	1.56	1.32				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6bU		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	0.98						
5.5	1.04	0.78	0.58				
5.0	0.98b	0.80	0.61	0.46			
4.5	0.94b	0.80	0.62	0.47	0.35		
4.0	1.03	0.78	0.60	0.47	0.36		
3.5	0.98	0.74	0.58	0.45	0.35	0.26	
3.0		0.69	0.54	0.42	0.33	0.26	
2.5		0.62	0.49	0.39	0.31	0.24	
2.0			0.44	0.35	0.29	0.23	
1.5			0.39	0.32	0.26	0.21	
1.0		0.41	0.35	0.29	0.24	0.19	
0.5		0.38	0.31	0.26	0.22	0.18	
0.0	0.44	0.35	0.29	0.24	0.20	0.17	
-0.5	0.43	0.34	0.28	0.23	0.20		
-1.0	0.43	0.34	0.28	0.23	0.21		
-1.5	0.45	0.35	0.29	0.25			
-2.0	0.48	0.38	0.32				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6b		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	±10° to ±45°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.52						
5.5	1.24b	1.19	0.89				
5.0	0.98b	1.21	0.93	0.71			
4.5	0.94b	1.21	0.93	0.73	0.56		
4.0	1.10b	1.19	0.92	0.72	0.57		
3.5	1.50b	1.14	0.89	0.70	0.56	0.44	
3.0		1.08	0.84	0.67	0.54	0.44	
2.5		0.99	0.79	0.64	0.52	0.42	
2.0			0.73	0.60	0.49	0.40	
1.5			0.67	0.56	0.46	0.39	
1.0		0.76	0.63	0.52	0.44	0.37	
0.5		0.71	0.59	0.49	0.42	0.35	
0.0	0.87	0.69	0.56	0.47	0.40	0.35	
-0.5	0.86	0.68	0.55	0.46	0.40		
-1.0	0.87	0.68	0.55	0.46	0.40		
-1.5	0.88	0.69	0.56	0.48			
-2.0	0.92	0.72	0.60				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6cU		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	0.84						
5.5	0.91	0.65	0.45				
5.0	0.93	0.67	0.48	0.34			
4.5	0.93	0.67	0.49	0.35	0.24		
4.0	0.90	0.65	0.47	0.35	0.24		
3.5	0.84	0.60	0.44	0.33	0.23	0.15	
3.0		0.54	0.40	0.30	0.22	0.15	
2.5		0.46	0.35	0.26	0.19	0.13	
2.0			0.29	0.22	0.17	0.12	
1.5			0.24	0.18	0.14	0.10	
1.0		0.24	0.19	0.15	0.11	0.08	
0.5		0.20	0.16	0.12	0.09	0.07	
0.0	0.23	0.17	0.14	0.10	0.08	0.06	
-0.5	0.22	0.16	0.12	0.09	0.07		
-1.0	0.23	0.16	0.12	0.09	0.08		
-1.5	0.24	0.17	0.13	0.11			
-2.0	0.28	0.20	0.17				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6c		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	45° to 135°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.25						
5.5	1.24b	0.95	0.69				
5.0	0.98b	0.98	0.73	0.53			
4.5	0.94b	0.98	0.73	0.55	0.40		
4.0	1.10b	0.95	0.72	0.54	0.41		
3.5	1.25	0.91	0.68	0.52	0.40	0.30	
3.0		0.84	0.64	0.49	0.38	0.29	
2.5		0.75	0.58	0.45	0.36	0.28	
2.0			0.52	0.41	0.33	0.26	
1.5			0.46	0.37	0.30	0.24	
1.0		0.51	0.41	0.34	0.27	0.22	
0.5		0.46	0.37	0.31	0.25	0.21	
0.0	0.56	0.43	0.35	0.29	0.24	0.20	
-0.5	0.55	0.42	0.34	0.28	0.23		
-1.0	0.56	0.42	0.33	0.28	0.24		
-1.5	0.58	0.44	0.35	0.29			
-2.0	0.62	0.47	0.38				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6dU		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	135° to 160°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.31						
5.5	1.24b	1.03	0.77				
5.0	0.98b	1.05	0.81	0.62			
4.5	0.94b	1.05	0.81	0.63	0.48		
4.0	1.10b	1.03	0.80	0.63	0.49		
3.5	1.31	0.99	0.77	0.61	0.48	0.38	
3.0		0.93	0.73	0.58	0.46	0.37	
2.5		0.85	0.67	0.54	0.44	0.36	
2.0			0.62	0.50	0.41	0.34	
1.5			0.56	0.47	0.39	0.32	
1.0		0.62	0.52	0.43	0.36	0.30	
0.5		0.58	0.48	0.41	0.34	0.29	
0.0	0.69	0.56	0.46	0.39	0.33	0.28	
-0.5	0.69	0.55	0.45	0.38	0.32		
-1.0	0.69	0.55	0.45	0.38	0.33		
-1.5	0.71	0.56	0.46	0.39			
-2.0	0.75	0.59	0.49				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6d		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	135° to 160°
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.27				
5.0	0.98b	1.32b	1.32	1.02			
4.5	0.94b	1.28b	1.32	1.04	0.82		
4.0	1.10b	1.38b	1.30	1.03	0.83		
3.5	1.50b	1.64b	1.27	1.01	0.82	0.66	
3.0		1.57	1.22	0.98	0.80	0.65	
2.5		1.48	1.16	0.94	0.77	0.64	
2.0			1.09	0.89	0.74	0.62	
1.5			1.03	0.85	0.71	0.60	
1.0		1.21	0.98	0.81	0.68	0.58	
0.5		1.16	0.94	0.78	0.66	0.56	
0.0	1.46	1.13	0.91	0.76	0.64	0.55	
-0.5	1.45	1.11	0.90	0.75	0.64		
-1.0	1.46	1.11	0.89	0.75	0.64		
-1.5	1.48	1.13	0.91	0.76			
-2.0	1.52	1.16	0.95				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
BOGIE NUMBER	1141
EQUIPMENT	Boom 2m95, Arm 1m85
DATE	08 December 2004
ISSUE	1

LUL

This machine is equipped with a Prolec LW5 RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

6eU		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	FLOAT (LIFT & CARRY)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.86b	
3.0		2.04b	1.96b	1.90b	1.87b	1.88b	
2.5		2.56b	2.28b	2.10b	2.00b	1.94b	
2.0			2.62b	2.33b	2.15b	2.03b	
1.5			2.96b	2.56b	2.30b	2.12b	
1.0		4.01b	3.23b	2.75b	2.43b	2.21b	
0.5		4.25b	3.43b	2.90b	2.53b	2.26b	
0.0	5.63b	4.35b	3.53b	2.98b	2.58b	2.25b	
-0.5	5.52b	4.33b	3.54b	2.98b	2.55b		
-1.0	5.27b	4.18b	3.43b	2.87b	2.38b		
-1.5	4.85b	3.88b	3.17b	2.57b			
-2.0	4.17b	3.31b	2.58b				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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ROADRAILER

by REXQUOTE

MACHINE TYPE	Komatsu PW410
SERIAL NUMBER	4389
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6e		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	+/-20° Over the rear
		OSC. AXLE	LOCKED (Static lift only)

	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.0	1.86b						
5.5	1.24b	1.55b	1.86b				
5.0	0.98b	1.32b	1.56b	1.79b			
4.5	0.94b	1.28b	1.48b	1.64b	1.84b		
4.0	1.10b	1.38b	1.54b	1.65b	1.75b		
3.5	1.50b	1.64b	1.70b	1.74b	1.78b	1.64	
3.0		2.04b	1.96b	1.90b	1.84	1.63	
2.5		2.56b	2.28b	2.06	1.82	1.62	
2.0			2.31	2.02	1.80	1.60	
1.5			2.26	1.99	1.77	1.59	
1.0		2.55	2.23	1.96	1.75	1.57	
0.5		2.52	2.20	1.94	1.73	1.56	
0.0	2.93	2.50	2.18	1.93	1.72	1.56	
-0.5	2.92	2.49	2.17	1.92	1.72		
-1.0	2.93	2.49	2.17	1.92	1.72		
-1.5	2.94	2.50	2.18	1.93			
-2.0	2.97	2.53	2.20				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar). All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm.
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