

SERVICE INFORMATION

DOUBLE COIN FOR GRADER SERVICE – 40 KM/H (25 MPH) MAXIMUM SPEED

Grader
DISTANCE – Unlimited

TIRE SIZE DESIGNATION	KPA	200	225	250	275	300	325	350	375
	PSI	29	33	36	40	44	47	51	54
13.00R24	KG	1850	2000	2180	2360	2500	2650	2800	3000*
	LB	4080	4400	4800	5200	5520	5840	6150	6600*
14.00R24	KG	2240	2430	2650	2800	3000	3250	3350	3650*
	LB	4940	5360	5840	6150	6600	7150	7400	8050*

MAXIMUM SPEED	% LOAD CHANGE FROM ABOVE TABLE
40 KM/H (25 MPH)	NO CHANGE
50 KM/H (30 MPH)	-9%

MAXIMUM SPEED	% LOAD CHANGE FROM ABOVE TABLE
60 KM/H (35 MPH)	-18%
65 KM/H (40 MPH)	-27%

MAXIMUM EXCESS LOADS	
LOAD	PRESSURE*
15%	30%
7%	14%

DOUBLE COIN ROAD SLOW SPEED SERVICE – 10 KM/H (5 MPH) MAXIMUM SPEED

Loaders, Dozers, Lift Trucks & Straddle Carriers
DISTANCE – Up to 76 m (250 feet) one way

TIRE SIZE DESIGNATION	KPA	400	425	450	475	500	525	550	575	600	625	650
	PSI	58	62	65	69	73	76	80	83	87	91	94
17.5R25	KG	6000	6150	6500	6700	7100*	7300	7500	7750	8000	8250	8500*
	LB	13200	13600	14300	14800	15700*	16100	16500	17100	17600	18200	18700*
20.5R25	KG	8000	8250	8750	9000	9500*	9750	10000	10300	10900	11200	11500*
	LB	17600	18200	19300	19800	20900*	21500	22000	22700	24000	24700	25400*
23.5R25	KG	10300	10600	11200	11500	12150*	12500	12850	13200	13600	14000	14500*
	LB	22700	23400	24700	25400	26800*	27600	28300	29100	30000	30900	32000*
26.5R25	KG	12850	13200	14000	14500	15000*	15500	16000	16500	17000	18000	18500*
	LB	28300	29100	30900	32000	33100*	34200	35300	36400	37500	39700	40800*
29.5R25	KG	15500	16000	17000	17500	18000*	19000	19500	20000	20600	21200	22400*
	LB	34200	35300	37500	38600	39700*	41900	43000	44100	45400	46700	49400*

MAXIMUM SPEED	% LOAD CHANGE FROM ABOVE TABLE
STATIONARY	+60%
CREEP	+30%
4 KM/H (2½ MPH)	+15%

MAXIMUM SPEED	% LOAD CHANGE FROM ABOVE TABLE
10 KM/H (5 MPH)	NO CHANGE
5 KM/H (10 MPH)	-13%
25 KM/H (15 MPH)	-20%

MAXIMUM EXCESS LOADS	
LOAD	PRESSURE*
15%	30%
7%	14%

* If excess loads are encountered, cold inflation pressures must be increased to compensate for higher loads. For each 1% increase in load, cold inflation pressure must be increased by 2%. Cold inflation pressure shall not exceed 800 kPa (116 psi). Any loads higher than the listed max or an increase of air beyond 116 psi need the written approval of CMA ROTR department.

SERVICE INFORMATION

DOUBLE COIN ROAD HAULAGE SERVICE – 50 KM/H (30 MPH) MAXIMUM SPEED

Earthmover (Haulage) Vehicles
 DISTANCE - Up to 4 km (2.5 miles) one way

TIRE SIZE DESIGNATION	KPA	275	300	325	350	375	400	425	450	475	500	525
	PSI	40	44	47	51	54	58	62	65	69	73	76
17.5R25	KG	3350	3500	3750	4000	4125	4375	4625	4750	5000	5150	5450*
	LB	7400	7850	8250	8800	9100	9650	10200	10500	11000	11400	12000*
20.5R25	KG	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300*
	LB	9650	10500	11000	11700	12300	12800	13600	14300	14800	15200	16100*
23.5R25	KG	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250*
	LB	12300	13200	14300	14800	15700	16500	17100	18200	18700	19800	20400*
26.5R25	KB	7100	7500	8000	8500	9000*	9500	9750	10300	10600	11200	11500*
	LB	15700	16500	17600	18700	19800*	20900	21500	22700	23400	24700	25400*
29.5R25	KG	8500	9250	9750	10300	10900	11500	11800	12500	12850	13600	14000*
	LB	18700	20400	21500	22700	24000	25400	26000	27600	28300	30000	30900*

TIRE SIZE DESIGNATION	KPA	450	475	500	525	550	575	600	625	650	675	700
	PSI	65	69	73	76	80	83	87	91	94	98	102
13.00R24	KG	3350	3550*	3650	3750	3875	4125	4250	4375	4500	4625	4750*
	LB	7400	7850*	8050	8250	8550	9100	9350	9650	9900	10200	10500*
14.00R24	KG	4000	4125*	4375	4500	4625	4750	5000	5150	5300	5450	5600*
	LB	8800	9100*	9650	9900	10200	10500	11000	11400	11700	12000	12300*
16.00R25	KG	5150	5450*	5600	5800	6000	6300	6500	6700	6900	7100	7300*
	LB	11400	12000*	12300	12800	13200	13900	14300	14800	15200	15700	16100*
18.00R33	KG	7750	8000*	8500	8750	9000	9250	9750	10000	10300	10600	10900*
	LB	17100	17600*	18700	19300	19800	20400	21500	22000	22700	23400	24000*
21.00R33	KG	10000	10300	10900	11200	11500	11800	12500	12850	13200	13600	14000*
	LB	22000	22700	24000	24700	25400	26000	27600	28300	29100	30000	30900*
24.00R35	KG	13200	13600	14000	14500	15500	16000	16500	17000	17500	18000	18500*
	LB	29100	30000	30900	32000	34200	35300	36400	37500	38600	39700	40800*
27.00R49	KG	19500	20000*	20600	21800	22400	23000	23600	25000	25750	26500	27250*
	LB	43000	44100*	45400	48100	49400	50700	52000	55100	56800	58400	60000*
37.00R57	KG	37500	38750*	40000	41250	43750	45000	46250	47500	48750	50000	51500*
	LB	82500	85500*	88000	91000	96500	99000	102000	104500	107500	110000	113500*

MAXIMUM SPEED	% LOAD CHANGE FROM ABOVE TABLE
50 KM/H (30 MPH)	*
45 KM/H (28 MPH)	+2%
40 KM/H (25 MPH)	+3%
35 KM/H (22 MPH)	+4%

MAXIMUM SPEED	% LOAD CHANGE FROM ABOVE TABLE
30 KM/H (18 MPH)	+6%
25 KM/H (16 MPH)	+8%
20 KM/H (10 MPH)	+10%
15 KM/H (9 MPH)	+12%

MAXIMUM EXCESS LOADS	
LOAD	PRESSURE*
15%	30%
7%	14%

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