MLT & MLT-X 960

INDUSTRIAL and AGRICULTURE HANDLING solutions

MANITOU
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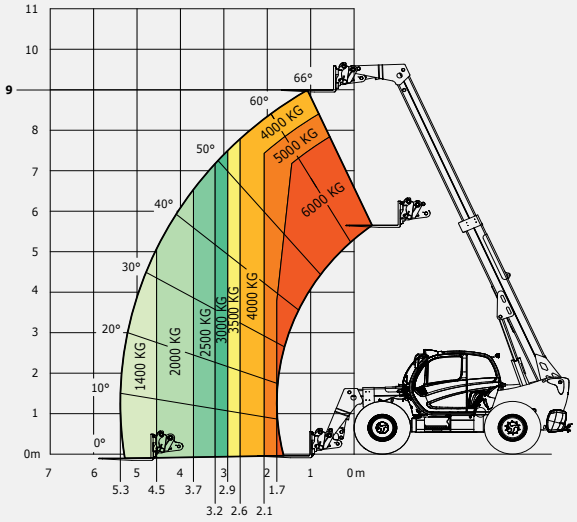
	MLT 960	MLT-X 960
Lifting		
Max. capacity	6000 kg	
Max. lifting height	9 m	
Max. outreach	5.3 m	
Reach at max. height	1.1 m	
Break-out force with bucket	7300 daN	
Unladen time		
Lifting	8.5 secs	
Lowering	6.5 secs	
Extension	7 secs	
Retraction	6 secs	
Crowd	3.8 secs	
Dump	3.6 secs	
Tyres	500/70 - R24	
Braking		
Service brake	hydraulic oil immersed multi-disc braking on front/rear axles	
Parking brake	automatic negative handbrake on the front axle	
Engine	JOHN DEERE	
Type	4045 PWX 104 kW St.IIIB	4045 - PWX St.IIIA
Cubic capacity	4500 cm^3	
Power	141 HP - 104 kW	137 HP - 102 kW
Max. torque	534 Nm - 1500 rpm	545 Nm - 1500 rpm
Injection	direct	
Cooling	water	
Laden drawbar pull	10000 daN	
Transmission		
Gearbox	**CVT DANA 318**	
Reversing shift	electrohydraulic control	
Max. travel speed (may vary according to applicable regulations)	40 kph	
Hydraulics	swashplate piston pumps electronically controlled variable cubic capacity	
Pump	180 l/min - 270 bar	
Control valve	Rexroth	
Capacities		
Hydraulic oil	153 l	
Fuel	135 l	
Unladen weight (with forks)	11400 kg	
Dimensions		
1. Ground clearance	0.45 m	
2. Overall length to carriage	6.1 m	
3. Wheelbase	3 m	
4. Overall width of cab	0.995 m	
5. Overall width	2.48 m	
6. Overall height	2.53 m	
7. Turning radius (over tyres)	4.3 m	
8. Turning radius (with forks)	5.49 m	
Standard forks (length x width x thickness)	1200 x 200 x 60 mm	
Noise and vibration		
Noise at driving position (LpA)	80 dB	
Environmental noise (LwA)	105 dB	
Vibration to whole hand/arm	< 2.5 m/s^2	

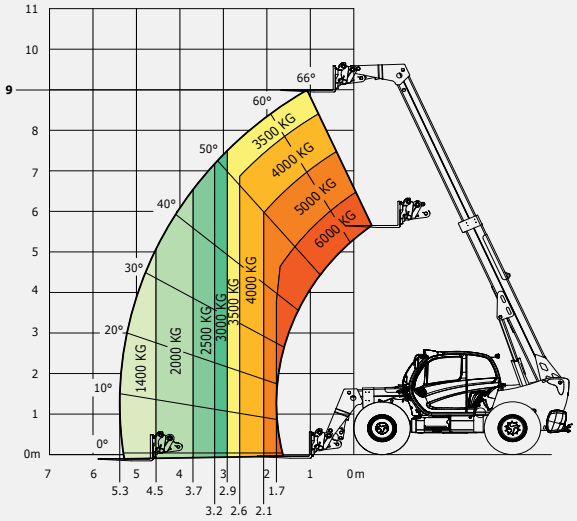
Industrial load chart
standard EN1459 A

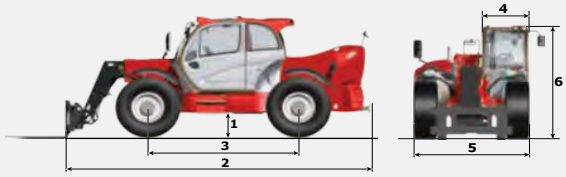
Machine on tyres with forks - CDG 600mm

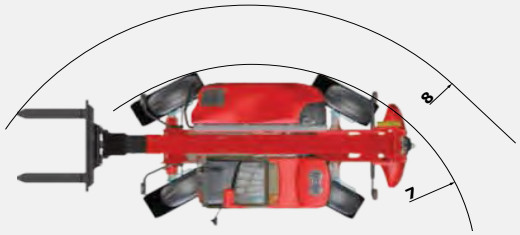


Rough terrain load chart
standard EN1459 B

Machine on tyres with forks







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Your nearest **MANITOU** dealer:

Maple Lane
FARM SERVICE INC.

9545 Concession 6N
Mount Forest, ON
N0G 2L0

519.323.4289 www.maplelanefarmservice.ca

MANITOU

Head office:
B.P. 249 - 430 rue de l'Aubinière - 44158 Ancenis Cedex - France
Tel: 00 33 (0)2 40 09 10 11 - Fax: 00 33 (0)2 40 09 10 97
www.manitou.com

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