

MT1435



TECHNICAL DATA SHEET



MT 1435

Lifting

Max. capacity	3500 kg
Max. lifting height	13.52 m
Max. outreach	9.52 m
Break-out force with bucket	7400 daN

Unladen time

Lifting	15.5 s
Lowering	11.6 s
Extension	16.5 s
Retraction	11.9 s
Crowd	4 s
Dump	4 s

Tyres

400/80-24

Braking

Service brake	oil immersed multi-disc braking on front/rear axles
Parking brake	automatic negative handbrake

Engine

PERKINS - STAGE 3B

Type	854E-E34TA
Cubic capacity	3400 cm ³
Power	102 cv/75 kW
Max. torque	420 Nm - 1400 tr/min
Injection	direct
Cooling	water/air
Laden drawbar pull	7980 daN

Transmission

torque converter
4 wheel drive

Reversing shift	electrohydraulic control
Number of gears (forward/reverse)	4/4

Max. travel speed (may vary according to applicable regulations)	25 kph
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Steering mode

4 wheel steer - 3 steering modes



Controls

JSM® Joystick multi - function
load limiter cut off system - EN15000 norm

Hydraulics

Pump	gear type with flow splitter 170 l/min - 270 bar
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Capacities

Hydraulic oil	135 l
Fuel	140 l

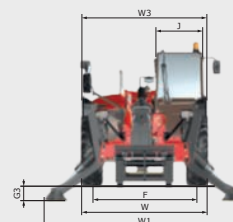
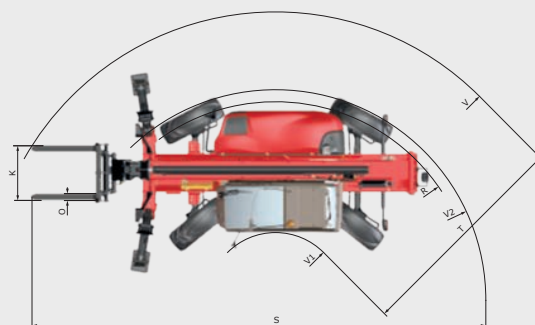
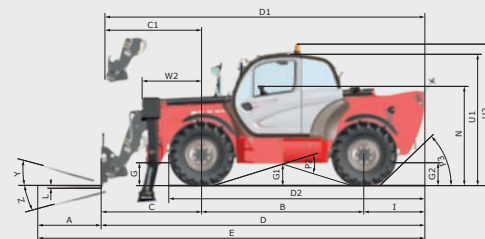
Unladen weight (with forks)	9 700 kg
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Dimensions

C. Front wheel centre to carriage	1.90 m
B. Wheelbase	3.07 m
I. Rear wheel centre to rear face	1.16 m
D. Overall length to carriage	6.13 m
G1. Ground clearance	0.37 m
J. Overall width of cab	0.89 m
F. Inside tyre width	1.96 m
W. Overall width	2.37 m
W1. Overall width (stabilizers lowered)	3.79 m
U1. Overall height	2.45 m
Standard forks (length x width x thickness)	1200 x 125 x 50 mm
Turning radius (over tyres)	3.97 m
Frame levelling	(in option)
Carriage rotation (crowd/dump)	12°/114°

Noise and vibrations

Noise at driving position (LpA)	82 dB
Environmental noise (LwA)	106 dB
Vibration to whole hand/arm	<2.5 m/s ²

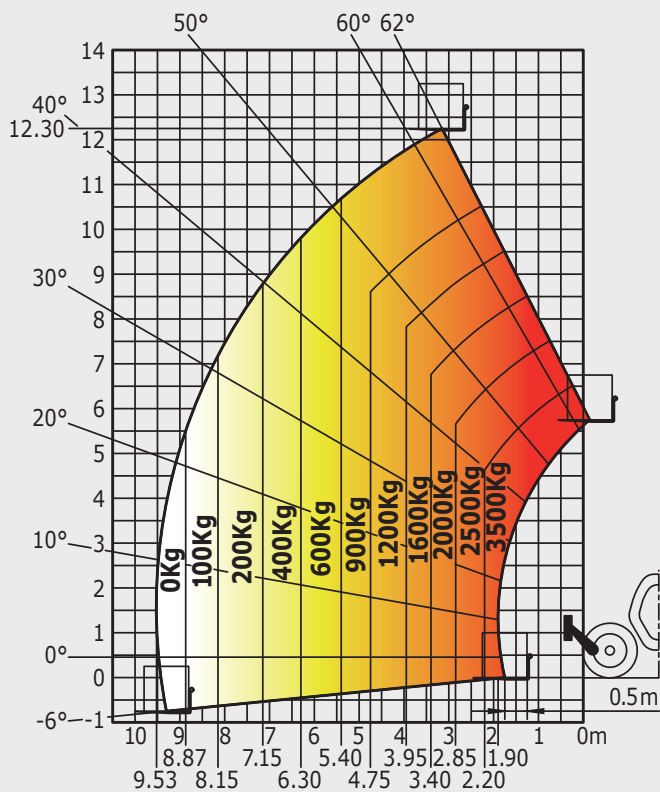


mm		D2	4859	I	1160	P3	44°	V1	1285
A	1200	E	7335	J	892	R	3779	V2	3986
B	3070	F	1960	K	1040	S	8626	W	2374
C	1905	G	384	L	50	T	4183	W1	3793
C1	1790	G1	367	N	1855	U1	2452	W2	1134
D	6135	G2	380	O	125	U2	2640	W3	2422
D1	6020	G3	355	P2	34°	V	5468	Y	12°
								Z	114°

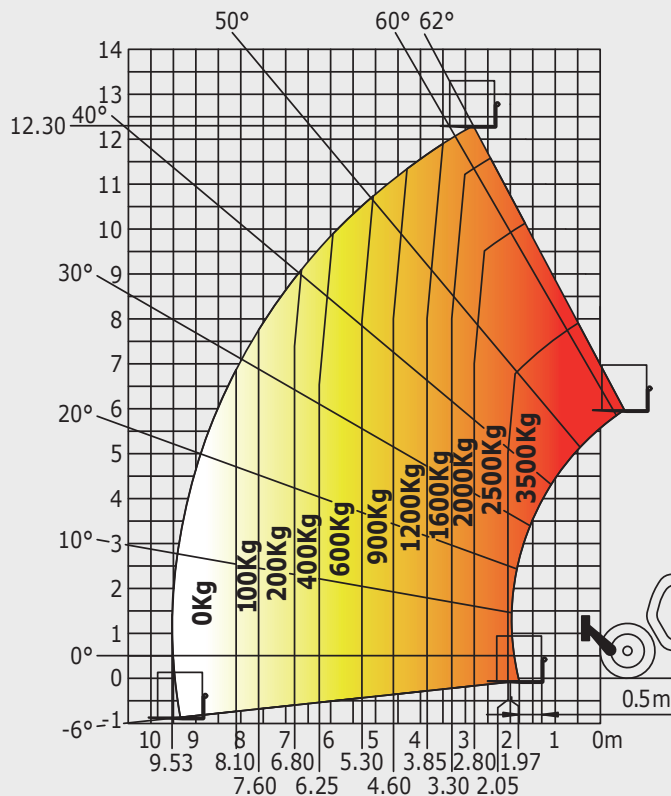
Rough terrain load chart

Standard EN1459 B

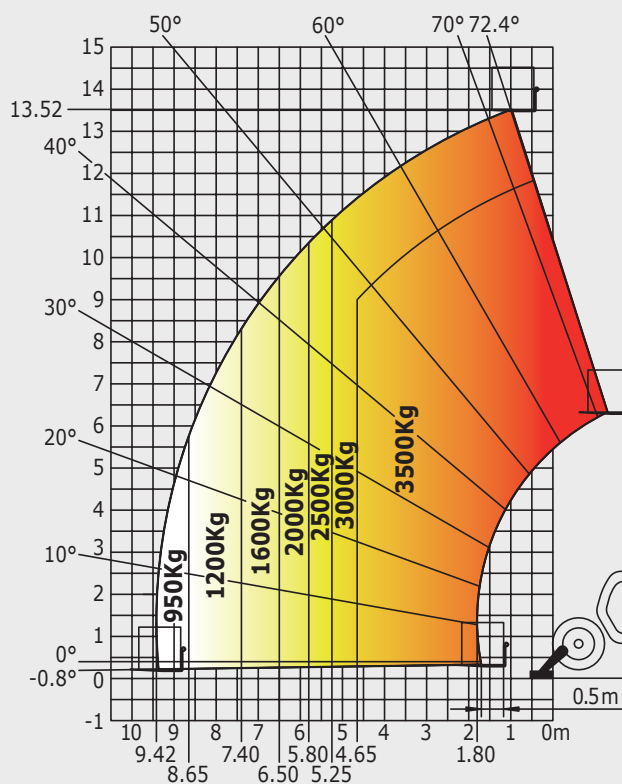
Machine on tyres with forks
without frame levelling



Machine on tyres with forks
with frame levelling



Machine on stabilizers with forks



Your nearest **MANITOU** dealer:



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