

TECHNICAL DATA SHEET

MRT 2150 PRIVILEGE + **Manitou Telescopic**

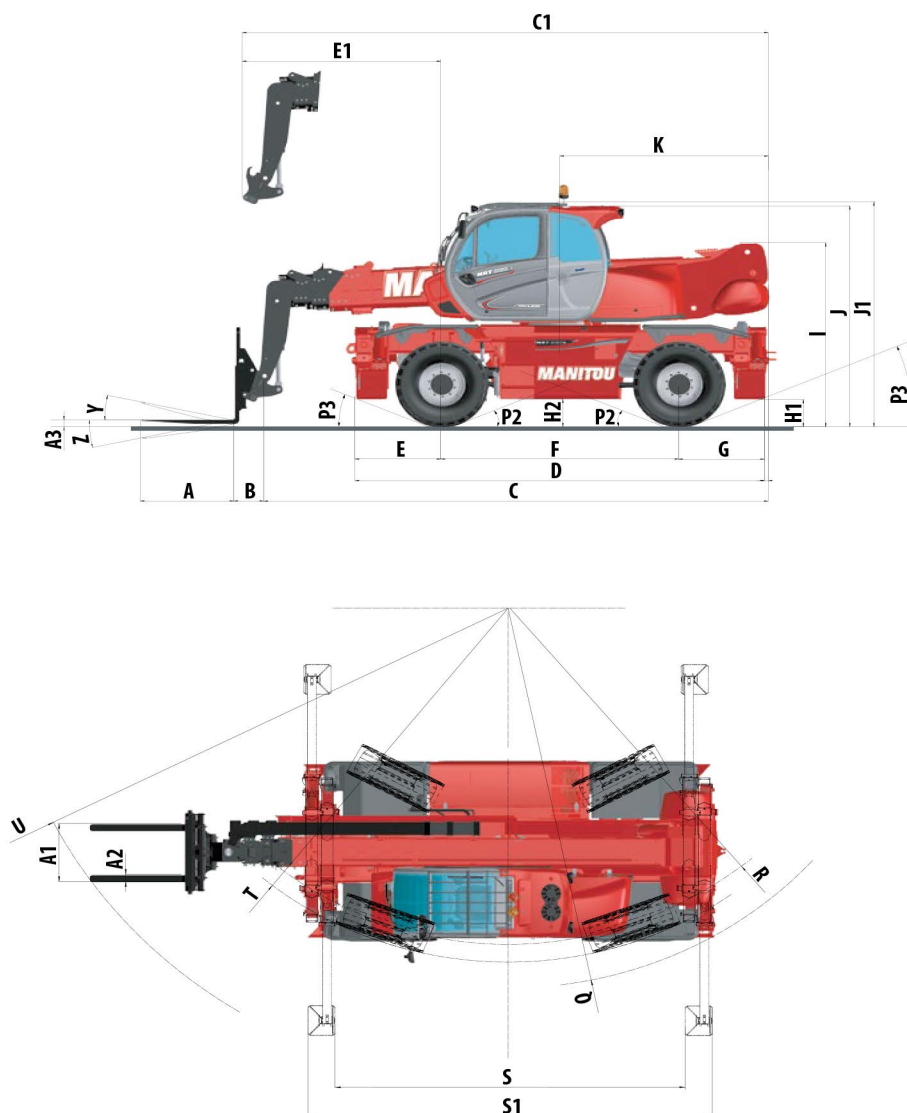


MRT 2150 PRIVILEGE +



MRT 2150 Privilege +	
Lifting	
Max. capacity with forks at 500 mm LC	4999 kg
Max. lifting height	20.90 m
Max. outreach	17.90 m
Tyres	445 / 65 R22.5
Stabilizers	duplex telescopic simultaneously and individually controlled
Full continuous rotation	turret mounted on a double slew ring with internal gearing / slewing system with negative brake
Frame levelling / oscillating axle	on front axles +/- 8° oscillating rear axle with automatic hydraulic lock out on rotation (> +/- 7.5°) and boom height (> 55°)
Braking	
Service brake	oil bath multiple disc brakes hydraulically assisted on both axles
Parking brake	automatic negative parking brake
Engine	
Type	MERCEDES - STAGE 4 - FINAL TIER 4
Displacement	OM 934 E4-5
Power	4 cylinders - 5.13 liters
Max torque	156 HP/115 kW
Gradeability	675 Nm - from 1200 to 1500 rpm
Batteries	40%
Transmission	24 V: 2x 12V - 120 Ah - 850 A
Drive wheels	hydrostatic
Steering mode	4 wheel drive
Max. travel speed (may vary according to applicable regulations)	4 wheel steer - 3 steering modes
Controls	36 kph
Hydraulics	2 multi-function joysticks
Hydraulic pump	115 l/min – 275 bar gear type
Capacities	
Hydraulic oil	225 l
Fuel	305 l
Urea (AdBlue type *)	57 l
Unladen weight (with forks)	17930 kg
Dimensions	
Overall width	2.49 m
Overall width (stabilizers extended)	5.55 m
Overall height	3.05 m
Overall length to carriage	
Turning radius (over tyres)	4.88 m
Ground clearance	0.35 m
Standard forks (length x width x thickness)	1200 x 150 x 50 mm
Safety	load state monitoring system (crane norm) attachement recognition system (E-Reco) cab compliant with ROPS / FOPS level II standard
Noise and vibration	
Noise at driving position (LpA)	79.7 dB
Environmental noise (LwA)	104 dB
Vibration to whole hand/arm	<2.50 m/s²

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mm	MRT 2150
A	1200
A1	150
B	385
C	6485
C1	6760
D	5350
E	1150
E1	2560
F	3050
G	1150
H1	350
H2	350
I	2630
J	3000
J1	3050
K	2675

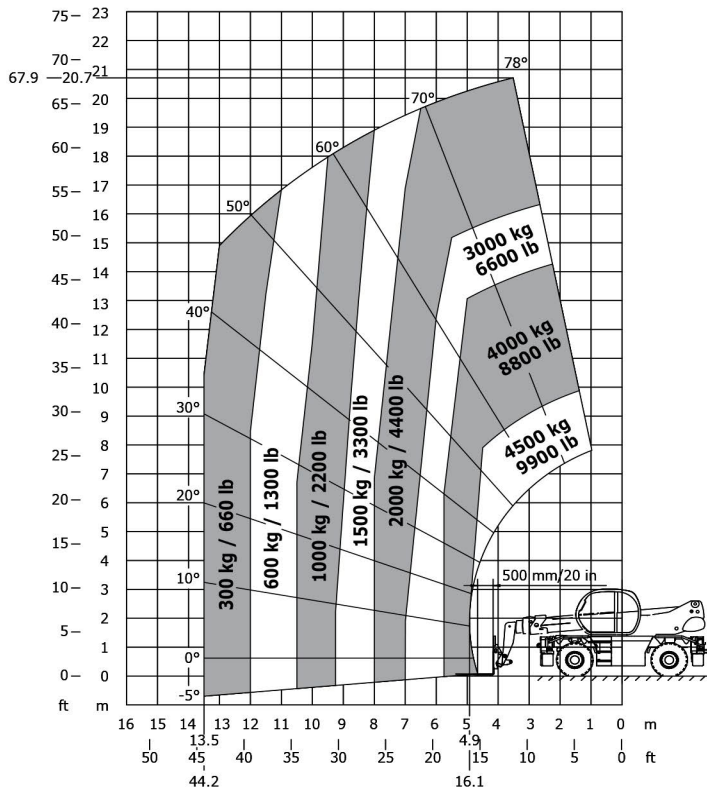
mm	MRT 2150
L	2050
M	2490
N	5140
O	5555
P	230
P2	15°
P3	22°
Q	5235
R	4650
S	4500
S1	5190
T	4880
U	6550
V	950
Y	12°
Z	105°



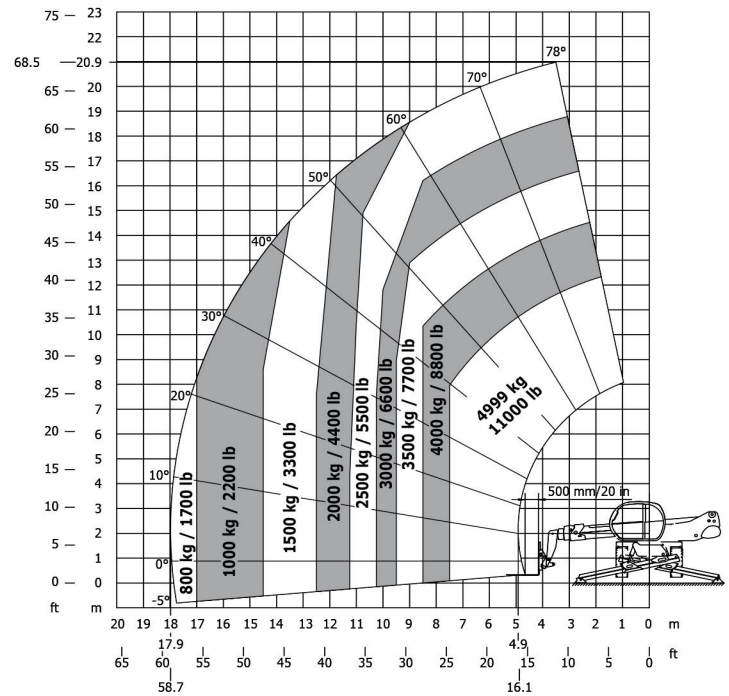
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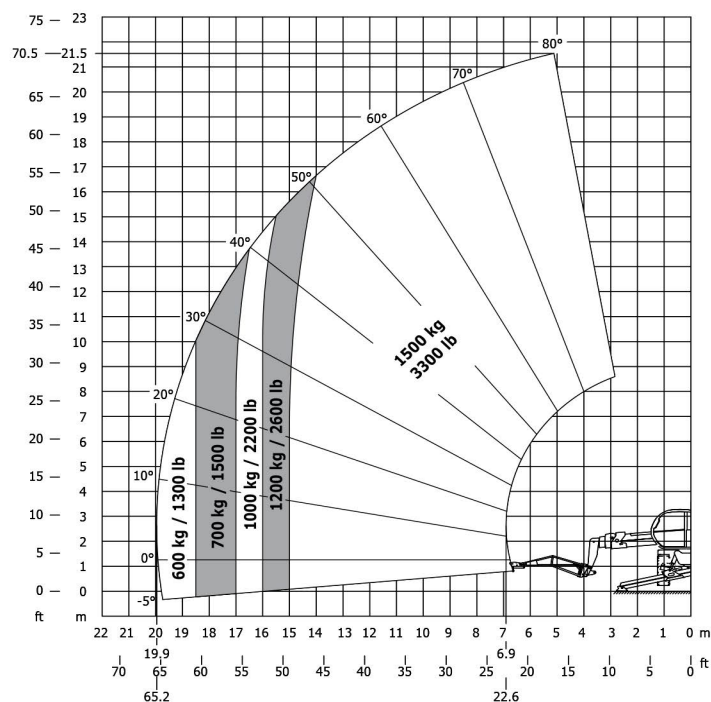
**Frontal on wheels
with forks**



**Rotation on extended stabilizers
with forks**



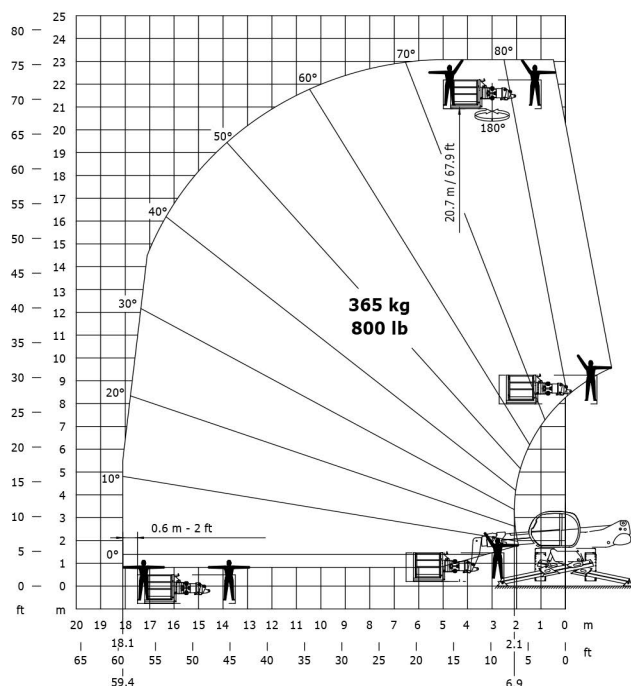
**Rotation on extended stabilizers
with 1500 jib**



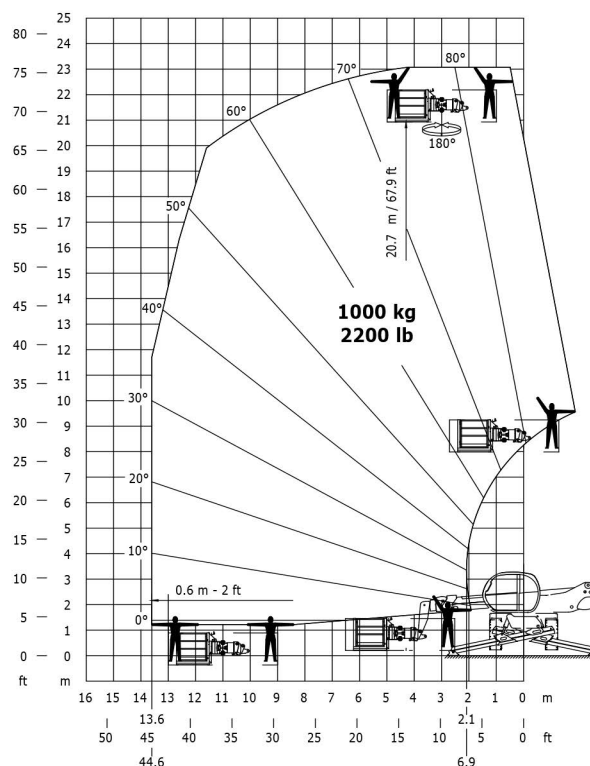
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Rotation on extended stabilizers
with 365 kg platform



Rotation on extended stabilizers
with 1000 kg platform



Rotation on extended stabilizers
with 5000 kg winch

