

TECHNICAL DATA SHEET

MRT 2145

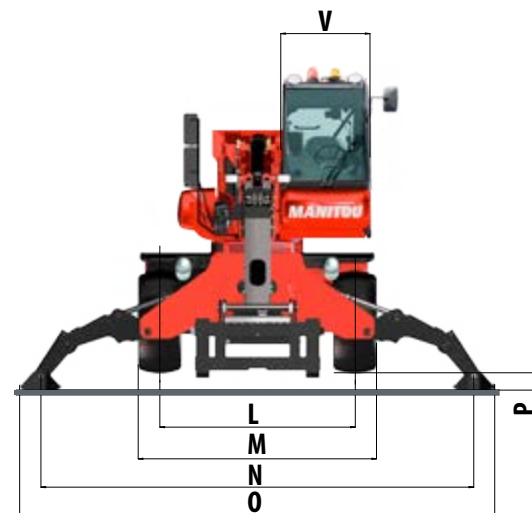
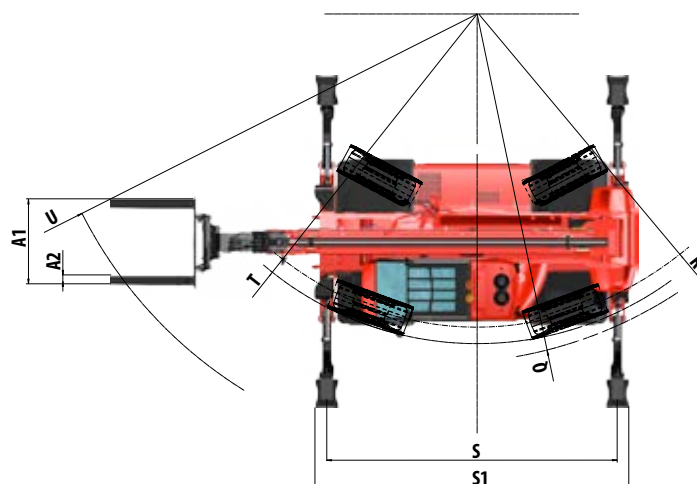
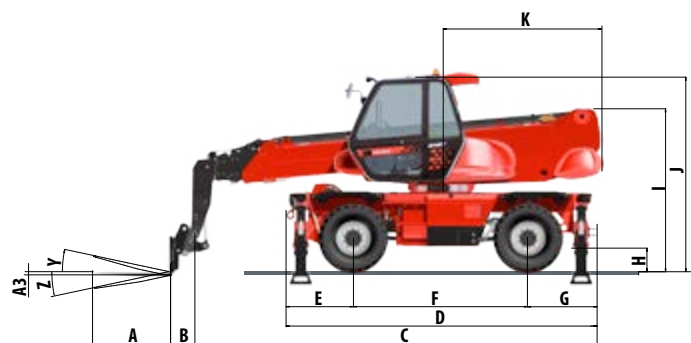
Manitou Telescopic

easy



 **MANITOU**
HANDLING YOUR WORLD

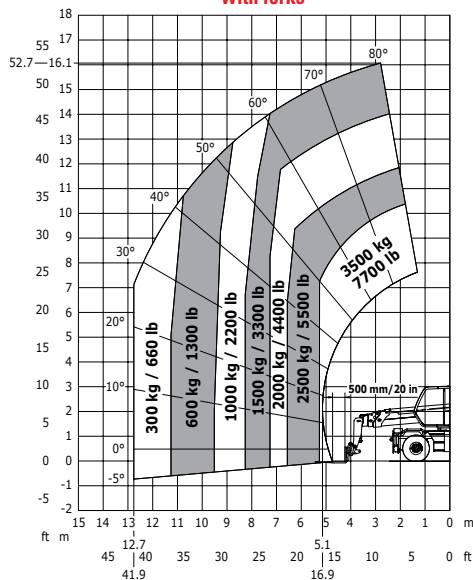
MRT 2145 Easy	
Lifting	
Max. capacity at 500 mm LC	4500 kg
Max. lifting height	20.60 m
Max. outreach	17.90 m
Tyres	18-19.5 MPT-03 TL
Stabilizers	spider type simultaneously or individually controlled
Rotation through 400° (360° in option)	turret mounted on a double slew ring with internal gearing slewing system with negative brake
Braking	
Service brake	oil bath multiple-disc brakes hydraulically assisted on both axles
Parking brake	negative parking brake
Engine	
Type	PERKINS 854F-E34TA (STAGE 3B / INTERIM TIER 4)
Displacement	4 cylinders - 3.4 liters
Power	102 HP/75 kW
Max torque	420 Nm at 1400 rpm
Batteries	12 V - 120 Ah
Laden drawbar pull	7900 daN
Gradeability	44.5 %
Transmission	
Drive wheels	4 wheel drive
Steering mode	4 wheel steer - 3 steering modes
Max. travel speed (may vary according to applicable regulations)	37 kph
Controls	
2 multi-function joysticks	
Hydraulics	
Hydraulic pump	115 l/min – 270 bar gear pump
Capacities	
Hydraulic oil	150 l
Fuel	130 l
Unladen weight (with forks)	14530 kg
Dimensions	
Overall width	2.50 m
Overall width (stabilizers lowered)	4.90 m
Overall height	3.02 m
Overall length to carriage	6.59 m
Turning radius (over tyres)	3.60 m
Ground clearance	0.32 m
Standard forks (length x width x thickness)	1200 x 125 x 50 mm
Safety	
load state monitoring system - (crane norm) attachement recognition system (E-Reco) ROPS FOPS level II standard cab	
Noise and vibration	
Noise at driving position (LpA)	81.9 dB
Environmental noise (LwA)	105 dB
Vibrations to whole hand/arm	< 2.50 m/s ²



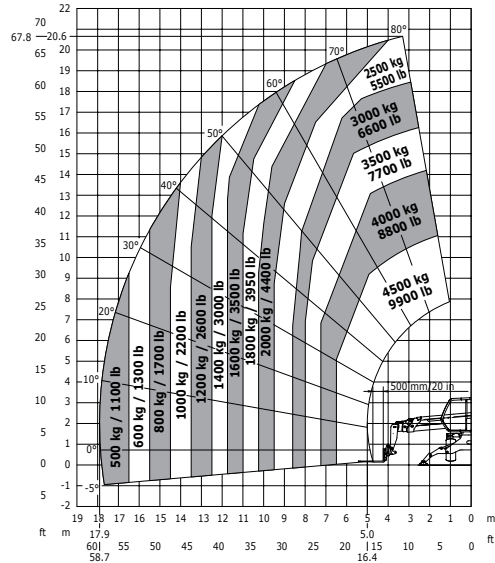
mm	MRT 2145 Easy
A	1200
A1	1320
A2	150
A3	50
B	310
C	6280
D	4711
E	990.5
F	2730
G	990.5
H	320
I	2510
J	3019
K	2702

mm	MRT 2145 Easy
L	2040
M	2500
N	4538
O	4900
P	220
Q	4625
R	3410
S	4361
S1	4711
T	3600
U	5520
V	950
Y	10°
Z	107°

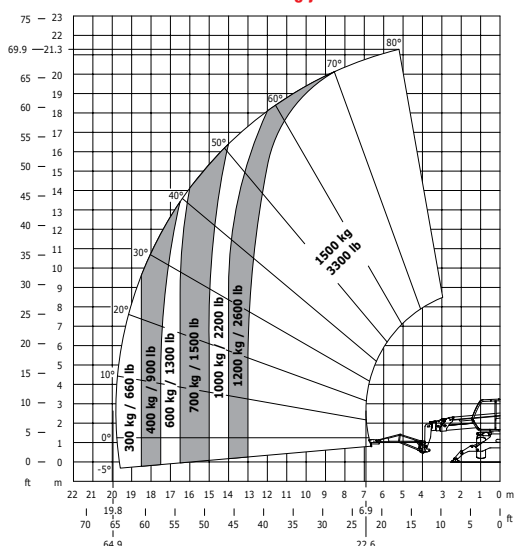
**Frontal on wheels
with forks**



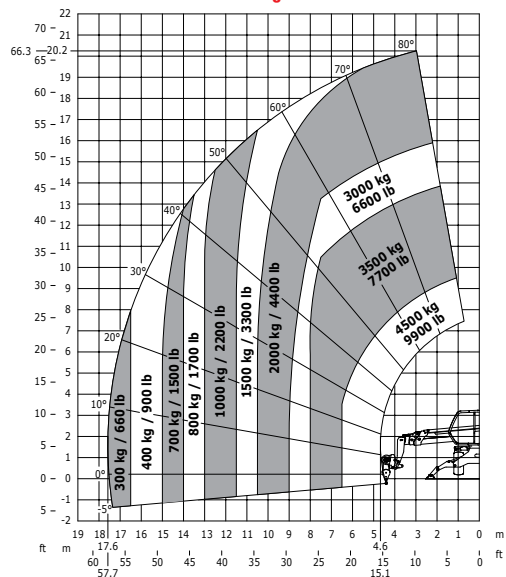
**Rotation on stabilizers
with forks**



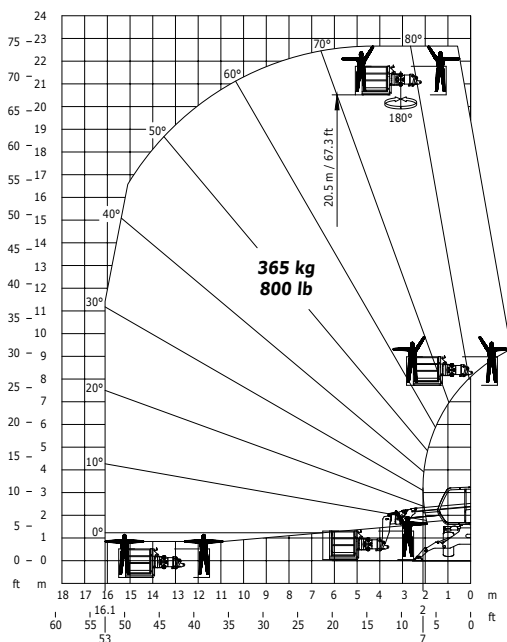
**Rotation on stabilizers
with 1500 kg jib**



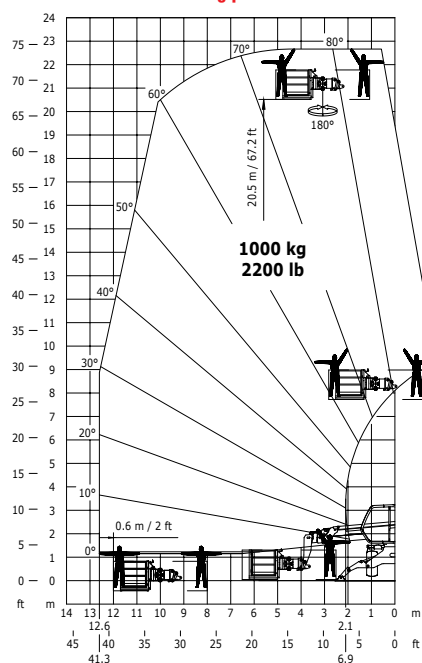
**Rotation on stabilizers
with 5000 kg winch**



**Rotation on stabilizers
with 365 kg platform**



**Rotation on stabilizers
with 1000 kg platform**



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