Technical sheet :

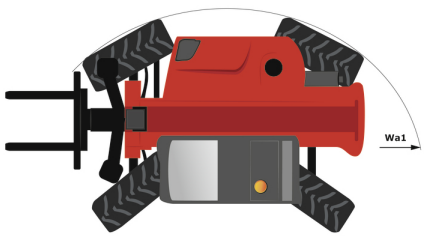
MT 1135 H EASY ST5

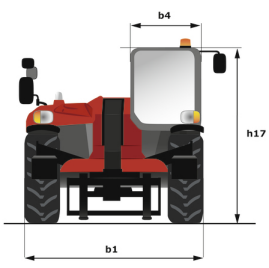


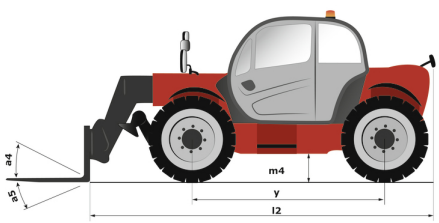
MANITOU
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Max. capacity		3500 kg	7716 lb
Max. lifting height		11.05 m	36 ft 3 in
Max. outreach		7.75 m	25 ft 5 in
Breakout force with bucket		6400 daN	6400 daN
Weight and dimensions			
Overall length to carriage	l11	5.37 m	17 ft 7 in
Length to face of forks	l2	5.37 m	17 ft 7 in
Overall width	b1	2.28 m	7 ft 6 in
Overall height	h17	2.42 m	7 ft 11 in
Wheelbase	y	2.88 m	9 ft 5 in
Ground clearance	m4	0.42 m	1 ft 5 in
Overall cab width	b4	0.88 m	2 ft 11 in
Tilt-up angle	a4	16 °	16 °
Tilt-down angle	a5	110 °	110 °
External turning radius (over tyres)	Wa1	3.65 m	12 ft
Unladen weight (with forks)		8915 kg	19654 lb
Overall weight		8800 kg	19401 lb
Tires type		Pneumatic	Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm	47 in x 5 in / 2 in
Performances			
Lifting		8.50 s	8.50 s
Lowering		7 s	7 s
Extension		13 s	13 s
Retraction		9 s	9 s
Crowd		5 s	5 s
Dump		3.80 s	3.80 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage V / Tier 4 final	Stage V / Tier 4 final
Engine model		TD 3.6 L	TD 3.6 L
Number of cylinders / Capacity of cylinders		4 - 3621 cm³	4 - 221 in³
I.C. Engine power rating - Power		75 Hp / 55.40 kW	75 Hp / 55.40 kW
Max. torque / Engine rotation		330 Nm @ 1600 rpm	243 ft/lbs @ 1600 rpm
Drawbar pull (Laden)		8000 daN	8000 daN
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		3 / 2	3 / 2
Max. travel speed		24.90 km/h	15 mph
Parking brake		Automatic parking brake	Automatic parking brake
Service brake		Oil-Immersed multi-discs braking on front axles	Oil-Immersed multi-discs braking on front axles
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow / Pressure		125 l/min-270 bar	33 US gpm-3916 PSI
Tank capacities			
Engine oil		10 l	3 US gal
Hydraulic oil		140 l	37 US gal
Fuel tank		120 l	32 US gal
Noise and vibration			
Noise at driving position (LpA)		78 dB	78 dB
Noise to environment (LwA)		103 dB	103 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety / Safety cab homologation		Standard EN 15000 / ROPS - FOPS level 2 cab	Standard EN 15000 / ROPS - FOPS level 2 cab
Controls		JSM	JSM

MT 1135 H easy ST5 - Dimensional drawing

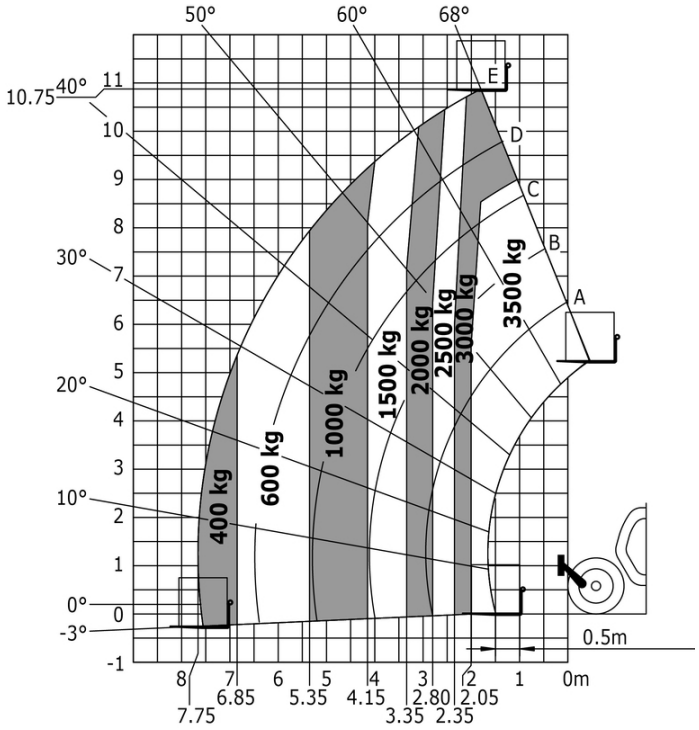




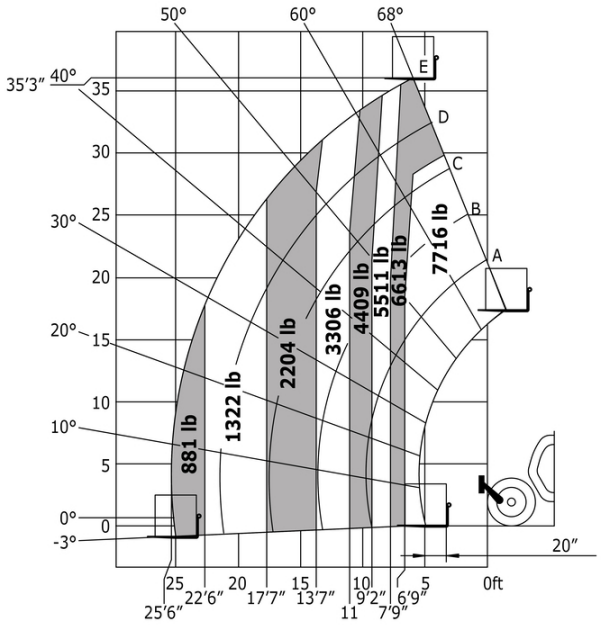


MT 1135 H easy ST5 - Load chart

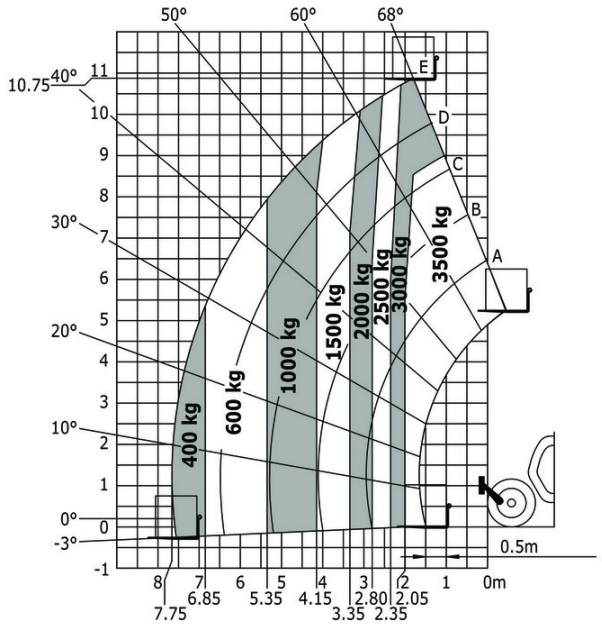
Machine on tyres with forks Metric



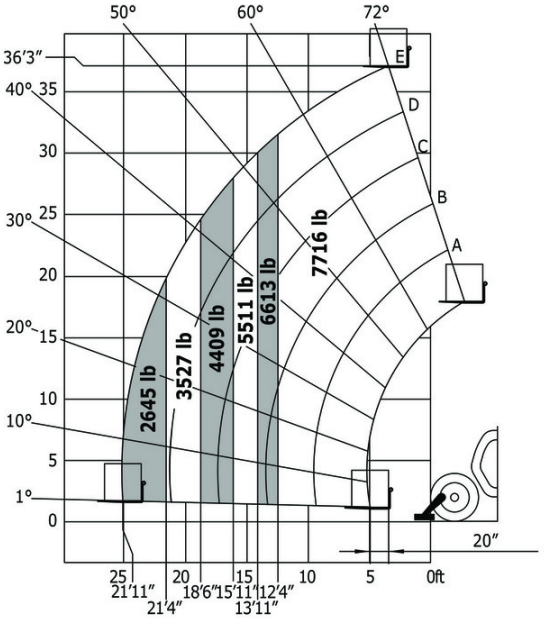
Machine on tyres with forks Imperial



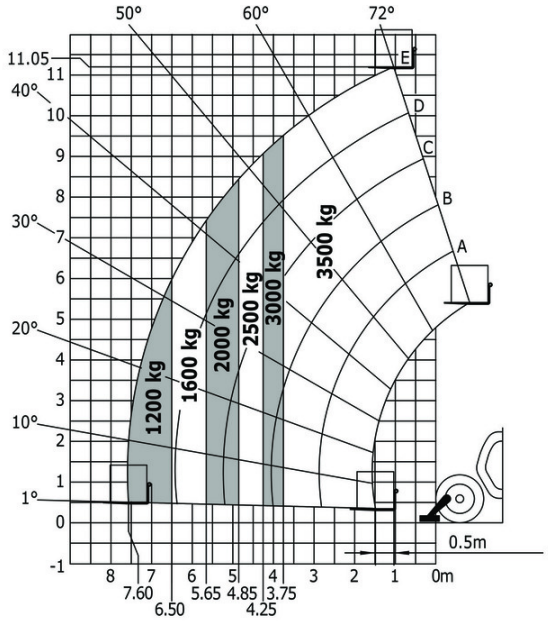
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Imperial



Machine on lowered stabilisers with forks Metric



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