

Technical sheet :

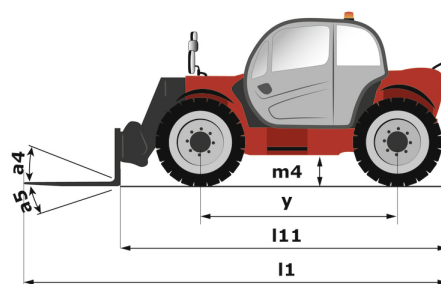
MT 1135 ST5



 **MANITOU**
HANDLING YOUR WORLD

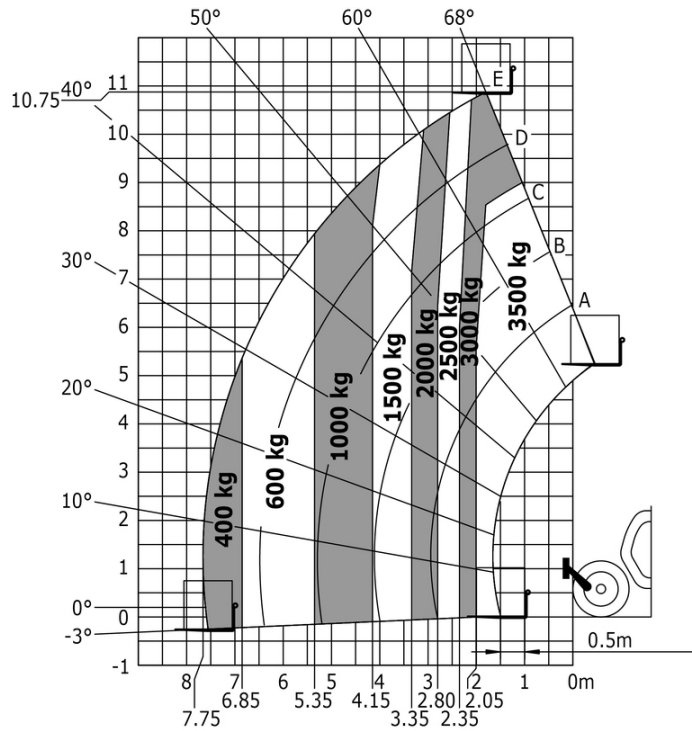
Capacities		Metric
Max. capacity		3500 kg
Max. lifting height		11.05 m
Max. outreach		7.75 m
Breakout force with bucket		6070 daN
Weight and dimensions		
Overall length to carriage	l11	5.37 m
Overall width	b1	2.28 m
Overall height	h17	2.42 m
Wheelbase	y	2.88 m
Ground clearance	m4	0.42 m
Overall cab width	b4	0.88 m
Tilt-up angle	a4	16 °
Tilt-down angle	a5	110 °
External turning radius (over tyres)	Wa1	3.84 m
Unladen weight (with forks)		8510 kg
Overall weight		8510 kg
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm
Performances		
Lifting		8 s
Lowering		6.50 s
Extension		12.50 s
Retraction		9 s
Crowd		4 s
Dump		4 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6
Number of cylinders / Capacity of cylinders		4 - 3621 cm³
I.C. Engine power rating - Power		100 Hp / 75 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm
Drawbar pull (Laden)		8450 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		24.90 km/h
Parking brake		Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		125 l/min-270 bar
Tank capacities		
Engine oil		10 l
Hydraulic oil		140 l
Fuel tank		120 l
DEF tank capacity		22.60 l
Noise and vibration		
Noise at driving position (LpA)		77 dB
Noise to environment (LWA)		104 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety / Safety cab homologation		Standard EN 15000 / ROPS - FOPS level 2 cab
Controls		JSM

MT 1135 ST5 - Dimensional drawing

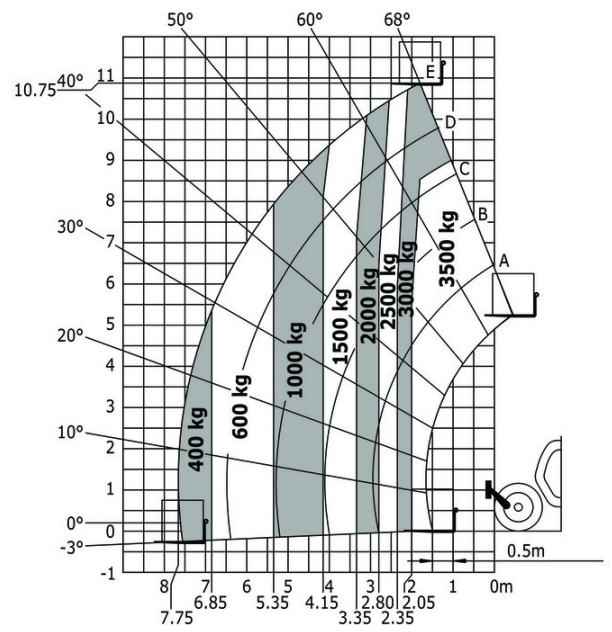


MT 1135 ST5 - Load chart

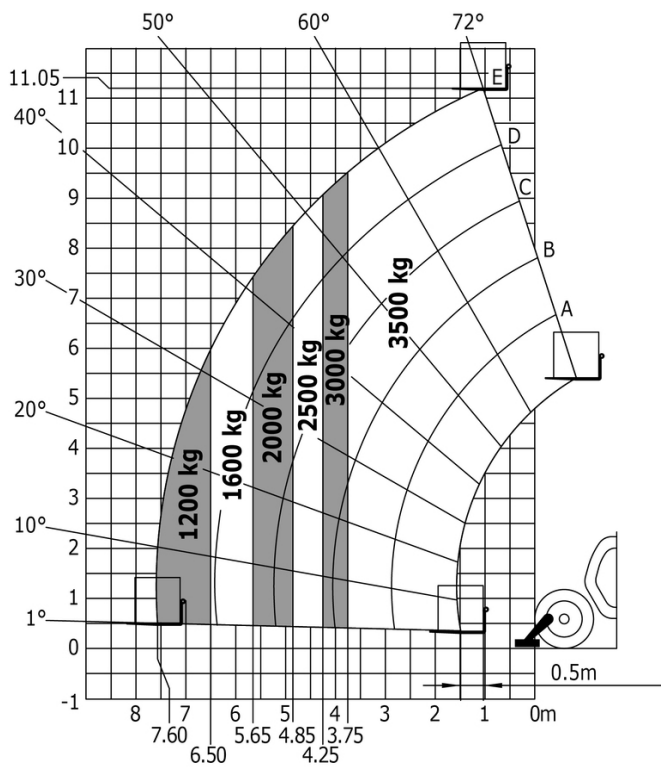
Machine on tyres with forks Metric



Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric





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