

Technical sheet :

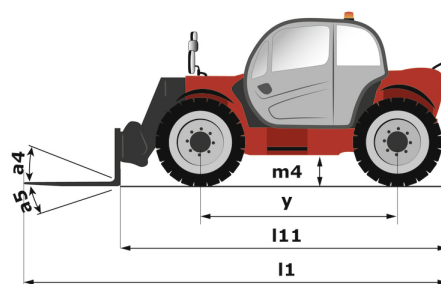
MT 1135 ST5



 **MANITOU**
HANDLING YOUR WORLD

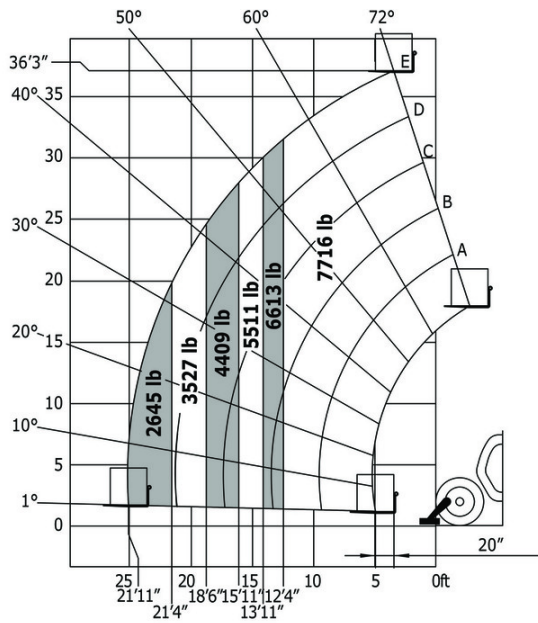
Capacities		Imperial
Max. capacity		7716 lb
Max. lifting height		36 ft 3 in
Max. outreach		25 ft 5 in
Breakout force with bucket		6070 daN
Weight and dimensions		
Overall length to carriage	l11	17 ft 7 in
Overall width	b1	7 ft 6 in
Overall height	h17	7 ft 11 in
Wheelbase	y	9 ft 5 in
Ground clearance	m4	1 ft 5 in
Overall cab width	b4	2 ft 11 in
Tilt-up angle	a4	16 °
Tilt-down angle	a5	110 °
External turning radius (over tyres)	Wa1	12 ft 7 in
Unladen weight (with forks)		18761 lb
Overall weight		18761 lb
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	47 in x 5 in / 2 in
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 - 221 in ³
I.C. Engine power rating - Power		100 Hp / 75 kW
Max. torque / Engine rotation		302 ft/lbs @ 1600 rpm
Drawbar pull (Laden)		8450 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		15 mph
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		33 US gpm-3916 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		37 US gal
Fuel tank		32 US gal
DEF tank capacity		6 US gal
Noise and vibration		
Noise at driving position (LpA)		77 dB
Noise to environment (LWA)		104 dB
Vibration on hands/arms		< 2.50 m/s ²
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 lowered stabilisers with forks Imperial





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