

Technical sheet :

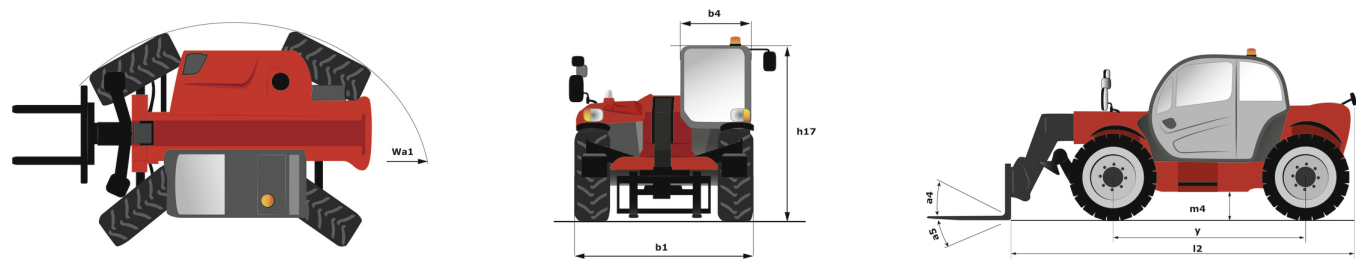
MT 1135 EASY ST5



 **MANITOU**
HANDLING YOUR WORLD

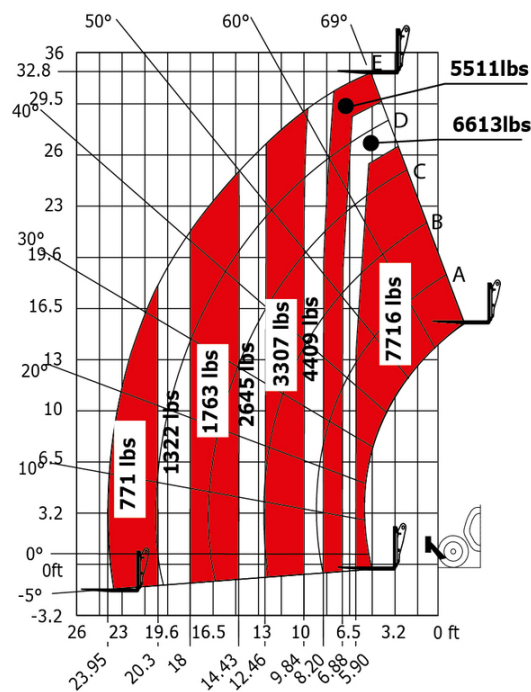
Capacities		Imperial
Max. capacity		7716 lb
Max. lifting height		36 ft 3 in
Maximum outreach		25 ft 5 in
Breakout force with bucket		6400 daN
Weight and dimensions		
Overall length to carriage	l11	17 ft 7 in
Length to face of forks	l2	17 ft 7 in
Overall width	b1	7 ft 6 in
Overall height	h17	7 ft 11 in
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	12 °
Tilt-down angle	a5	110 °
External turning radius (over tyres)	Wa1	12 ft
Unladen weight (with forks)		19555 lb
Overall weight		19555 lb
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	47 in x 5 in x 2 in
Performances		
Lifting		8.50 s
Lowering		7 s
Extension		13 s
Retraction		9 s
Crowd		5 s
Dump		3.80 s
Engine		
Engine brand		Deutz
Engine norm		Stage V, Tier 4 final
Engine model		TD 3.6 L
Number of cylinders / Capacity of cylinders		4 - 221 in³
I.C. Engine power rating - Power		75 Hp / 55.40 kW
Max. torque / Engine rotation		243 ft/lbs @ 1600 rpm
Drawbar pull (Laden)		8000 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		15 mph
Max. travel speed (may vary according to applicable regulations)		16 mph
Parking brake		Automatic negative parking brake
Service brake		Oil-Immersed multi-discs braking on front 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
Hydraulic tank capacity		3 US gal
Fuel tank		32 US gal
Noise and vibration		
Noise at driving position (LpA)		78 dB
Noise to environment (LwA)		103 dB
Vibration on hands/arms		< 8 ft/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls		JSM

MT 1135 easy ST5 - Dimensional drawing

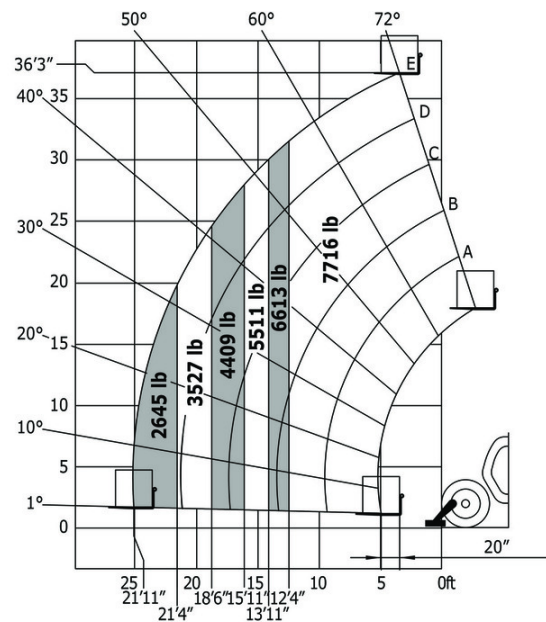


MT 1135 easy ST5 - Load chart

Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Imperial





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