

Technical sheet :

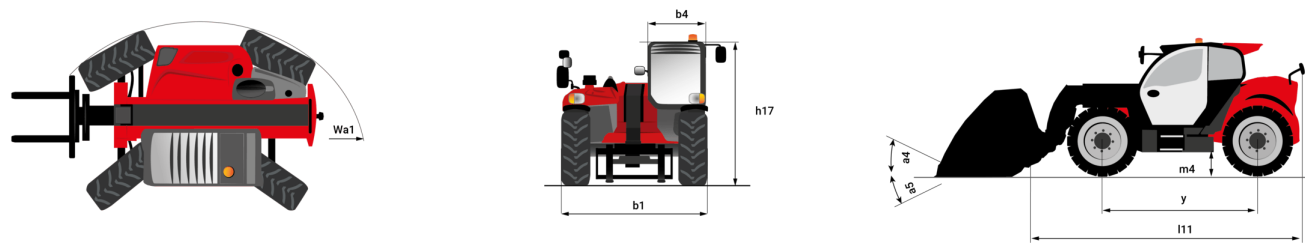
MT 1135 H 100D



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	7716 lb
Max. lifting height		35 ft 9 in
Max. outreach		23 ft 7 in
Breakout force with bucket		6850 daN
Weight and dimensions		
Overall length to carriage	l11	17 ft 4 in
Length to face of forks	l2	16 ft 10 in
Overall length (with forks)	l1	20 ft 10 in
Overall width	b1	7 ft 5 in
Overall height	h17	8 ft 2 in
Wheelbase	y	110 in
Ground clearance	m4	1 ft 5 in
Overall cab width	b4	3 ft 1 in
Tilt-up angle	a4	13 °
Tilt-down angle	a5	114 °
External turning radius	Wa3	12 ft 4 in
External turning radius (over tyres)	Wa1	12 ft 4 in
Unladen weight (with forks)		19092 lb
Overall weight		19092 lb
Tires type		Inflatable
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	47 in x 4 in x 2 in
Performances		
Lifting		7.60 s
Lowering		5.40 s
Extension		12.30 s
Retraction		8.20 s
Crowd		3.10 s
Dump		3.60 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6
Number of cylinders / Capacity of cylinders		4 - 221 in³
Engine power (Hp/kW)		100 Hp / 74.40 kW
Max. torque / Engine rotation		302 ft/lbs @ 1600 rpm
Drawbar pull (Laden)		6900 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		15 mph
Parking brake		Automatic parking brake
Service brake		Hydraulic servo brake
Hydraulics		
Hydraulic pump type		Axial piston
Hydraulic Pressure		3916 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		39 US gal
Diesel Exhaust fluid (AdBlue® type) tank capacity		3 US gal
Fuel tank capacity		36 US gal
Noise and vibration		
Noise at driving position (LpA)		77 dB
Noise to environment (LwA)		104 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 H 100D - Dimensional drawing



MT 1135 H 100D - Load chart

Machine on tires with forks Imperial

