

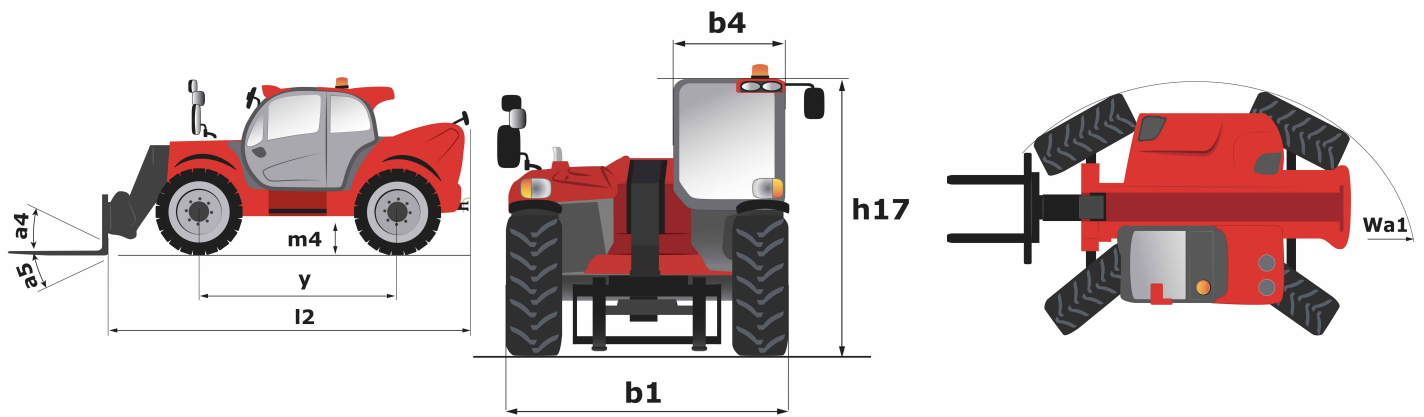
Technical sheet :

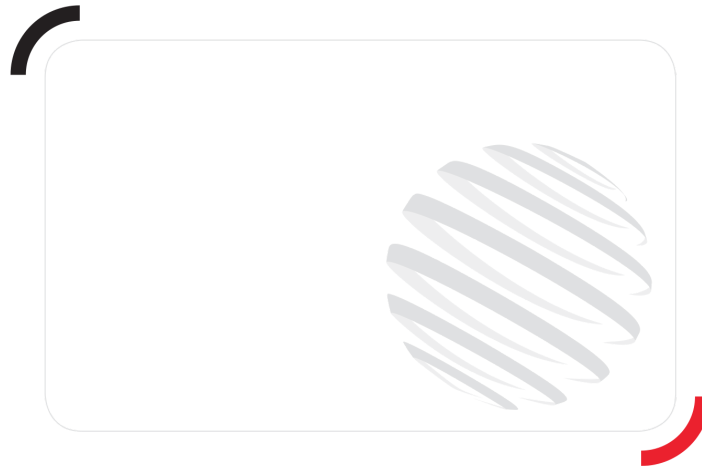
MHT 10180



Capacities		Metric
Max. capacity	Q	18000 kg
Load centre of gravity	c	600 mm
Max. lifting height	h3	9.63 m
Max. Reach	l4	5.56 m
Weight and dimensions		
Unladen weight (with forks)		24000 kg
Ground clearance	m4	0.44 m
Wheelbase	y	3.75 mm
Length to face of forks	l2	6.65 m
Overall width	b1	2.52 m
Overall height	h17	3 m
Overall cab width	b4	0.93 m
Tilt-down angle	a5	105 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	5.5 m
Outer turning radius (with forks)	b15	6.15 m
Forks length / width / section	l / e / s	1200 mm x 200 mm / 80 mm
Frame levelling corrector	a9	10 °
tires		
Standard tyres		Aeolus - 16.00 R25 AIN 46
Number of rear wheels		2
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Engine		
Engine brand		Mercedes
Engine norm		Stage IV / Tier 4 Final
Engine model		OM 934 LA. E4-3
Number of cylinders / Capacity of cylinders		4 - 5100 cm³
I.C. Engine power rating / Power (kW)		176 Hp / 129 kW
Max. torque / Engine rotation		750 Nm/m@1600 rpm
Engine cooling system		Water
Number of batteries		2
Battery / Batteries capacity		12 V / 120 Ah
Drawbar pull (Laden)		15970 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		25 km/h
Parking brake		Automatic Negative Hand-brake
Service brake		Hydraulic
Gradeability - laden		37 %
Hydraulics		
Hydraulic pump type		Variable pump
Hydraulic flow - Pressure		205 l/min - 350 Bar
Tank capacities		
Engine oil		21 l
Hydraulic oil		290 l
Fuel tank		315 l
Diesel Exhaust fluid (AdBlue® type)		63 l
Noise and vibration		
Noise at driving position (LpA)		80 dB(A)
Noise to environment (LwA)		107 dB(A)
Vibration on hands/arms		< 2.5 m/s
Miscellaneous		
Safety cab homologation		ROPS - FOPS cab (level 2)
Controls		JSM

Dimensional drawing





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