

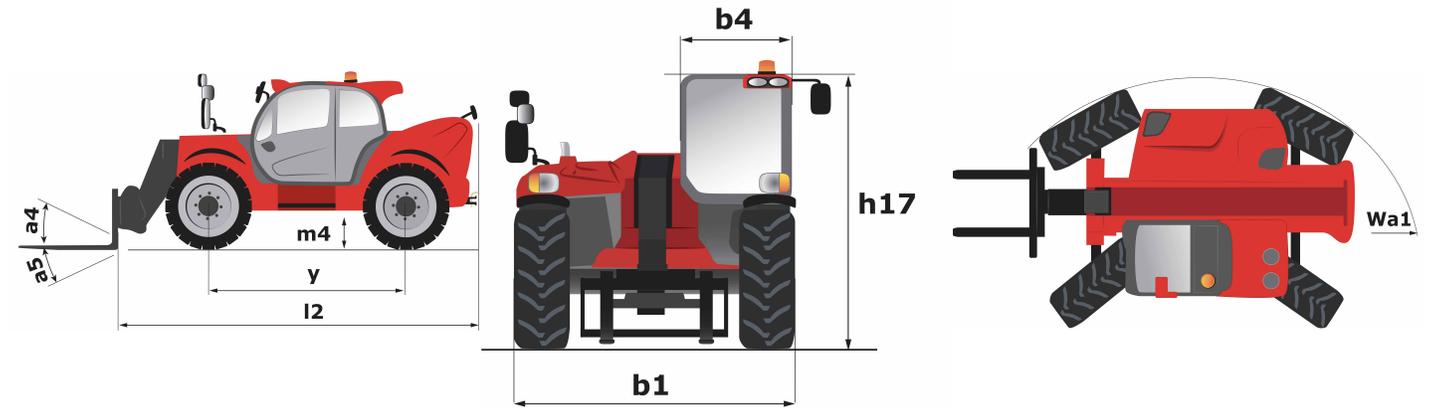
Technical sheet :

MHT 790



Capacities		Metric	Imperial
Max. capacity	Q	9000 kg	19842 lbs
Load centre of gravity	c	600 mm	23.622 in
Max. lifting height	h3	6.84 m	22 ft 5 in
Max. Reach	l4	3.72 m	12 ft 2 in
Weight and dimensions			
Unladen weight (with forks)		13160 kg	29013 lbs
Ground clearance	m4	0.4 m	1 ft 4 in
Wheelbase	y	2.87 m	9 ft 5 in
Length to face of forks	l2	5.27 m	17 ft 3 in
Overall width	b1	2.47 m	8 ft 1 in
Overall height	h17	2.47 m	8 ft 1 in
Overall cab width	b4	0.93 m	3 ft 1 in
Tilt-down angle	a5	125 °	125 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	4.88 m	16 ft
Outer turning radius (with forks)	b15	5.59 m	18 ft 4 in
Forks length / width / section	l / e / s	1200 mm x 200 mm x 60 mm	47.244 in x 7.874 in x 2.362 in
tires			
Standard tyres		Aeolus - TLAG P23 - 445/65 R22,5	Aeolus - TLAG P23 - 445/65 R22,5
Number of front wheels / rear wheels		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
Engine			
Engine brand		John Deere	John Deere
Engine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model		4045PWL	4045PWL
Number of cylinders / Capacity of cylinders		4 - 4500 cm ³	4 - 274.61 in ³
I.C. Engine power rating / Power (kW)		141 Hp / 104 kW	141 Hp / 104 kW
Max. torque / Engine rotation		534 Nm/m@1500 tr/min	534 Nm/m@1500 tr/min
Engine cooling system		Water	Water
Battery / Batteries capacity		12 V / 180 Ah	12 V / 180 Ah
Drawbar pull (Laden)		10905 daN	10905 daN
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		30 km/h	18.6 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Oil bath	Oil bath
Gradeability - laden		48 %	48 %
Hydraulics			
Hydraulic pump type		Load sensing pump	Load sensing pump
Hydraulic flow - Pressure		180 l/min - 270 Bar	180 l/min - 19 PSI
Tank capacities			
Engine oil		13 l	2.86 gal
Hydraulic oil		148 l	32.56 gal
Fuel tank		147 l	32.34 gal
Diesel Exhaust fluid (AdBlue® type)		12 l	2.64 gal
Noise and vibration			
Noise at driving position (LpA)		79.7 dB(A)	79.7 dB(A)
Noise to environment (LwA)		103 dB(A)	103 dB(A)
Vibration on hands/arms		< 2.5 m/s	< 8.2 ft/s
Miscellaneous			
Safety cab homologation		Cab ROPS - FOPS Level 2	Cab ROPS - FOPS Level 2
Controls		JSM	JSM

Dimensional drawing





Siège Social

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