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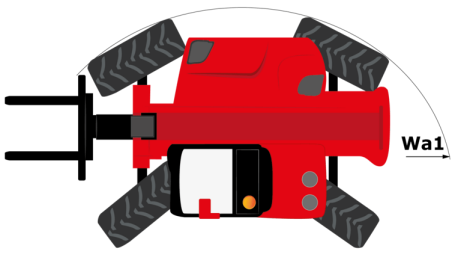
MHT-X 860 S2

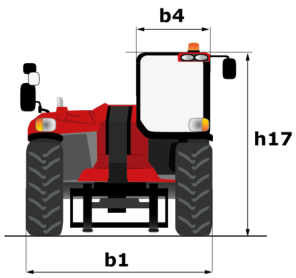


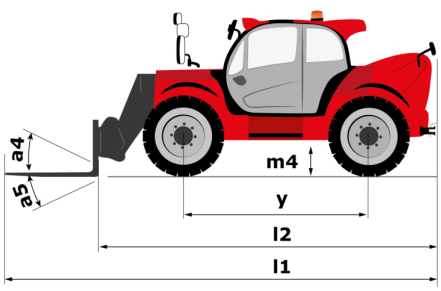
MANITOU
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Max. capacity		6000 kg	13228 lb
Load center of gravity	c	600 mm	24 in
Max. lifting height		8.10 m	26 ft 7 in
Max. outreach		4.80 m	15 ft 9 in
Weight and dimensions			
Overall length	l1	5.36 m	17 ft 7 in
Unladen weight (with forks)		11600 kg	25574 lb
Ground clearance	m4	0.41 m	1 ft 4 in
Wheelbase	y	2.73 m	8 ft 11 in
Length to face of forks	l2	5.36 m	17 ft 7 in
Overall width	b1	2.40 m	7 ft 10 in
Overall height	h17	2.46 m	8 ft 1 in
Overall cab width	b4	0.86 m	2 ft 10 in
Tilt-down angle	a5	123 °	123 °
Tilt-up angle	a4	11 °	11 °
External turning radius (over tyres)	Wa1	5.20 m	17 ft 1 in
Outer turning radius (with forks)	b15	3.78 m	12 ft 5 in
Forks length / width / section	l / e / s	1200 mm x 200 mm / 60 mm	47 in x 8 in / 2 in
Frame leveling corrector	a9	8 °	8 °
Wheels			
Standard tires		Michelin - XF 1E TL - 18 R22.5	Michelin - XF 1E TL - 18 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		Perkins	Perkins
Engine norm		Stage IIIA	Stage IIIA
Engine model		1104D 44 T	1104D 44 T
Number of cylinders / Capacity of cylinders		4 - 4400 cm³	4 - 269 in³
I.C. Engine power rating / Power		101 Hp / 74.50 kW	101 Hp / 74.50 kW
Max. torque / Engine rotation		556 Nm@1400 rpm	410 ft/lbs@1400 rpm
Engine cooling system		Water	Water
Battery voltage		12 V	12 V
Drawbar pull		10130 daN	10130 daN
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed		31 km/h	19 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Hydraulic	Hydraulic
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		140 l/min - 275 bar	37 US gpm - 3989 PSI
Tank capacities			
Engine oil		7 l	2 US gal
Hydraulic oil		140 l	37 US gal
Fuel tank		120 l	32 US gal
Noise and vibration			
Noise at driving position (LpA)		80.80 dB	80.80 dB
Noise to environment (LwA)		105 dB	105 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Safety / Safety cab homologation		Standard EN 15000 - ROPS - FOPS level 2 cab	Standard EN 15000 - ROPS - FOPS level 2 cab
Controls		JSM	JSM
Attachment recognition system (E-Reco)		Standard	Standard

MHT-X 860 S2 - Dimensional drawing







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