

Technical sheet :

MHT 790



Capacities		Metric
Max. capacity		9000 kg
Load centre of gravity	c	600 mm
Max. lifting height		6.84 m
Max. outreach		3.72 m
Weight and dimensions		
Overall length	l1	5.27 m
Unladen weight (with forks)		13160 kg
Ground clearance	m4	0.40 m
Wheelbase	y	2.87 m
Length to face of forks	l2	5.27 m
Overall width	b1	2.47 m
Overall height	h17	2.47 m
Overall cab width	b4	0.93 m
Tilt-down angle	a5	125 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	4.88 m
Outer turning radius (with forks)	b15	5.59 m
Forks length / width / section	l / e / s	1200 mm x 200 mm / 60 mm
Wheels		
Standard tyres		Aeolus - TLAG P23 - 445/65 R22,5
Number of front wheels / rear wheels		2 / 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		John Deere
Engine norm		Stage IV / Tier 4 Final
Engine model		4045PWL
Number of cylinders / Capacity of cylinders		4 - 4500 cm ³
I.C. Engine power rating / Power (kW)		141 Hp / 104 kW
Max. torque / Engine rotation		534 Nm@1500 rpm
Engine cooling system		Water
Battery / Batteries capacity		12 V / 180 Ah
Drawbar pull (Laden)		10905 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		30 km/h
Parking brake		Automatic negative brake
Service brake		Oil bath
Gradeability (laden)		48 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		180 l/min - 270 bar
Tank capacities		
Engine oil		13 l
Hydraulic oil		148 l
Fuel tank		147 l
Diesel Exhaust fluid (AdBlue® type)		12 l
Noise and vibration		
Noise at driving position (LpA)		79.70 dB
Noise to environment (LwA)		103 dB
Vibration on hands/arms		< 2.50 m/s ²
Miscellaneous		
Safety cab homologation		Cabin ROPS - FOPS Level 2
Controls		JSM



Siège Social
430 rue de l'Aubinière - 44150 Ancenis Cedex - France
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com



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