Technical sheet :

## **MHT 790 ST5**





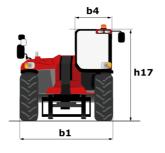
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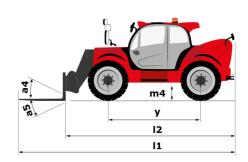
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Capacities		Metric
Max. capacity		9000 kg
Load center of gravity	С	600 mm
Max. lifting height		6.80 m
Maximum outreach		3.70 m
Weight and dimensions		
Overall length	1	6.41 m
Unladen weight (with forks)		13420 kg
Ground clearance	m4	0.44 m
Wheelbase	у	2.87 m
ength to face of forks	12	5.21 m
Dverall width	b1	2.47 m
Overall height	h17	2.54 m
Overall cab width	b4	0.93 m
Tilt-up angle	a4	15 °
Filt-down angle	a5	109 °
External turning radius (over tyres)	Wa1	4.72 m
Forks length / width / section	l/e/s	1200 mm x 200 mm x 60 mm
Wheels		
Standard tires		445/65 R22,5
Number of front wheels / rear wheels		2 / 2
Drive wheels (front / rear)		2/2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Engine		
Engine brand		Yanmar
Engine norm		Stage V, Tier 4
Engine model		4TN107FHT-5SMUF
Number of cylinders / Capacity of cylinders		4 - 4567 cm <sup>3</sup>
		143 Hp / 105 kW
.C. Engine power rating / Power		
Max. torque / Engine rotation		602 Nm@1500 rpm Water cooled
Engine cooling system		10050 daN
Drawbar pull		10050 dain
Transmission		Undreatatio
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2 25 km/h
Max. travel speed		35 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Gradeability (laden / unladen)		48.10 % / 37.40 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		185 I/min - 270 bar
Tank capacities		
Engine oil		13
Fuel tank		165
Diesel Exhaust fluid (AdBlue® type)		201
Noise and vibration		
Voise to environment (LwA)		107 dB
/ibration on hands/arms		< 2.50 m/s <sup>2</sup>
Noise at driving position (LpA) tested following NF EN 12053 norm		< 2.50 m/s² 75 dB
Voise at driving position (LPA) tested following NF EN 12053 horm		/ 5 UD
Cab certification		Cabin ROPS - FOPS level 2
Controls		Odbill RUPS - FUPS level Z

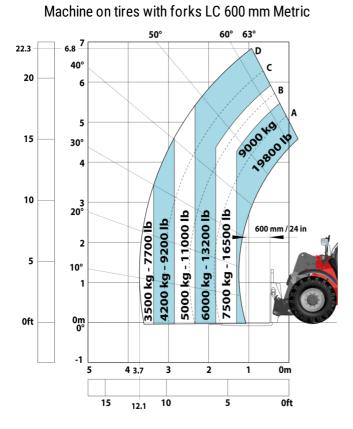
## MHT 790 ST5 - Dimensional drawing



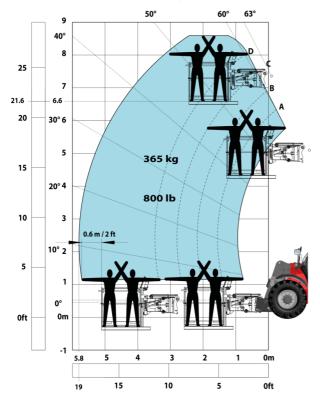




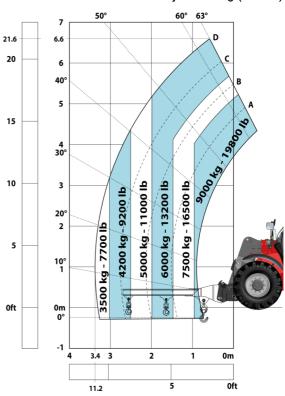
## MHT 790 ST5 - Load chart



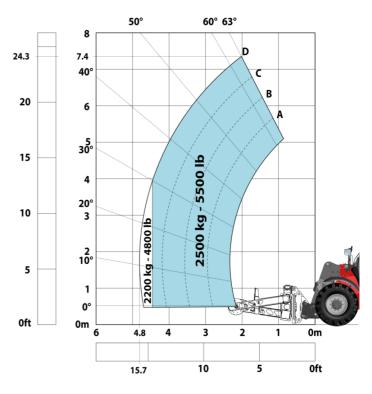
Machine on tires with platform Metric



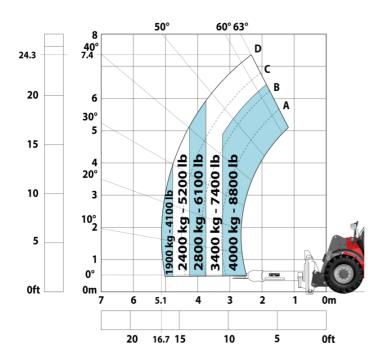
Machine on tires with 3-hook jib 9000 kg (Metric)



Machine on tires with tire handler TH 49 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)





Head Office B.P. 249 - 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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