Technical sheet:

MHT 790 ST5

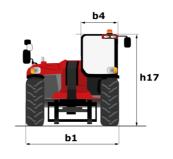


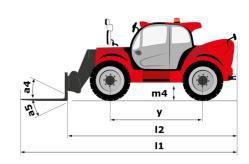


	MHT 790 ST5 Crea	
Capacities		Metric
Max. capacity		9000 kg
Load center of gravity	С	600 mm
Max. lifting height		6.80 m
Maximum outreach		3.70 m
Weight and dimensions		
Overall length	I1	6.41 m
Unladen weight (with forks)		13420 kg
Ground clearance	m4	0.44 m
Wheelbase	у	2.87 m
ength to face of forks	12	5.21 m
Overall width	b1	2.47 m
Overall height	h17	2.54 m
Overall cab width	b4	0.93 m
Filt-up angle	a4	15 °
Filt-down angle	a5	109 °
External turning radius (over tyres)	Wa1	4.72 m
Forks length / width / section	1/e/s	1200 mm x 200 mm x 60 mm
Wheels	1/e/s	1200 Hilli X 200 Hilli X 00 Hilli
		44E/6E D22 E
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 cm³
.C. Engine power rating / Power		143 Hp / 105 kW
Max. torque / Engine rotation		602 Nm@1500 rpm
Engine cooling system		Water cooled
Drawbar pull		10050 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2/2
Max. travel speed		35 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & real axles
Gradeability (laden / unladen)		48.10 % / 37.40 %
Hydraulies		Variable displacement numb
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		185 l/min - 270 bar
Tank capacities		10.1
Engine oil		13
Fuel tank		165
Diesel Exhaust fluid (AdBlue® type)		20 I
Noise and vibration		407.17
Noise to environment (LwA)		107 dB
Vibration on hands/arms		< 2.50 m/s²
Noise at driving position (LpA) tested following NF EN 12053 norm		75 dB
Miscellaneous Cab certification		Cabin ROPS - FOPS level 2

MHT 790 ST5 - Dimensional drawing

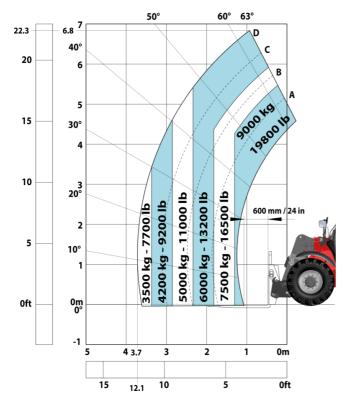




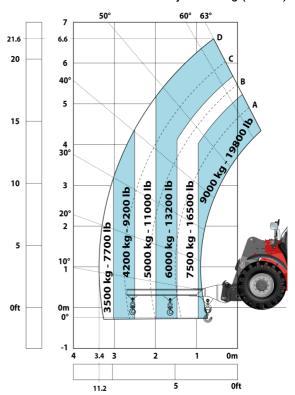


MHT 790 ST5 - Load chart

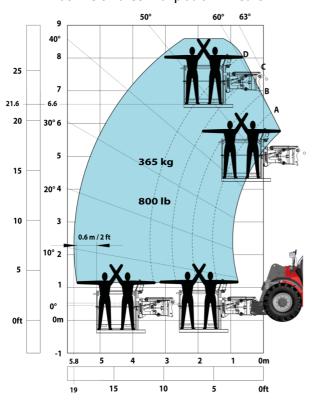
Machine on tires with forks LC 600 mm Metric



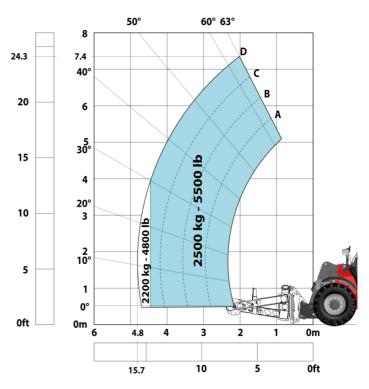
Machine on tires with 3-hook jib 9000 kg (Metric)



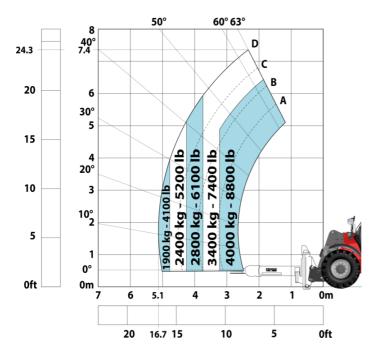
Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)







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