Technical sheet:

# **MHT 790 ST5**

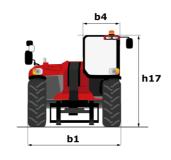


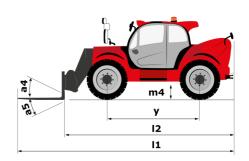


	мнт 790 sтs Created on July 27, 2025 at 7:24 F
Capacities	Metric
Max. capacity	9000 kg
Load center of gravity	c 600 mm
Max. lifting height	6.80 m
Maximum outreach	3.70 m
Weight and dimensions	
Overall length	l1 6.41 m
Unladen weight (with forks)	13420 kg
Ground clearance	m4 0.44 m
Wheelbase	y 2.87 m
Length 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
Tilt-up angle	a4 15°
Tilt-down angle	a5 109 °
	Wa1 4.72 m
External turning radius (over tyres)	
Forks length / width / section	I / e / s 1200 mm x 200 mm x 60 mm
Wheels	ME/CE DOO 5
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 mod
Engine Company of the	
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>
I.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 axles
Gradeability (laden / unladen)	48.10 % / 37.40 %
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 270 bar
Tank capacities	
Engine oil	131
Fuel tank	1651
Diesel Exhaust fluid (AdBlue® type) Noise and vibration	201
Noise to environment (LwA)	107 dB
Vibration on hands/arms	< 2.50 m/s²
	< 2.50 m/s² 75 dB
Noise at driving position (LpA) tested following NF EN 12053 norm  Miscellaneous	75 UB
	O.Li. DODO FORGI. LO
Cab certification	Cabin ROPS - FOPS level 2

## MHT 790 ST5 - Dimensional drawing

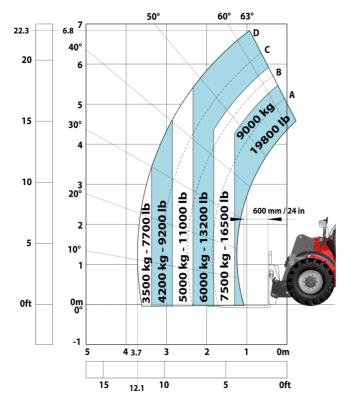




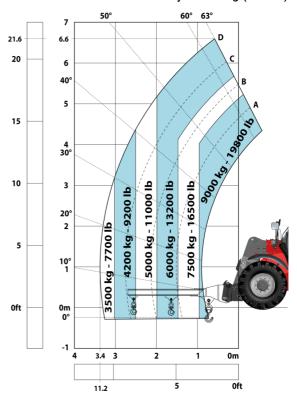


#### MHT 790 ST5 - Load chart

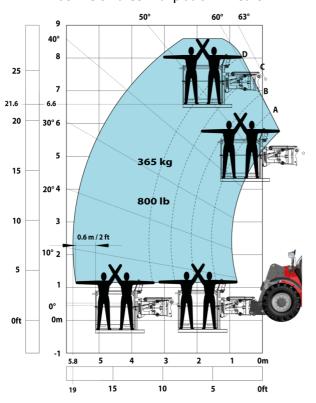
#### Machine on tires with forks LC 600 mm Metric



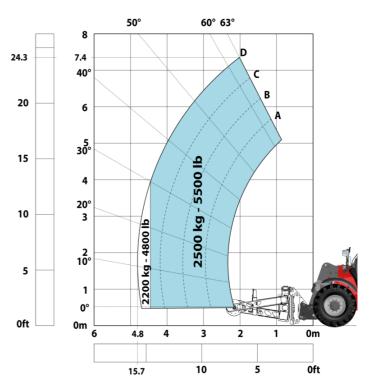
### Machine on tires with 3-hook jib 9000 kg (Metric)



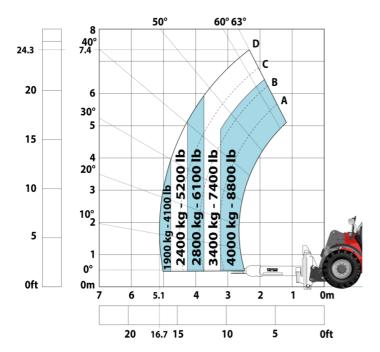
Machine on tires with platform Metric



#### Machine on tires with tire handler TH 49 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)







#### **Head Office**

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