Technical sheet :

## **MHT 790 ST5**

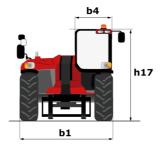


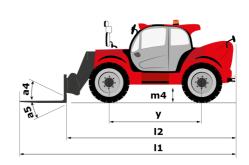


	<b>MHT 790 ST5</b> Created on August 13, 2025 at 12.20 A
Capacities	Metric
Max. capacity	9000 kg
Load center of gravity	c 600 mm
Max. lifting height	6.80 m
Maximum outreach	3.70 m
Neight and dimensions	
Dverall length	l1 6.41 m
Jnladen weight (with forks)	13420 kg
Ground clearance	m4 0.44 m
Vheelbase	y 2.87 m
ength to face of forks	l2 5.21 m
Iverall width	b1 2.47 m
Iverall height	h17 2.54 m
Iverall cab width	b4 0.93 m
ilt-up angle	a4 15 °
ilt-down angle	a <sup>4</sup> 13 a5 109 °
xternal turning radius (over tyres)	Wa1 4.72 m
	I / e / s 1200 mm x 60 mm
orks length / width / section /heels	
	445/65 R22,5
tandard tires	
umber of front wheels / rear wheels	2/2
rive wheels (front / rear)	
teering mode	2 wheel steer, 4 wheel steer, Crab mod
ngine	
ngine brand	Yanmar
ngine norm	Stage V, Tier 4
ingine model	4TN107FHT-SSMUF
lumber of cylinders / Capacity of cylinders	4 - 4567 cm <sup>3</sup>
C. Engine power rating / Power	143 Hp / 105 kW
fax. torque / Engine rotation	602 Nm@1500 rpm
ingine cooling system	Water cooled
rawbar pull	10050 daN
ransmission	
ransmission type	Hydrostatic
umber of gears (forward / reverse)	2/2
lax. travel speed	35 km/h
arking brake	Automatic negative parking brake
ervice brake	Oil-immersed multi-discs braking on front axles
radeability (laden / unladen)	48.10 % / 37.40 %
lydraulics	
lydraulic pump type	Variable displacement pump
lydraulic flow - Pressure	185 I/min - 270 bar
ank capacities	
ngine oil	131
uel tank	1651
	201
iesel Exhaust fluid (AdBlue® type) loise and vibration	201
oise to environment (LwA)	107 dB
ibration on hands/arms	< 2.50 m/s <sup>2</sup>
oise at driving position (LpA) tested following NF EN 12053 norm	75 dB
liscellaneous	
Cab certification	Cabin ROPS - FOPS level 2

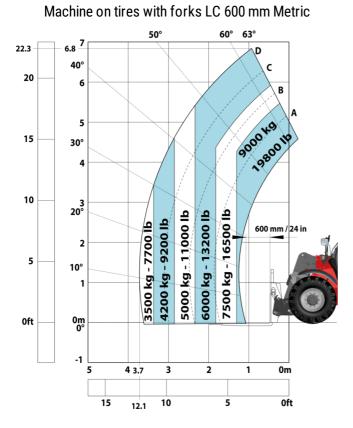
## MHT 790 ST5 - Dimensional drawing



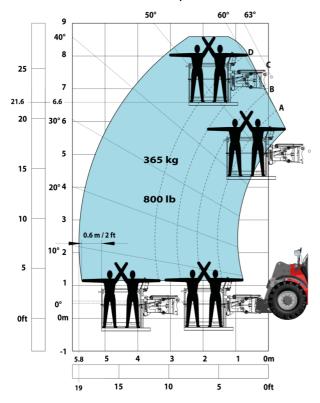




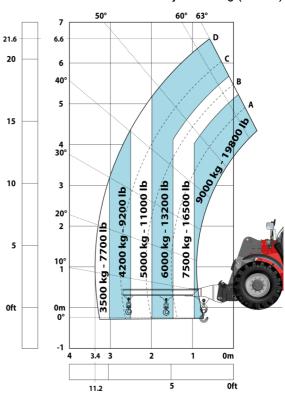
## MHT 790 ST5 - Load chart



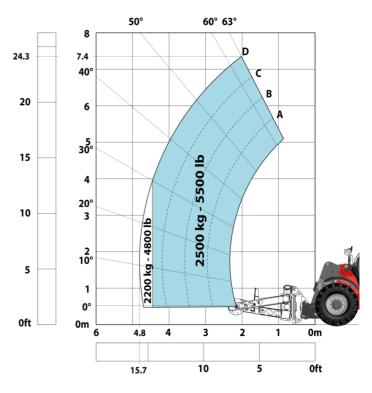
Machine on tires with platform Metric



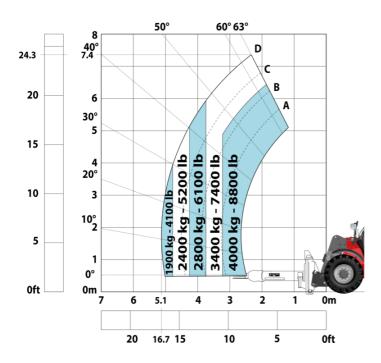
Machine on tires with 3-hook jib 9000 kg (Metric)



Machine on tires with tire handler TH 49 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)





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