Technical sheet:

MHT 790 ST5

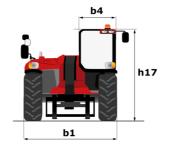


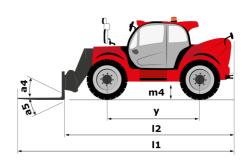


	MHT 790 ST5 Created on November 8, 2025 at 9:56 i	'IVI U
Capacities	Metric	
Max. capacity	9000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	6.80 m	
Maximum outreach	3.70 m	
Weight and dimensions		
Overall length	l1 6.41 m	
Unladen weight (with forks)	13420 kg	
Ground clearance	m4 0.44 m	
Vheelbase	y 2.87 m	
ength to face of forks	l2 5.21 m	
Overall width	b1 2.47 m	
Overall height	h17 2.54 m	
Overall cab width	b4 0.93 m	
ilt-up angle	a4 15°	
ilt-down angle	a5 109 °	
ixternal turning radius (over tyres)	Wa1 4.72 m	
orks length / width / section	I / e / s 1200 mm x 200 mm x 60 mm	
Vheels		
tandard tires	445/65 R22,5	
lumber of front wheels / rear wheels	2/2	
Drive wheels (front / rear)	2/2	
teering mode	2 wheel steer, 4 wheel steer, Crab mo	de
ngine	Z mico otech, i mico otech, otas mo	
ngine brand	Yanmar	
ngine norm	Stage V, Tier 4	
ingine model	4TN107FHT-5SMUF	
lumber of cylinders / Capacity of cylinders	4 - 4567 cm³	
ingine power (Hp / kW)	143 Hp / 105 kW	
fax. torque / Engine rotation	602 Nm@1500 rpm	
ingine cooling system	Water cooled	
Drawbar pull	10050 daN	
ransmission		
ransmission type	Hydrostatic	
lumber of gears (forward / reverse)	2/2	
Max. travel speed	35 km/h	
arking brake	Automatic negative parking brake	
ervice brake	Oil-immersed multi-discs braking on front	& rea
	axles	
Gradeability (laden / unladen)	48.10 % / 37.40 %	
lydraulics		
lydraulic pump type	Variable displacement pump	
lydraulic flow - Pressure	185 l/min - 270 bar	
ank capacities		
ingine oil	13	
lydraulic oil	151 I	
uel	165 I	
liesel Exhaust fluid (AdBlue® type)	20 1	
loise and vibration		
loise to environment (LwA)	107 dB	
libration on hands/arms	< 2.50 m/s²	
loise at driving position (LpA) tested following NF EN 12053 norm	75 dB	
Miscellaneous		
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

MHT 790 ST5 - Dimensional drawing

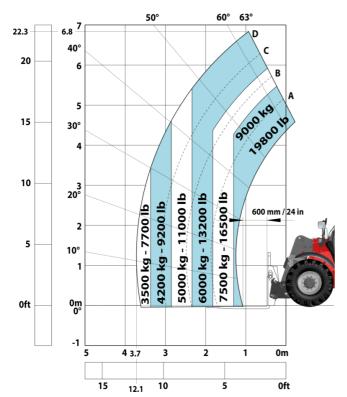




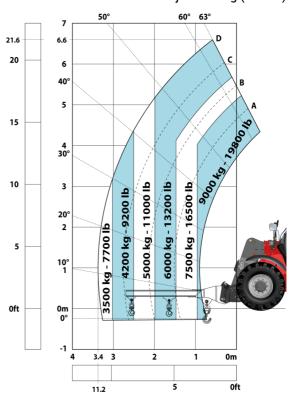


MHT 790 ST5 - Load chart

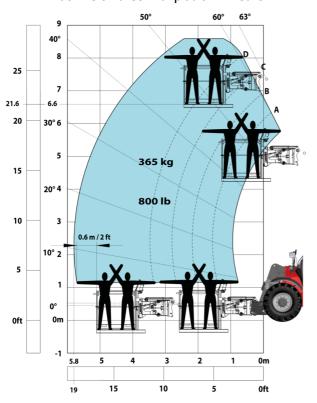
Machine on tires with forks LC 600 mm Metric



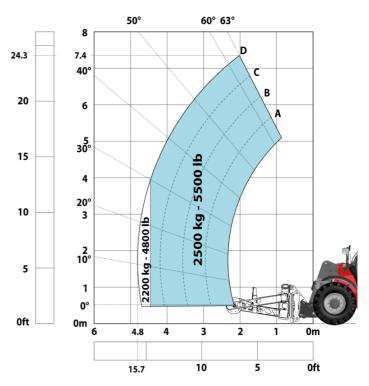
Machine on tires with 3-hook jib 9000 kg (Metric)



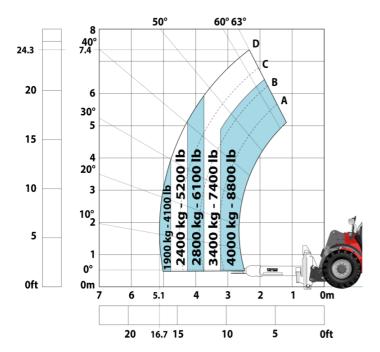
Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)







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