Technical sheet :

## **MHT 790 ST5**

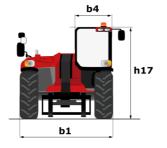


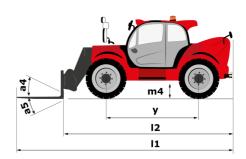


Capacities	Metric	
Max. capacity	9000 kg	
Load center of gravity	c 600 mm	
	6.80 m	
Max. lifting height Max. outreach		
	3.70 m	
Weight and dimensions		
Overall length	l1 6.41 m	
Unladen weight (with forks)	13160 kg	
Ground clearance	m4 0.44 m	
Wheelbase	y 2.87 m	
Length to face of forks	l2 5.21 m	
Overall width	b1 2.47 m	
Overall height	h17 2.54 m	
Overall cab width	b4 0.93 m	
Tilt-down angle	a5 109 °	
Tilt-up angle	a4 15 °	
External turning radius (over tyres)	Wa1 4.72 m	
Forks length / width / section	l / e / s 1200 mm x 200 mm / 60 m	nm
Wheels		
Number of front wheels / rear wheels	2/2	
Drive wheels (front / rear)	2/2	
Steering mode	2 wheel steer, 4 wheel steer, Cr	ah mode
Engine		an mode
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	
Battery voltage	12 V	
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 I	orake
Service brake	Oil-immersed multi-discs braking or axles	n front & rea
Gradeability (laden / unladen)	48.10 % / 37.40 %	
Hydraulics		
Hydraulic pump type	Variable displacement pu	mp
Hydraulic flow - Pressure	185 l/min - 270 bar	
Tank capacities		
Engine oil	13	
Hydraulic oil	151	
Fuel tank	1651	
Diesel Exhaust fluid (AdBlue® type)		
	201	
Noise and vibration		
Noise at driving position (LpA)	75 dB	
Noise to environment (LwA)	107 dB	
Vibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Safety cab homologation	ROPS - FOPS level 2 cab	

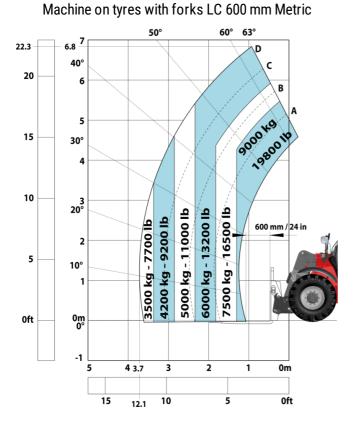
## MHT 790 ST5 - Dimensional drawing



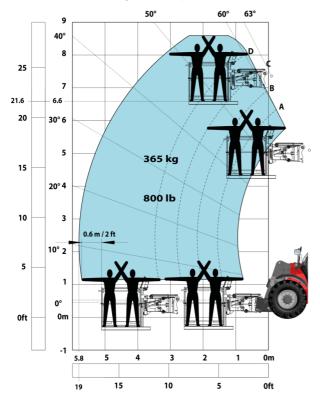




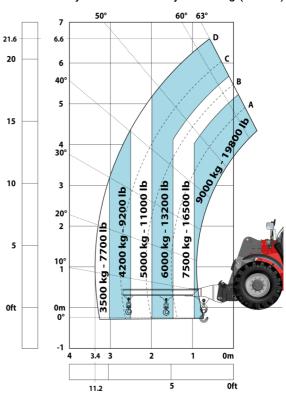
## MHT 790 ST5 - Load chart



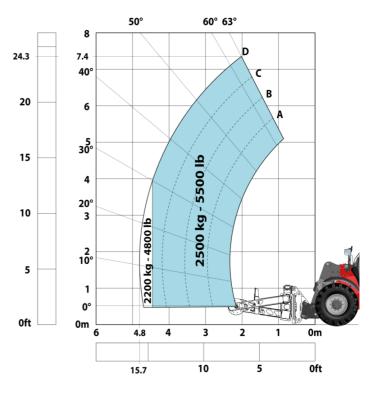
Machine on tyres with platform Metric



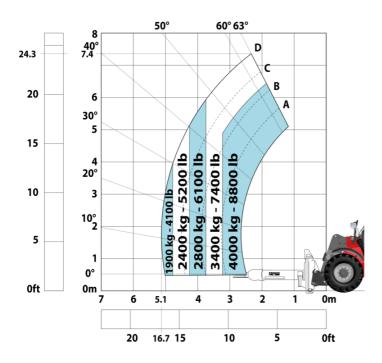
Machine on tyres with 3-hook jib 9000 kg (Metric)



Machine on tyres with tyre handler TH 49 (Metric)



Machine on tyres with cylinder handler CH 4 (Metric)





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