Technical sheet:

# **MHT 790 ST5**

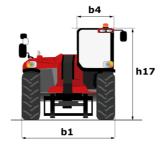


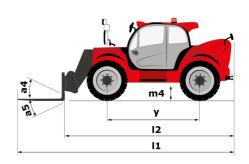


Capacities	Metric	
Max. capacity	9000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	6.80 m	
Maximum outreach	3.70 m	
Weight and dimensions		
Overall length	l1 6.41 m	
Jnladen weight (with forks)	13420 kg	
Ground clearance	m4 0.44 m	
Wheelbase	y 2.87 m	
ength to face of forks	l2 5.21 m	
Overall width	b1 2.47 m	
Overall height	h17 2.54 m	
Overall cab width	b4 0.93 m	
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 m	am.
Wheels	17 6 7 8 1200 11111 X 200 11111 X 00 11	1111
Standard tires	445/65 R22,5	
Number of front wheels / rear wheels	2 / 2	
	2/2	
Drive wheels (front / rear)	2 wheel steer, 4 wheel steer, Cra	h modo
Steering mode	Z Wileer steer, 4 wileer steer, Cra	ib mode
Engine 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>	
Engine power (Hp / kW)	143 Hp / 105 kW	
Max. torque / Engine rotation	602 Nm@1500 rpm	
Engine cooling system	Water cooled	
Drawbar pull	10050 daN	
Transmission	10000 dain	
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Max. travel speed	35 km/h	
Parking brake	Automatic negative parking b	rako
	Oil-immersed multi-discs braking on	
Service brake	axles	
Gradeability (laden / unladen)	48.10 % / 37.40 %	
Hydraulics		
Hydraulic pump type	Variable displacement pun	np
Hydraulic flow - Pressure	185 l/min - 270 bar	
Tank capacities		
Engine oil	13	
Hydraulic oil	151 l	
Fuel	165 I	
Diesel Exhaust fluid (AdBlue® type)	20	
Noise and vibration		
Noise to environment (LwA)	107 dB	
Vibration on hands/arms	2.50 m/s <sup>2</sup>	
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB	
Miscellaneous		
Cab certification	Cabin ROPS - FOPS level 2	2
Controls	JSM	

## MHT 790 ST5 - Dimensional drawing

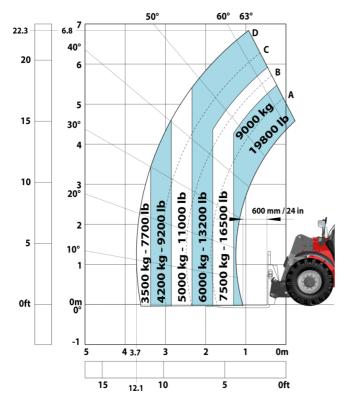




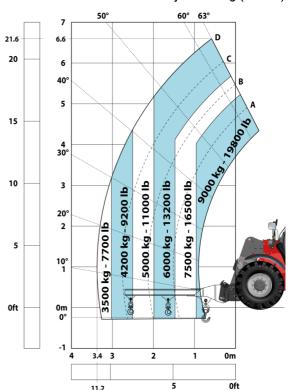


#### MHT 790 ST5 - Load chart

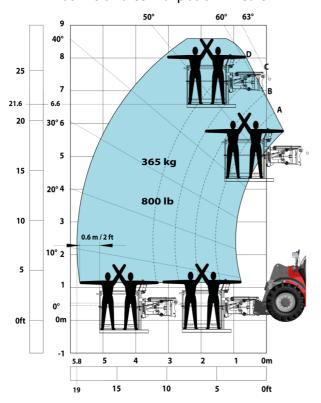
#### Machine on tires with forks LC 600 mm Metric



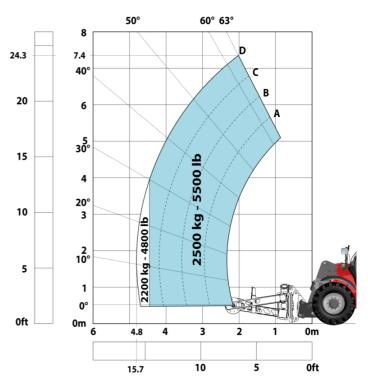
### Machine on tires with 3-hook jib 9000 kg (Metric)



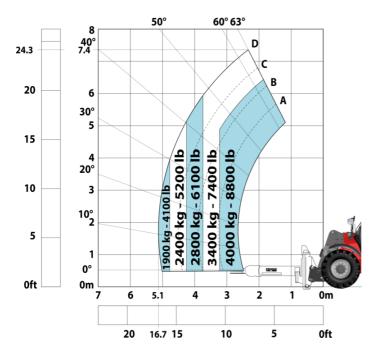
Machine on tires with platform Metric



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



Machine on tires with cylinder handler CH 4 (Metric)







#### **Head Office**

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