Technical sheet:

# **MHT 790 ST5**

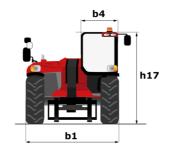


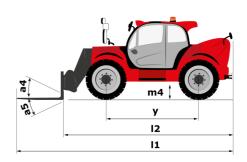


	<b>MHT 790 ST5</b> Created on 2 May 2024 at 8:42:58 PM
Capacities	Metric
Max. capacity	9000 kg
Load center of gravity	c 600 mm
Max. lifting height	6.80 m
Max. outreach	3.70 m
Weight and dimensions	
Overall length	l1 6.41 m
Jnladen weight (with forks)	13160 kg
Ground clearance	m4 0.44 m
Wheelbase	y 2.87 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-down angle	a5 109°
Tilt-up angle	a4 15°
External turning radius (over tyres)	Wa1 4.72 m
Forks length / width / section	I / e / s 1200 mm x 200 mm / 60 mm
Wheels	
Number of front wheels / rear wheels	2/2
Drive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab 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>
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 brake
Service brake	Oil-immersed multi-discs braking on front & rea axles
Gradeability (laden / unladen)	48.10 % / 37.40 %
Hydraulics	40.10 %) 37.40 %
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 270 bar
Fank capacities	103 I/IIIII 270 bai
Engine oil	13
	151 I
lydraulic oil Fuel tank	1651
-uer tarik Diesel Exhaust fluid (AdBlue® type)	201
Noise and vibration	20 I
Noise and Vibration Noise at driving position (LpA)	75.40
2, , , , ,	75 dB
Noise to environment (LwA)	107 dB
Vibration on hands/arms Miscellaneous	< 2.50 m/s <sup>2</sup>
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	JSM

## MHT 790 ST5 - Dimensional drawing

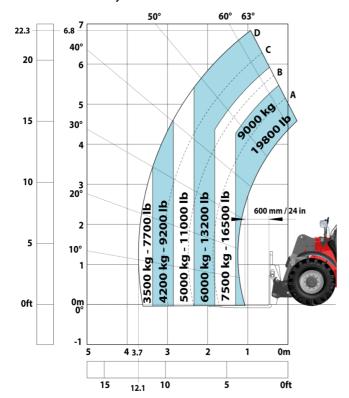




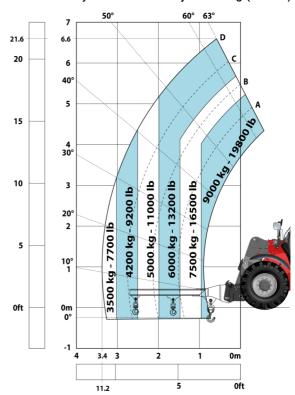


#### MHT 790 ST5 - Load chart

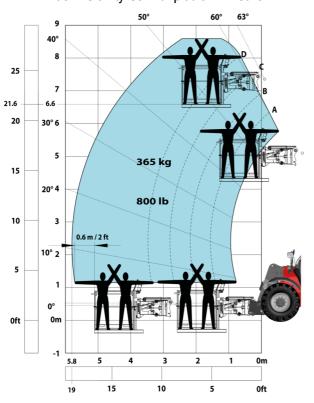
#### Machine on tyres with forks LC 600 mm Metric



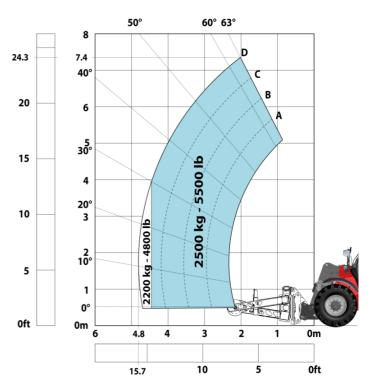
### Machine on tyres with 3-hook jib 9000 kg (Metric)



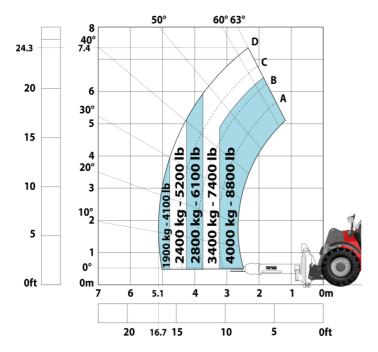
#### Machine on tyres with platform Metric



#### Machine on tyres with tyre handler TH 49 (Metric)



Machine on tyres with cylinder handler CH 4 (Metric)







#### **Head Office**

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