Technical sheet:

MHT 790 ST5

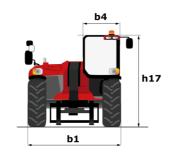


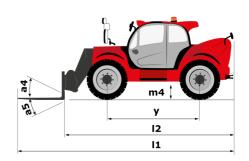


	MHT 790 ST5 Created on July 31, 2025 at 4:04	PIVI U
Capacities	Metric	
Max. capacity	9000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	6.80 m	
Maximum outreach	3.70 m	
Weight and dimensions		
Overall length	l1 6.41 m	
Unladen weight (with forks)	13420 kg	
Ground clearance	m4 0.44 m	
Wheelbase	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	
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 mm	
Wheels	17 C 7 S 1250 Hill X 250 Hill X 00 Hill	
Standard tires	445/65 R22,5	
Number of front wheels / rear wheels	2/2	
Drive wheels (front / rear)	2/2	
Steering mode	2 wheel steer, 4 wheel steer, Crab mo	do
Engine	Z Wileel Steel, 4 Wileel Steel, Clab IIIO	ue
	Yanmar	
Engine brand		
Engine norm	Stage V, Tier 4	
Engine model	4TN107FHT-5SMUF	
Number of cylinders / Capacity of cylinders	4 - 4567 cm ³	
.C. Engine power rating / Power	143 Hp / 105 kW	
Max. torque / Engine rotation	602 Nm@1500 rpm	
Engine cooling system	Water cooled	
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 from axles	t & rear
Gradeability (laden / unladen)	48.10 % / 37.40 %	
Hydraulics		
Hydraulic pump type	Variable displacement pump	
Hydraulic flow - Pressure	185 l/min - 270 bar	
Tank capacities		
Engine oil	13	
Fuel tank	1651	
Diesel Exhaust fluid (AdBlue® type)	20	
Noise and vibration	201	
Noise to environment (LwA)	107 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB	
Miscellaneous	7.5 db	
Cab certification	Cabin ROPS - FOPS level 2	
Cab octunication	JSM	

MHT 790 ST5 - Dimensional drawing

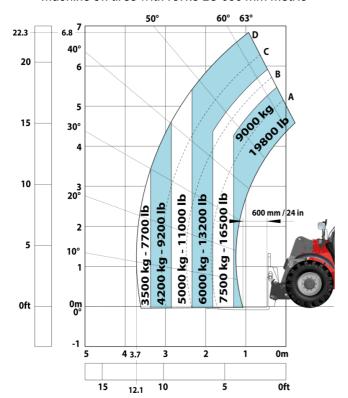




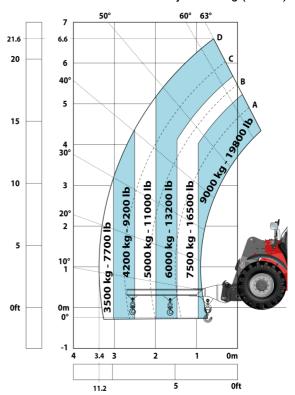


MHT 790 ST5 - Load chart

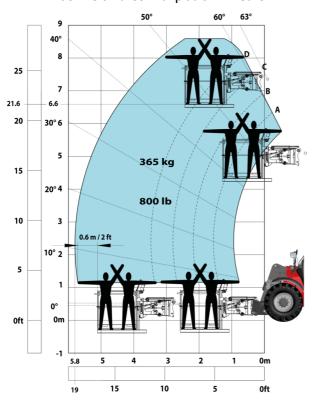
Machine on tires with forks LC 600 mm Metric



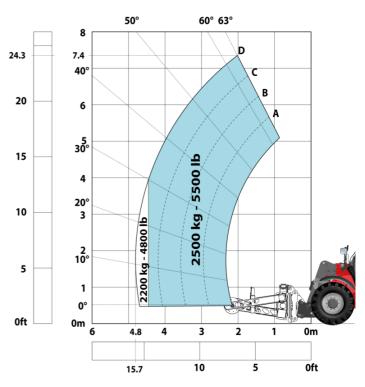
Machine on tires with 3-hook jib 9000 kg (Metric)



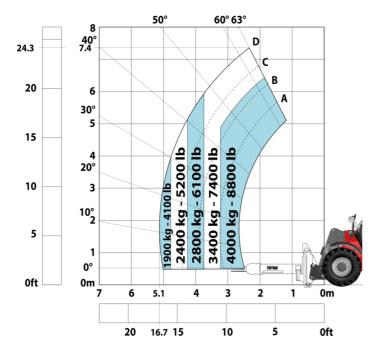
Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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