Technical sheet:

MHT-X 790 ST3A

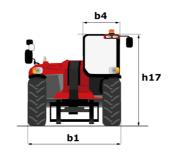


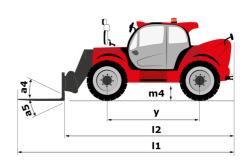


Capacities		Metric	
Max. capacity		000 kg	
Load center of gravity		00 mm	
Max. lifting height		5.80 m	
Maximum outreach		3.70 m	
Weight and dimensions			
Overall length	I1 8	5.41 m	
Unladen weight (with forks)		3160 kg	
Ground clearance		0.44 m	
Wheelbase		2.87 m	
Length to face of forks	·	5.21 m	
Overall width		2.47 m	
Overall height		2.54 m	
Overall cab width		0.93 m	
	a4	15 °	
Tilt-up angle			
Tilt-down angle		109 °	
External turning radius (over tyres)		4.72 m	
Forks length / width / section	I / e / s 1200 mm x	200 mm x 60 mm	
Wheels			
Standard tires		/65 R22,5	
Number of front wheels / rear wheels		2/2	
Drive wheels (front / rear)		2/2	
Steering mode	2 wheel steer, 4 v	2 wheel steer, 4 wheel steer, Crab mode	
Engine			
Engine brand		/anmar	
Engine norm		Stage IIIA	
Engine model	4TN107HT-5SMUF		
Number of cylinders / Capacity of cylinders	4 - 4567 cm ³		
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	10	10050 daN	
Transmission			
Transmission type	Hydrostatic		
Number of gears (forward / reverse)	2/2		
Max. travel speed	35 km/h		
Parking brake	Automatic neg	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs braking on front & rear axles		
Gradeability (laden / unladen)	48.10	% / 37.40 %	
Hydraulics			
Hydraulic pump type	Variable dis	placement pump	
Hydraulic flow - Pressure		nin - 270 bar	
Tank capacities	100 1/1		
Engine oil		13	
Fuel tank		165	
Noise and vibration			
		107 dB	
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		20 50001 12	
Cab certification	Cabin ROF	PS - FOPS level 2 JSM	

MHT-X 790 ST3A - Dimensional drawing

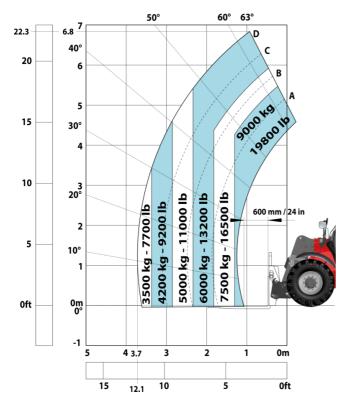




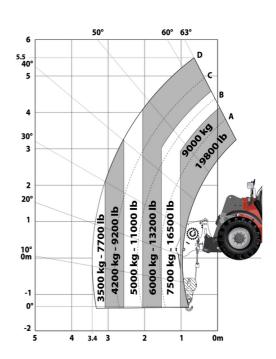


MHT-X 790 ST3A - Load chart

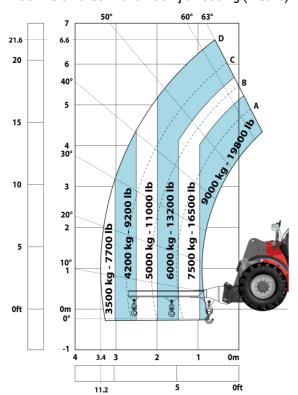
Machine on tires with forks LC 600 mm Metric



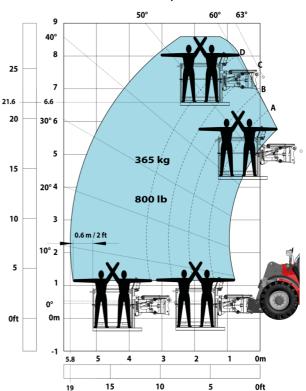
Machine on tires with winch 9000 kg (Metric)



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

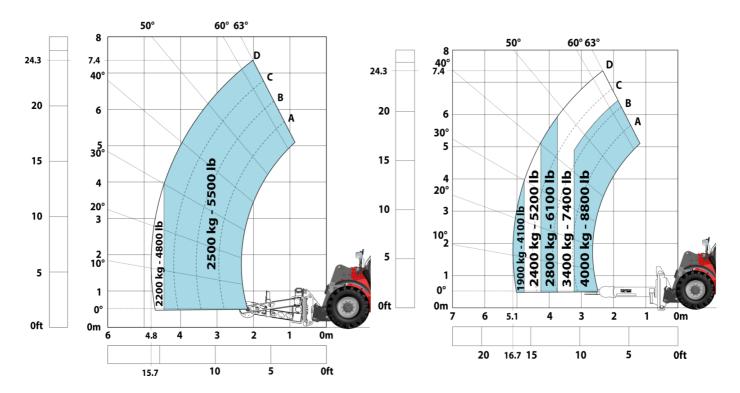


Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)

Machine on tires with cylinder handler CH 4 (Metric)







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