Technical sheet:

MHT-X 790 ST3A

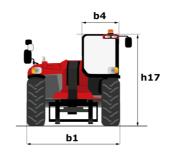


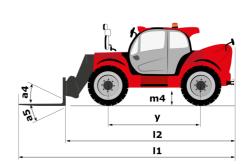


Capacities	Metric		
Max. capacity	9000 kg		
Load center of gravity	c 600 mm		
Max. lifting height	6.80 m		
Maximum outreach	3.70 m		
Weight and dimensions			
Overall length	l1 6.41 m		
Unladen weight (with forks)	13160 kg		
Ground clearance	m4 0.44 m		
Wheelbase		y 2.87 m	
Length to face of forks	12 5.21 m		
Overall width	b1 2.47 m		
Overall height	h17 2.54 m		
Overall cab width	b4 0.93 m		
Tilt-up angle	a4 15°		
Tilt-down angle	a5 109°		
External turning radius (over tyres)	Wa1 4.72 m		
Forks length / width / section	l / e / s 1200 mm x 200 mm x 6	U mm	
Wheels			
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 mode	
Engine			
Engine brand	Yanmar		
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	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 & rear axles		
Gradeability (laden / unladen)	48.10 % / 37.40 %		
Hydraulics	10.110 10 7 07.110 10		
Hydraulic pump type	Variable displacement	numn	
Hydraulic flow - Pressure	185 l/min - 270 ba		
Tank capacities	103 I/IIIII • 270 Dd		
	13 I		
Engine oil Fuel tank			
	165 l		
Noise and vibration	407.10		
Noise to environment (LwA)	107 dB		
Vibration on hands/arms	< 2.50 m/s²		
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB		
Miscellaneous			
Cab certification	Cabin ROPS - FOPS lev		

MHT-X 790 ST3A - Dimensional drawing

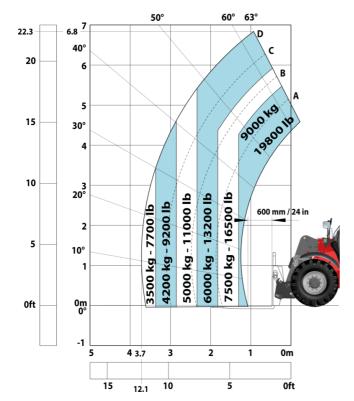




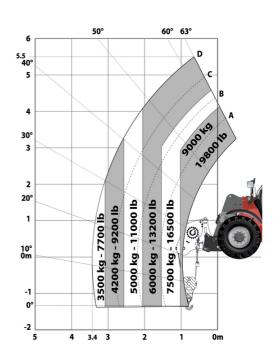


MHT-X 790 ST3A - Load chart

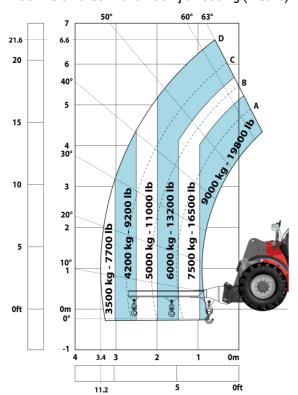
Machine on tires with forks LC 600 mm Metric



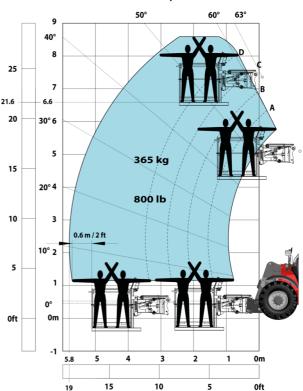
Machine on tires with winch 9000 kg (Metric)



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

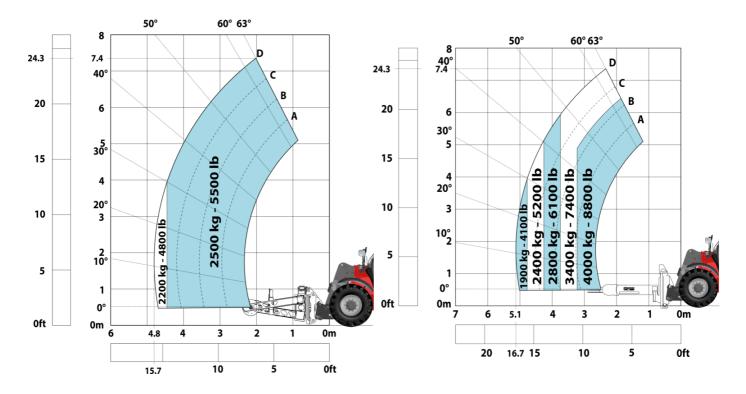


Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)

Machine on tires with cylinder handler CH 4 (Metric)







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