Technical sheet:

MHT-X 790 ST3A

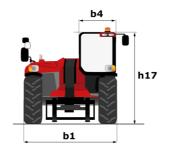


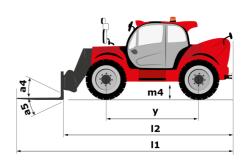


Capacities	Metric	
Max. capacity	9000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	6.80 m	
Max. outreach	3.70 m	
Weight and dimensions		
Overall length	l1 6.41 m	
Inladen weight (with forks)	13160 kg	
Ground clearance	m4 0.44 m	
Vheelbase	y 2.87 m	
ength to face of forks	l2 5.21 m	
Overall width	b1 2.47 m	
Overall height	h17 2.54 m	
Overall cab width	b4 0.93 m	
Filt-down angle	a5 109°	
Filt-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		
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 m	node
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 brak	e
Service brake	Oil-immersed multi-discs braking on fro axles	
Gradeability (laden / unladen) Hydraulics	48.10 % / 37.40 %	
	Variable dianlessment num	
Hydraulic pump type	Variable displacement pump 185 l/min - 270 bar	
Hydraulic flow - Pressure	165 1/min - 2/U Dar	
Tank capacities	10.1	
Engine oil Hydraulic oil	131	
•	151	
Fuel tank	165 I	
Noise and vibration		
Noise at driving position (LpA)	75 dB	
Noise to environment (LwA)	107 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous		
Safety cab homologation	ROPS - FOPS level 2 cab	

MHT-X 790 ST3A - Dimensional drawing

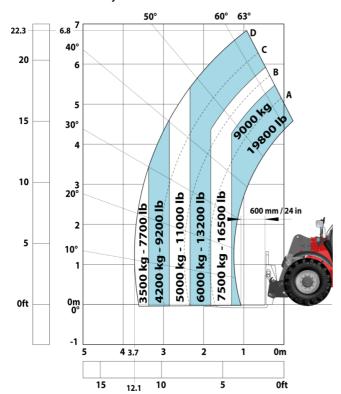




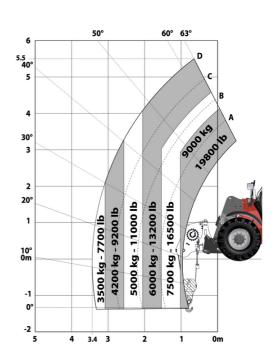


MHT-X 790 ST3A - Load chart

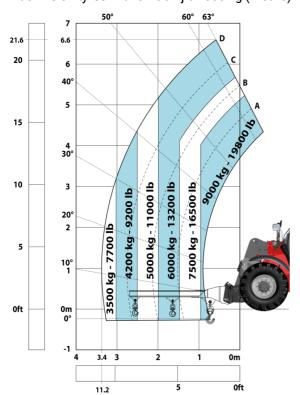
Machine on tyres with forks LC 600 mm Metric



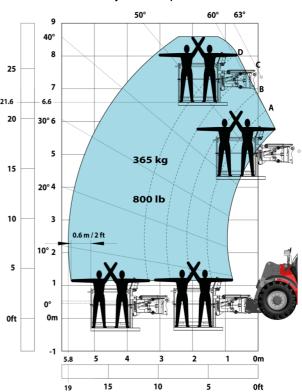
Machine on tyres with winch 9000 kg (Metric)



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

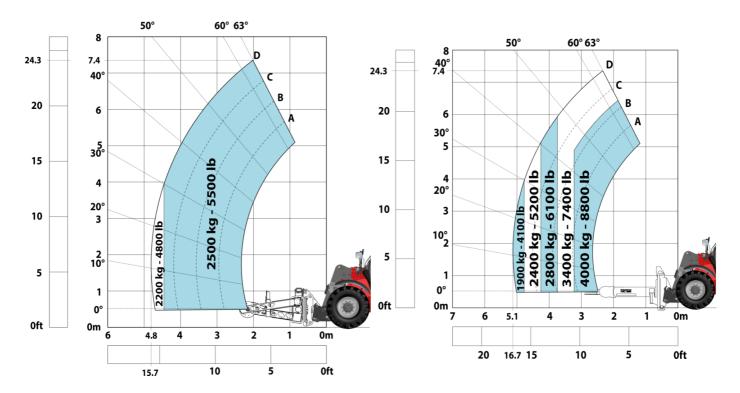


Machine on tyres with platform Metric



Machine on tyres with tyre handler TH 49 (Metric)

Machine on tyres with cylinder handler CH 4 (Metric)







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