Technical sheet:

# **MHT-X 790 ST3A**

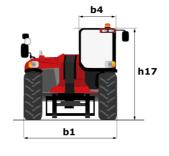


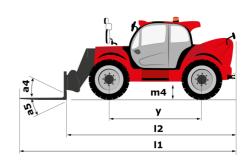


	мнт-х 790 sтза Created on 3 May 2024 at 8:09:50 A
Capacities	Metric
Max. capacity	9000 kg
Load center of gravity	c 600 mm
Max. lifting height	6.80 m
Max. outreach	3.70 m
Weight and dimensions	
Overall length	l1 6.41 m
Inladen weight (with forks)	13160 kg
Ground clearance	m4 0.44 m
Vheelbase	y 2.87 m
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
ilt-down angle	a5 109°
ilt-up angle	a4 15°
External turning radius (over tyres)	Wa1 4.72 m
orks length / width / section	I / e / s 1200 mm x 200 mm / 60 mm
Wheels	
Standard tires	445/65 R22,5
lumber of front wheels / rear wheels	2/2
Prive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab more
ingine	
ingine brand	Yanmar
ingine norm	Stage IIIA
ingine model	4TN107HT-5SMUF
Number of cylinders / Capacity of cylinders	4 - 4567 cm³
.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	
Fransmission 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 axles
Gradeability (laden / unladen)	48.10 % / 37.40 %
lydraulics	
lydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 270 bar
Fank capacities	
Engine oil	13
Hydraulic oil	151 l
uel tank	165
Noise and vibration	
Noise at driving position (LpA)	75 dB
Noise to environment (LwA)	107 dB
/ibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Safety cab homologation	ROPS - FOPS level 2 cab

## MHT-X 790 ST3A - Dimensional drawing

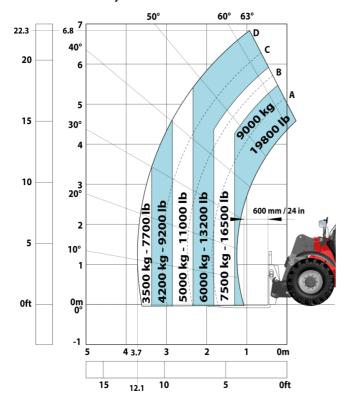




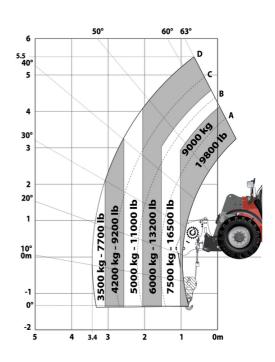


### MHT-X 790 ST3A - Load chart

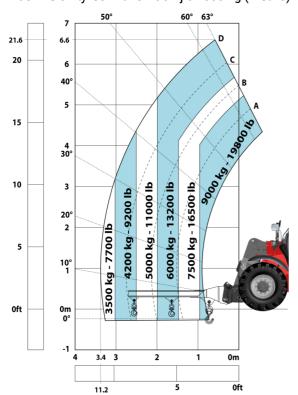
#### Machine on tyres with forks LC 600 mm Metric



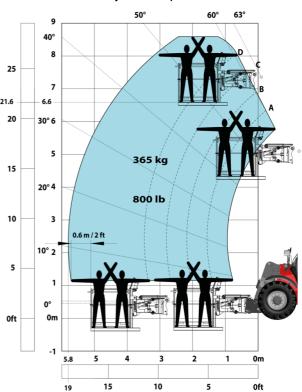
### Machine on tyres with winch 9000 kg (Metric)



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

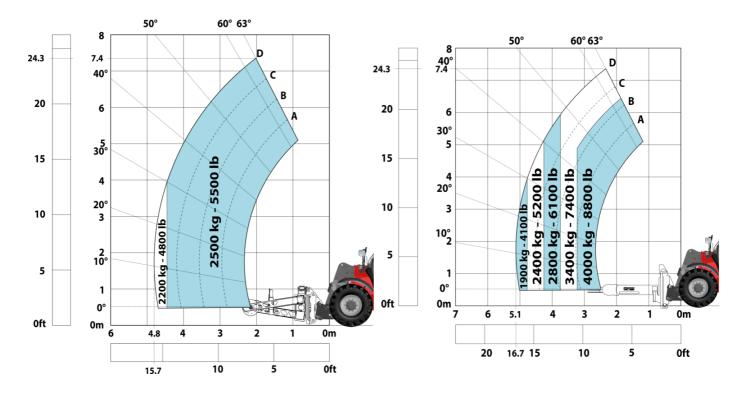


### Machine on tyres with platform Metric



Machine on tyres with tyre handler TH 49 (Metric)

Machine on tyres with cylinder handler CH 4 (Metric)







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