Technical sheet :

# **MHT-X 790 ST3A**

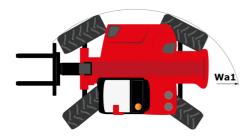


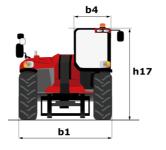


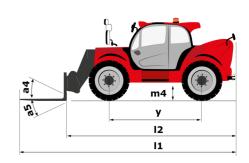
## мнт-х 790 5тза Created on May 3, 2024 at 11:04:38 PM UTC

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	
Dverall 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	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
orks length / width / section	l / 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 mode
Engine	
Engine brand	Yanmar
Engine norm	Stage IIIA
Engine 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
Fransmission	
Fransmission type	Hydrostatic
Number of gears (forward / reverse)	2/2
Nax. 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 %
Hydraulies and the second s	Vadala da la comu
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 270 bar
Tank capacities	
Engine oil	13
- Iydraulic oil	1511
Fuel tank	165
Noise and vibration	
Noise at driving position (LpA)	75 dB
Noise to environment (LwA)	107 dB
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	JSM

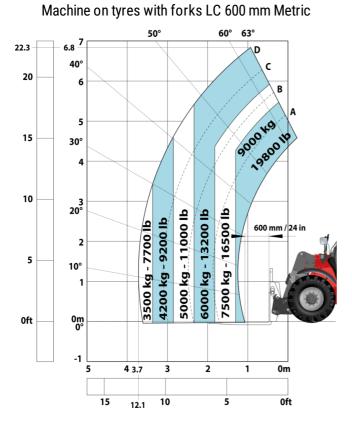
## MHT-X 790 ST3A - Dimensional drawing



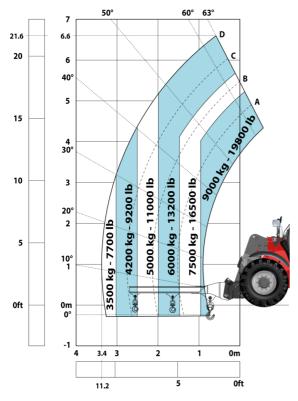




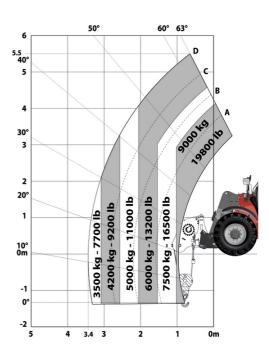
#### MHT-X 790 ST3A - Load chart



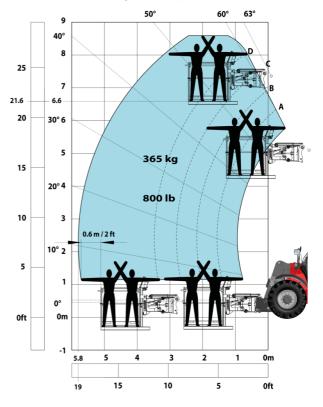
#### Machine on tyres with 3-hook jib 9000 kg (Metric)



Machine on tyres with winch 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) 60° 63° 50° 8 60° 63° 50° 8 40° 7.4 D 24.3 7.4 D 24.3 **40**° С С В В 20 20 6 6 A Α 30° 5 5 30° 15 15 2500 kg - 5500 lb 2400 kg -5200 lb 2800 kg - 6100 lb 3400 kg - 7400 lb 4000 kg - 8800 lb 4 20° 4 20° 1900 kg - 4100 lb 10 3 10 3 2200 kg - 4800 lb 10° 2 2 10° 5 5 1 **0**° 1 0m ∟ 7 0ft **0**° 2 1 6 5.1 4 3 0m 0m ∟ 6 0ft 4.8 4 3 2 1 0m 20 16.7 15 10 5 0ft 5 0ft 10 15.7



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