Technical sheet :

MHT-X 790 ST3A

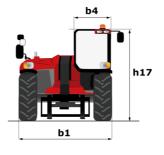


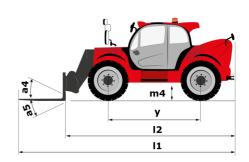


	MHT-X 790 ST3A Greated Off July 31, 2023 at 11.41 Ph
Capacities	Metric
Max. capacity	9000 kg
Load center of gravity	c 600 mm
Max. lifting height	6.80 m
Maximum outreach	3.70 m
Weight and dimensions	
Overall length	l1 6.41 m
Unladen weight (with forks)	13160 kg
Ground clearance	m4 0.44 m
Nheelbase	y 2.87 m
ength to face of forks	l2 5.21 m
Dverall width	b1 2.47 m
Dverall height	h17 2.54 m
Dverall cab width	b4 0.93 m
Filt-up angle	a4 15 °
Filt-down angle	a5 109 °
External turning radius (over tyres)	Wa1 4.72 m
Forks length / width / section	I / e / s 1200 mm x 60 mm
Wheels	
Standard tires	445/65 R22,5
Number of front wheels / rear wheels	2 / 2
	2/2
Drive wheels (front / rear)	
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Engine	Varmar
Engine brand	Yanmar
Engine norm	Stage IIIA
Engine model	4TN107HT-5SMUF
Number of cylinders / Capacity of cylinders	4 - 4567 cm ³
.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 %
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 270 bar
Tank capacities	
Engine oil	13
Fuel tank	165 I
Noise and vibration	
Voise to environment (LwA)	107 dB
/ibration on hands/arms	< 2.50 m/s ²
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB
Miscellaneous	
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM

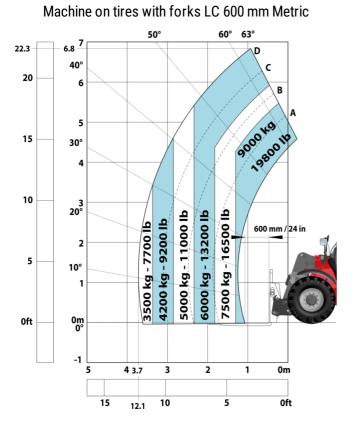
MHT-X 790 ST3A - Dimensional drawing



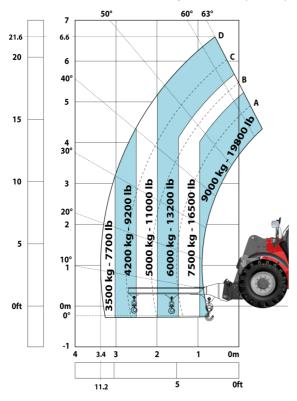




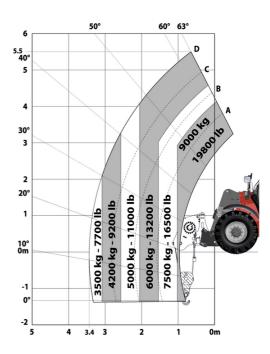
MHT-X 790 ST3A - Load chart



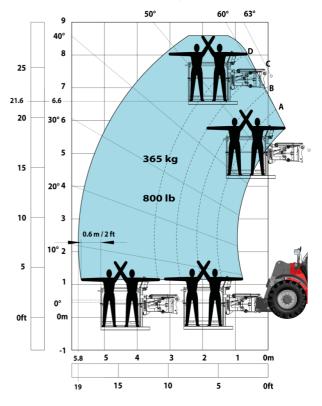
Machine on tires with 3-hook jib 9000 kg (Metric)

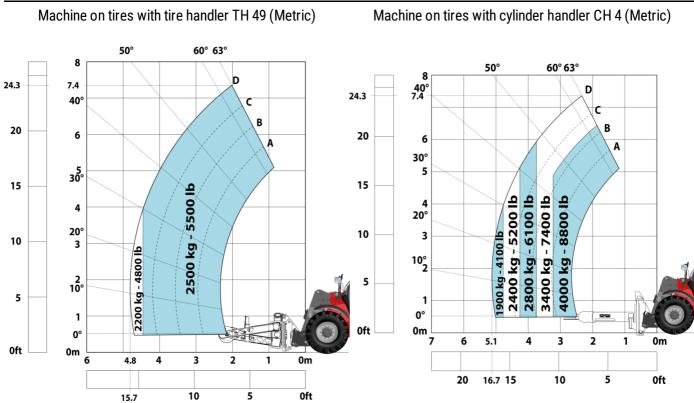


Machine on tires with winch 9000 kg (Metric)



Machine on tires with platform Metric







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