Technical sheet :

MHT-X 790 ST3A

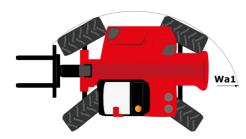


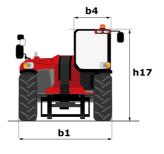


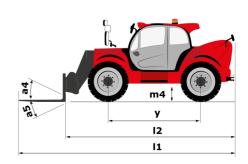
мнт-х 790 стза Created on August 1, 2025 at 11:40 PM UTC

Capacities	Metric		
Max. capacity	9000 kg	J	
Load center of gravity	c 600 mm	1	
Max. lifting height	6.80 m		
Aaximum outreach	3.70 m		
Neight and dimensions			
Overall length	l1 6.41 m		
Inladen weight (with forks)	13160 kg	q	
Sround clearance	m4 0.44 m	-	
Vheelbase	y 2.87 m		
ength to face of forks	l2 5.21 m		
Dverall width	b1 2.47 m		
)verall height	h17 2.54 m		
)verall cab width	b4 0.93 m		
ilt-up angle	a4 15°		
	a4 13 a5 109°		
iilt-down angle			
External turning radius (over tyres)	Wa1 4.72 m		
Forks length / width / section	l / e / s 1200 mm x 200 mi	.11 x 60 mm	
Wheels	445 (65 20)		
itandard tires	445/65 R2	2,5	
lumber of front wheels / rear wheels	2/2		
Drive wheels (front / rear)	2/2		
teering mode	2 wheel steer, 4 wheel s	teer, Crab mode	
ingine			
ngine brand	Yanmar		
ngine 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	Hydrostat	ic	
lumber 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			
Hydraulic pump type	Variable displacer	ment pump	
Hydraulic flow - Pressure		Variable displacement pump 185 l/min - 270 bar	
Fank capacities			
ingine oil	13		
iuel tank	165		
loise and vibration			
	01. 701		
loise to environment (LwA)		107 dB	
fibration on hands/arms	< 2.50 m/s ²		
loise at driving position (LpA) tested following NF EN 12053 norm	75 dB		
Miscellaneous			
Cab certification	Cabin ROPS - FOPS level 2 JSM		

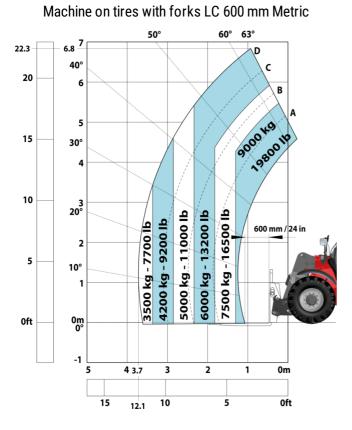
MHT-X 790 ST3A - Dimensional drawing



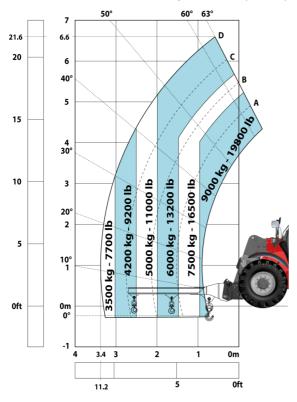




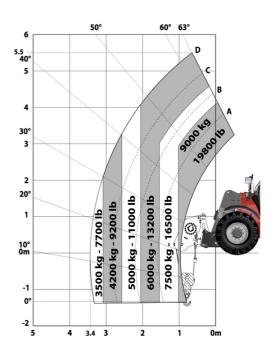
MHT-X 790 ST3A - Load chart



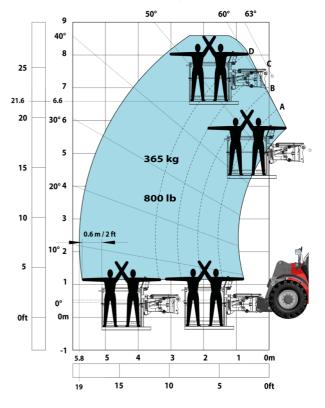
Machine on tires with 3-hook jib 9000 kg (Metric)

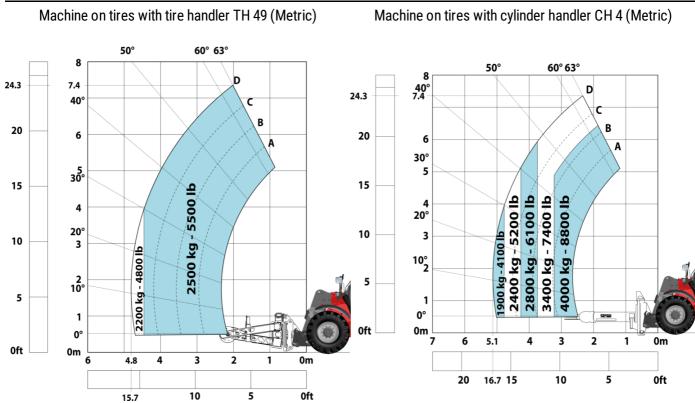


Machine on tires with winch 9000 kg (Metric)



Machine on tires with platform Metric







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