Technical sheet:

# **MHT-X 790 ST3A**

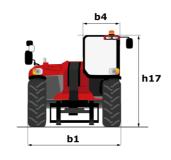


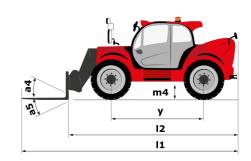


Capacities	Metri	С	
Max. capacity	9000	kg	
Load center of gravity	c 600 m	ım	
Max. lifting height	6.80	m	
Maximum outreach	3.70	m	
Weight and dimensions			
Overall length	l1 6.41	m	
Unladen weight (with forks)	13160	13160 kg	
Ground clearance	m4 0.44	0.44 m	
Wheelbase	у 2.87	2.87 m	
Length to face of forks	·	5.21 m	
Overall width	b1 2.47		
Overall height	h17 2.54		
Overall cab width	b4 0.93		
Tilt-up angle	a4 15°		
Tilt-down angle	a5 109		
External turning radius (over tyres)	Wa1 4.72		
Forks length / width / section	1/e/s 1200 mm x 200		
Wheels	17 e 7 S 1200 IIIIII X 200 I	IIIIII X OO IIIIII	
	AAE/6E F	222 E	
Standard tires	445/65 R22,5		
Number of front wheels / rear wheels	2/2		
Drive wheels (front / rear)	2 / 2 2 wheel steer, 4 wheel steer, Crab mode		
Steering mode	2 wheel steer, 4 whee	l steer, Crab mode	
Engine			
Engine brand	Yanmar		
Engine norm	Stage IIIA		
Engine model	4TN107HT-5SMUF		
Number of cylinders / Capacity of cylinders	4 - 4567 cm³		
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	10050 daN	
Transmission			
Transmission type	Hydrost	Hydrostatic	
Number of gears (forward / reverse)	2/2	2/2	
Max. travel speed	35 km	35 km/h	
Parking brake	Automatic negative	Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Gradeability (laden / unladen)	48.10 % / 3		
Hydraulics	10.10 %	77.10 .0	
Hydraulic pump type	Variable displac	Variable displacement pump	
Hydraulic flow - Pressure		185 l/min - 270 bar	
Tank capacities	103 1/111111 -	J bui	
Engine oil	101	13	
Fuel tank		13 I 165 I	
Noise and vibration	103		
	107.5	ID.	
Noise to environment (LwA)		107 dB	
Vibration on hands/arms		< 2.50 m/s²	
Noise at driving position (LpA) tested following NF EN 12053 norm  Miscellaneous	75 d	В	
Cab certification	Cabin ROPS - F	OPS level 2	
Controls	JSM		

## MHT-X 790 ST3A - Dimensional drawing

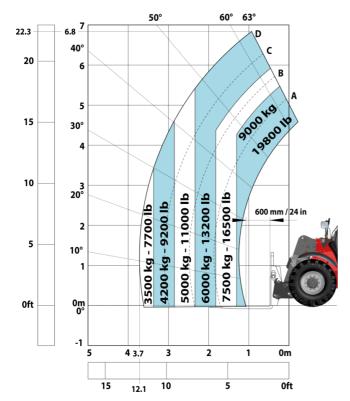




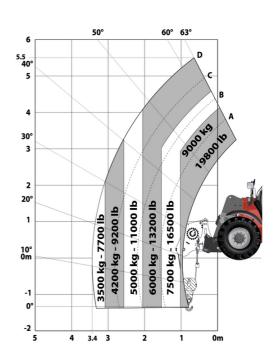


### MHT-X 790 ST3A - Load chart

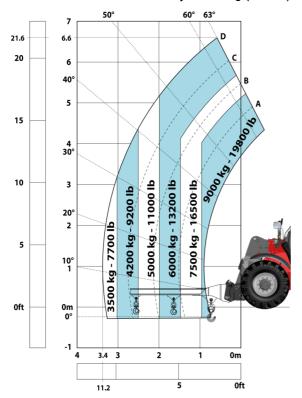
#### Machine on tires with forks LC 600 mm Metric



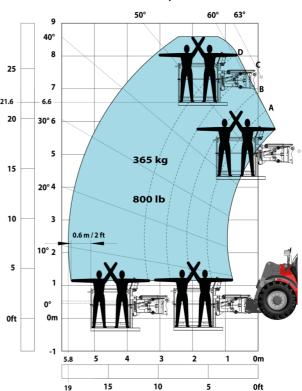
### Machine on tires with winch 9000 kg (Metric)



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

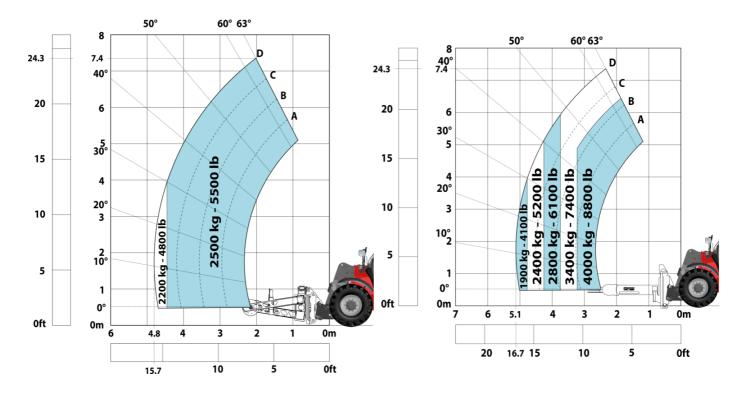


### Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)

Machine on tires with cylinder handler CH 4 (Metric)







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