Technical sheet :

## **MHT 790 ST5**

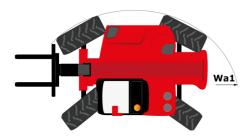


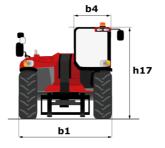


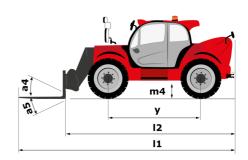
инт 790 sт 5 Created on May 3, 2024 at 9:31:23 AM L	.31.23 AM UTC
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	<b>MHT 790 ST5</b> Created on May 3, 2024 at 9:	31.23 AIVI U
Capacities	Metric	
fax. capacity	9000 kg	
oad center of gravity	c 600 mm	
ax. lifting height	6.80 m	
ax. outreach	3.70 m	
leight and dimensions		
verall length	l1 6.41 m	
nladen weight (with forks)	13160 kg	
round clearance	m4 0.44 m	
heelbase	y 2.87 m	
ength to face of forks	l2 5.21 m	
verall width	b1 2.47 m	
verall height	h17 2.54 m	
verall cab width	b4 0.93 m	
It-down angle	a5 109 °	
It-up angle	a4 15 °	
xternal turning radius (over tyres)	Wa1 4.72 m	
orks length / width / section	I / e / s 1200 mm x 200 mm / 60	) mm
rheels		· ····
umber of front wheels / rear wheels	2/2	
rive wheels (front / rear)	2/2	
eering mode	2 wheel steer, 4 wheel steer,	Crab mode
igine		
ngine brand	Yanmar	
igine norm	Stage V / Tier 4	
igine model	4TN107FHT-5SMUF	:
umber of cylinders / Capacity of cylinders	4 - 4567 cm <sup>3</sup>	
C. Engine power rating / Power	143 Hp / 105 kW	
ax. torque / Engine rotation	602 Nm@1500 pm	
ngine cooling system	Water	
attery voltage	12 V	
rawbar pull	10050 daN	
ransmission		
ansmission type	Hydrostatic	
umber of gears (forward / reverse)	2/2	
ax. travel speed	35 km/h	
arking brake	Automatic negative parkin	a brake
ervice brake	Oil-immersed multi-discs braking axles	
radeability (laden / unladen)	48.10 % / 37.40 %	
ydraulics		
/draulic pump type	Variable displacement p	oump
/draulic flow - Pressure	185 I/min - 270 bai	
ank capacities		
ngine oil	13	
ydraulic oil	151	
Jel tank	165	
iesel Exhaust fluid (AdBlue® type)	201	
oise and vibration		
oise at driving position (LpA)	75 dB	
oise to environment (LwA)	107 dB	
ibration on hands/arms	< 2.50 m/s <sup>2</sup>	
liscellaneous		
afety cab homologation	ROPS - FOPS level 2 c	ab
controls	JSM	

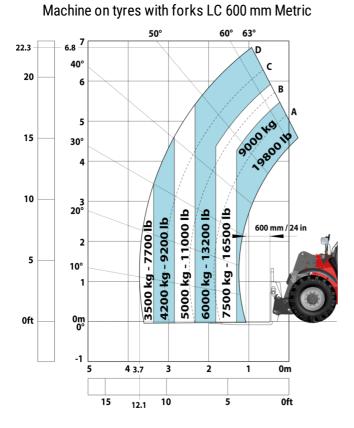
## MHT 790 ST5 - Dimensional drawing



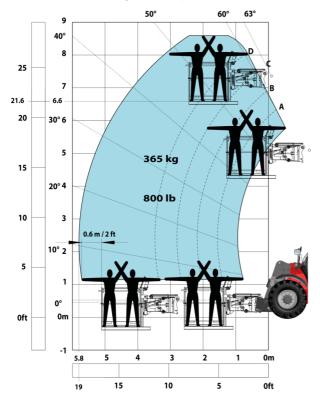




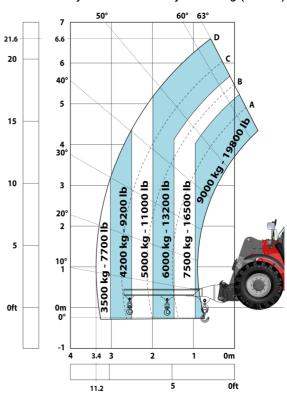
## MHT 790 ST5 - Load chart



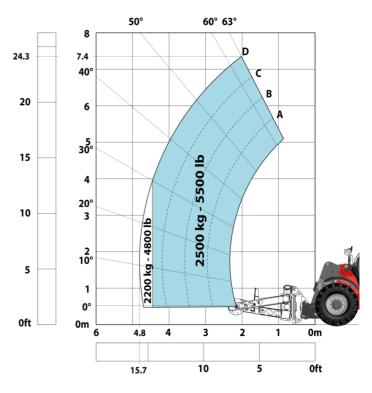
Machine on tyres with platform Metric



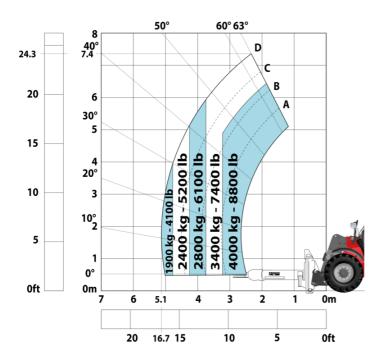
Machine on tyres with 3-hook jib 9000 kg (Metric)



Machine on tyres with tyre handler TH 49 (Metric)



Machine on tyres with cylinder handler CH 4 (Metric)





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