Technical sheet :

MHT 790 ST5

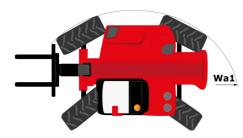


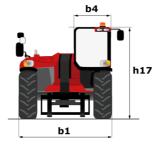


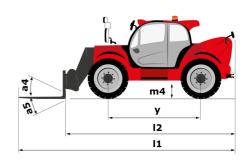
IHT 790 ST 5	Created on	May 4,	2024 a	t 4:27:31	PM UTC
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	MH1 790 S15 (мнт 790 sть Created on May 4, 2024 at 4:27:31 PM U		
Capacities		Metric		
lax. capacity		9000 kg		
oad center of gravity	С	600 mm		
lax. lifting height		6.80 m		
lax. outreach		3.70 m		
leight and dimensions				
verall length	1	6.41 m		
nladen weight (with forks)		13160 kg		
round clearance	m4	0.44 m		
heelbase	у	2.87 m		
ength to face of forks	12			
verall width	b1	b1 2.47 m		
verall height	h17	h17 2.54 m		
verall cab width	b4	b4 0.93 m		
It-down angle	а5	a5 109 °		
It-up angle	a4	a4 15°		
xternal turning radius (over tyres)	Wa1	4.72 m		
orks length / width / section	l / e / s	1200 mm x 200 mm / 60 mm		
/heels				
umber of front wheels / rear wheels		2/2		
rive wheels (front / rear)		2/2		
eering mode		2 wheel steer, 4 wheel steer, Crab mode		
ngine				
ngine brand		Yanmar		
- Igine norm		Stage V / Tier 4		
ngine model		4TN107FHT-5SMUF		
umber of cylinders / Capacity of cylinders		4 - 4567 cm³		
C. Engine power rating / Power		143 Hp / 105 kW		
ax. torque / Engine rotation		602 Nm@1500 rpm		
ngine cooling system		Water		
attery voltage		12 V		
rawbar pull		10050 daN		
ransmission				
ransmission type		Hydrostatic		
umber of gears (forward / reverse)		2/2		
ax. travel speed		35 km/h		
irking brake		Automatic negative parking brake		
ervice brake		Oil-immersed multi-discs braking on front & real axles		
radeability (laden / unladen)		48.10 % / 37.40 %		
ydraulics				
ydraulic pump type		Variable displacement pump		
ydraulic flow - Pressure		185 l/min - 270 bar		
ank capacities				
ngine oil		13		
ydraulic oil		151		
uel tank		165 l		
iesel Exhaust fluid (AdBlue® type)		20		
oise and vibration				
oise at driving position (LpA)		75 dB		
loise to environment (LwA)		107 dB		
ibration on hands/arms		< 2.50 m/s²		
liscellaneous				
afety cab homologation		ROPS - FOPS level 2 cab		

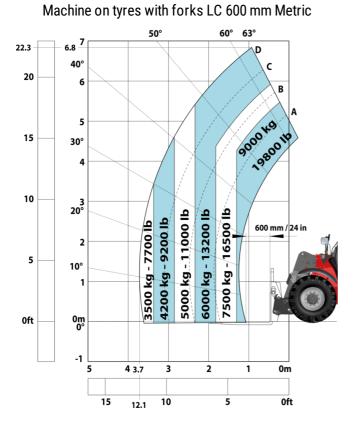
MHT 790 ST5 - Dimensional drawing



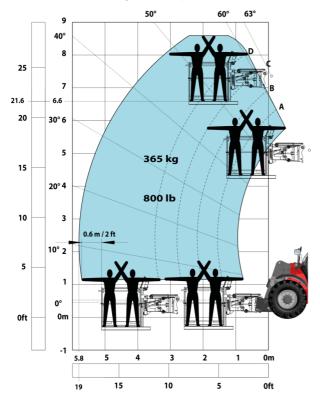




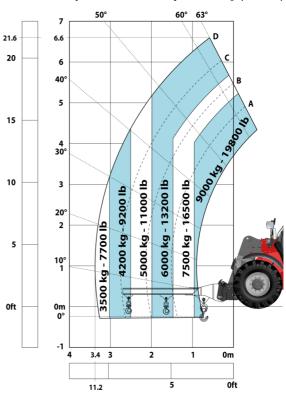
MHT 790 ST5 - Load chart



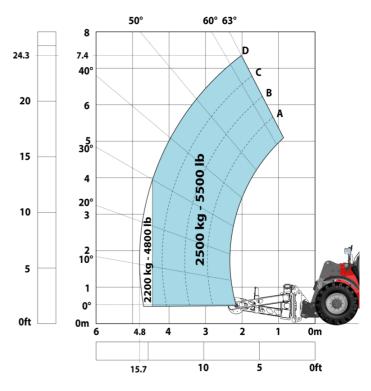
Machine on tyres with platform Metric



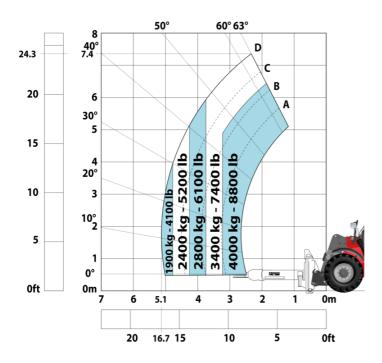
Machine on tyres with 3-hook jib 9000 kg (Metric)



Machine on tyres with tyre handler TH 49 (Metric)



Machine on tyres with cylinder handler CH 4 (Metric)





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