Technical sheet :

MHT-X 790 MINING ST3A



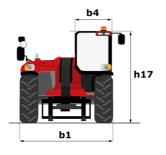


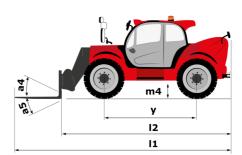
мнт-х 790 мілілд ST3A Created on August 12, 2025 at 2:48 PM UTC

Capacities		Metric
Max. capacity		9000 kg
Load center of gravity	С	600 mm
Nax. lifting height		6.80 m
Aaximum outreach		3.70 m
Veight and dimensions		
Inladen weight (with forks)		13160 kg
Fround clearance	m4	0.44 m
Vheelbase	у	2.87 m
ength to face of forks	12	5.21 m
Dverall width	b1	2.47 m
Dverall height	h17	2.50 m
Dverall cab width	b4	0.93 m
Tilt-up angle	a4	12 °
ïlt-down angle	a5	125 °
External turning radius (over tyres)	Wa1	4.89 m
Forks length / width / section	l/e/s	1200 mm x 200 mm x 60 mm
Wheels	.,	
Standard tires		445/65 R22,5
Jumber of front wheels / rear wheels		2/2
Steering wheels (front / rear)		2/2
Drive wheels (front / rear)		2/2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
		2 wheel steel, 4 wheel steel, clab mode
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		10905 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 & rea axles
lydraulics		
łydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		185 l/min - 270 bar
Fank capacities		
Engine oil		13
Fuel tank		165
loise and vibration		
Noise to environment (LwA)		103 dB
/ibration on hands/arms		< 2.50 m/s ²
Viscellaneous		- 2.00 m/ 0
Safety / Cab certification		Standard EN 15000 - Cabin ROPS - FOPS level 2
Controls		JSM

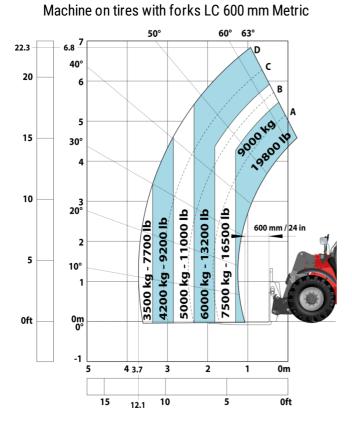
MHT-X 790 Mining ST3A - Dimensional drawing



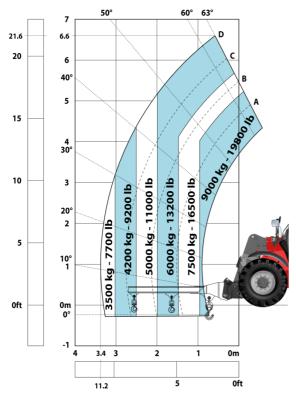




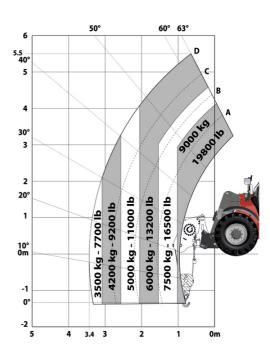
MHT-X 790 Mining ST3A - Load chart



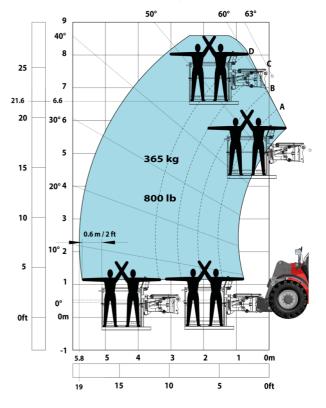
Machine on tires with 3-hook jib 9000 kg (Metric)



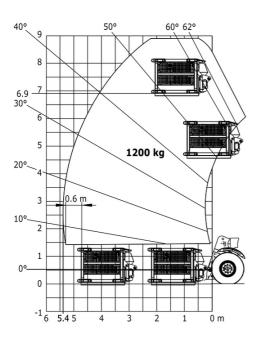
Machine on tires with winch 9000 kg (Metric)



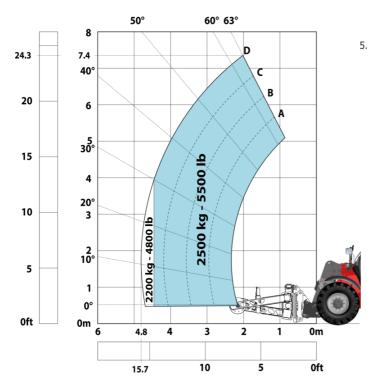
Machine on tires with platform Metric



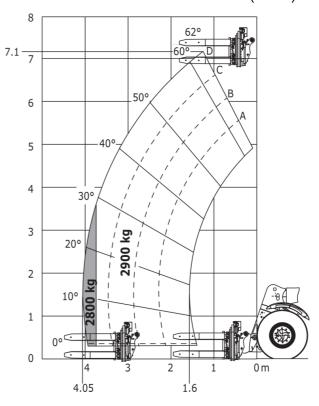
Machine on tires with underground mining platform (Metric)



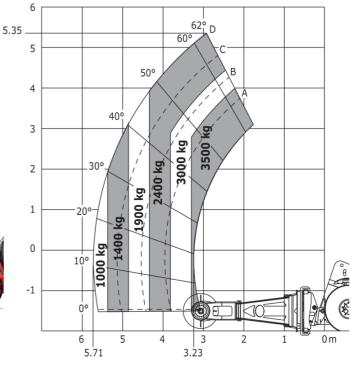
Machine on tires with tire handler TH 49 (Metric)



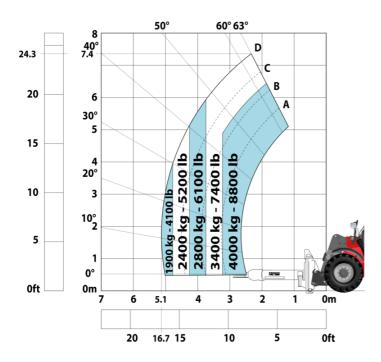
Machine on tires with tire handler TH 35 (Metric)



Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)



Mining Specifications

	MHT-X 790 Mining ST3A
Lifting function	
Clamp predisposition (controls from cabin)	S
Comfort Ride Control (CRC) boom suspension	0
Working platform predisposition with remote control	S
Lighting	
Brake Lights ON When Park Brake ON	S
Flat Led Rotating Beacon	S
LED Flashing Lights On Cabin (Marker Lights)	S
LED tramming lights	S
LED work lights - On the top of the boom (fixed part) (x2)	S
LED working lights on cab (x4 : 2 front + 2 rear)	S
Motorization/Power	
Exhaust fume purification system	S
Hydraulic hose sleeve burst protection	0
Radiator safety cap	S
Operator station	
Roof and Windshield Guard	S
Other options	
Battery + Starter Isolators + Jump Start Receptacle	S
Pneumatics	, , , , , , , , , , , , , , , , , , ,
Steel mudguards	0
Secondary functions	, in the second s
Automatic greasing system (AGS) - Chassis + boom	0
Fast fuel filling system	0
Security	Ŭ
"Guardian Angel" System Level 1	S
360° visibility safety system	S
Boom cylinder lock	S
Emergency steering	S
Emergency stop by safety valve	0
Emergency stop: 1 in cab, 2 on external	S
Engine compartment fire prevention kit	0
Extinguisher brackets (x3)	S
Fire suppression system	0
Fuse board protection - MHT's	S
High visibility reflective strips	S
Loose wheel nut indicators	S
Marking - Warning & Danger decals	S
Maning - warning & Danger decars Mining protection grids: right, left and back windows	S
Negative brakes on front & rear axles	S
Rear and lateral camera with cab screen	S
Rear bumper	0
Right side bumper	0
Steel Protection Guards on all working and road lights	S
System with attachments recognition (E-reco)	S
Wheel chocks	S

Equipment

Standard
"Guardian Angel" System Level 1
360° visibility safety system
Battery + Starter Isolators + Jump Start Receptacle
Boom cylinder lock
Brake Lights ON When Park Brake ON
Clamp predisposition (controls from cabin)
Emergency steering
Emergency stop: 1 in cab, 2 on external
Exhaust fume purification system
Extinguisher brackets (x3)
Flat Led Rotating Beacon
Fuse board protection - MHT's
High visibility reflective strips
LED Flashing Lights On Cabin (Marker Lights)
LED tramming lights
LED work lights - On the top of the boom (fixed part) (x2)
LED working lights on cab (x4 : 2 front + 2 rear)
Loose wheel nut indicators
Marking - Warning & Danger decals
Mining protection grids: right, left and back windows
Negative brakes on front & rear axles
Radiator safety cap
Rear and lateral camera with cab screen
Roof and Windshield Guard
Steel Protection Guards on all working and road lights
System with attachments recognition (E-reco)
Wheel chocks
Working platform predisposition with remote control

Optional

Automatic greasing system (AGS) - Chassis + boom
Comfort Ride Control (CRC) boom suspension
Emergency stop by safety valve
Engine compartment fire prevention kit
Fast fuel filling system
Fire suppression system
Hydraulic hose sleeve burst protection
Rear bumper
Right side bumper
Steel mudguards



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