Technical sheet :

MHT-X 790 MINING ST3A



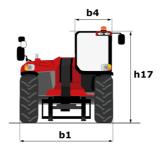


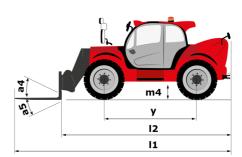
мнт-х 790 мілілд ST3A Created on August 12, 2025 at 8:58 PM UTC

Capacities	Metric	
Max. capacity	9000 kg	
Load center of gravity	c 600 mm	
/ax. lifting height	6.80 m	
Aaximum outreach	3.70 m	
Veight and dimensions		
Inladen 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	
Overall height	h17 2.50 m	
Overall cab width	b4 0.93 m	
ïlt-up angle	a4 12 °	
ilt-down angle	a5 125 °	
ixternal turning radius (over tyres)	Wa1 4.89 m	
orks length / width / section	l / e / s 1200 mm x 200 mm x 60	mm
Vheels		
tandard tires	445/65 R22,5	
lumber 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, 0	crab mode
ingine		
ingine brand	Yanmar	
Engine norm	Stage IIIA	
ingine model	4TN107HT-5SMUF	
lumber of cylinders / Capacity of cylinders	4 - 4567 cm³	
C. Engine power rating / Power	143 Hp / 105 kW	
Max. torque / Engine rotation	602 Nm@1500 rpm	
Engine cooling system	Water	
Sattery voltage	12 V	
Jrawbar pull	10905 daN	
Transmission		
ransmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Aax. travel speed	35 km/h	
arking brake	Automatic negative parking	ı brake
•	Oil-immersed multi-discs braking	
Service brake	axles	
lydraulics		
lydraulic pump type	Variable displacement p	ump
lydraulic flow - Pressure	185 l/min - 270 bar	
ank capacities		
ingine oil	13	
uel tank	165 l	
Noise and vibration		
loise to environment (LwA)	103 dB	
/ibration on hands/arms	< 2.50 m/s²	
/iscellaneous		
Safety / Cab certification	Standard EN 15000 - Cabin ROPS	FOPS level 2
Controls	JSM	

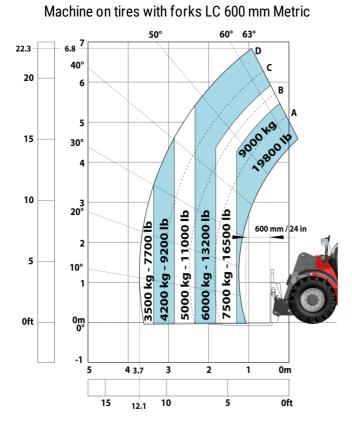
MHT-X 790 Mining ST3A - Dimensional drawing



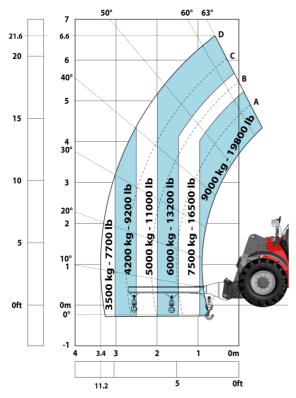




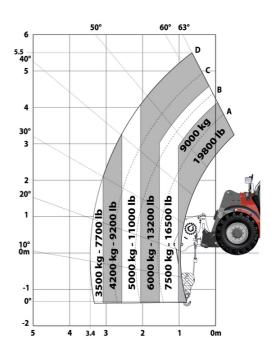
MHT-X 790 Mining ST3A - Load chart



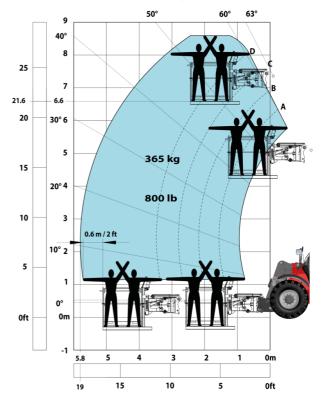
Machine on tires with 3-hook jib 9000 kg (Metric)



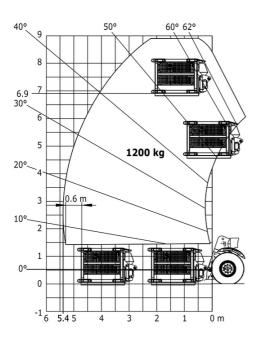
Machine on tires with winch 9000 kg (Metric)



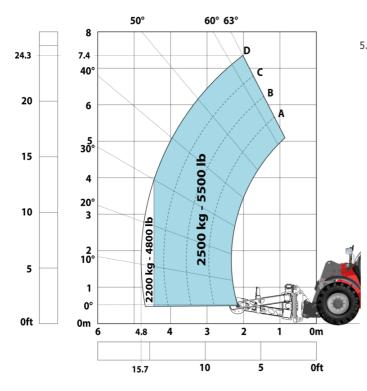
Machine on tires with platform Metric



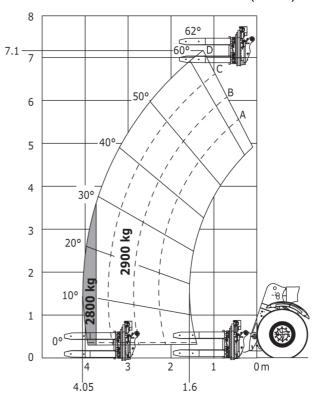
Machine on tires with underground mining platform (Metric)



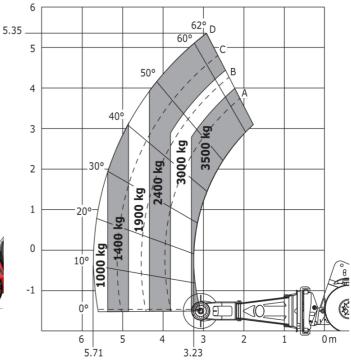
Machine on tires with tire handler TH 49 (Metric)



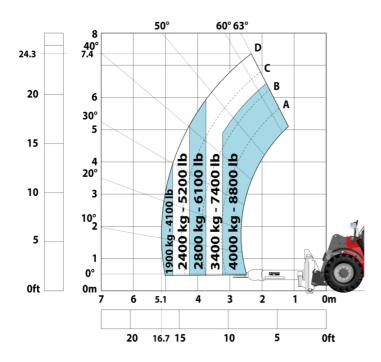
Machine on tires with tire handler TH 35 (Metric)



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
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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