Technical sheet :

MHT-X 790 MINING ST3A



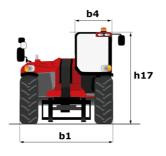


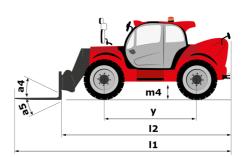
мнт-х 790 мінінд sтза Created on August 10, 2025 at 10:34 AM UTC

Capacities	Metric	
Max. capacity	9000 kg	
.oad center of gravity	c 600 mm	
/ax. lifting height	6.80 m	
Aaximum outreach	3.70 m	
Neight and dimensions		
Inladen weight (with forks)	13160 kg	
Fround clearance	m4 0.44 m	
Vheelbase	y 2.87 m	
ength to face of forks	l2 5.21 m	
Dverall width	b1 2.47 m	
Dverall height	h17 2.50 m	
Dverall cab width	b4 0.93 m	
lilt-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 6	50 mm
Wheels		
Standard tires	445/65 R22,5	
lumber of front wheels / rear wheels	2/2	
teering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
Steering mode	2 wheel steer, 4 wheel steer,	Crab mode
Engine		Ciab mode
Engine brand	Yanmar	
Engine norm	Stage IIIA	
-	4TN107HT-5SMUF	-
ingine model		i
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 rpn	ก
Engine cooling system	Water	
Battery voltage	12 V	
Drawbar pull	10905 daN	
Transmission		
ransmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Aax. travel speed	35 km/h	
Parking brake	Automatic negative parkir	
Service brake	Oil-immersed multi-discs braking axles	g on front & rea
łydraulics		
lydraulic pump type	Variable displacement	numn
Hydraulic flow - Pressure	185 l/min - 270 ba	
Fank capacities		
ingine oil	13	
iuel tank	1651	
loise and vibration		
loise to environment (LwA)	103 dB	
voise to environment (LWA) fibration on hands/arms	< 2.50 m/s ²	
	< 2.50 m/s ²	
Aiscellaneous		
Safety / Cab certification Controls	Standard EN 15000 - Cabin ROPS JSM	5 - FUPS level 2

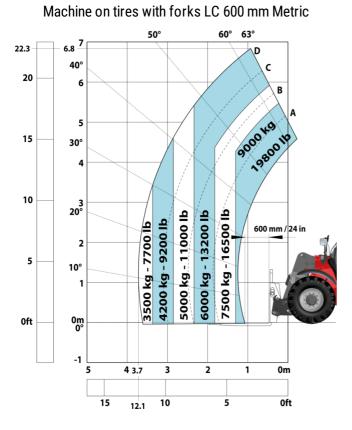
MHT-X 790 Mining ST3A - Dimensional drawing



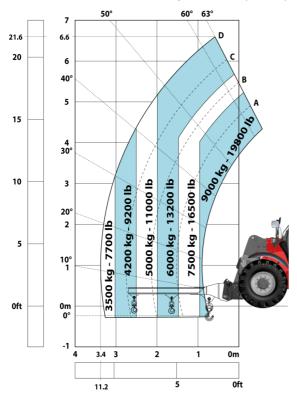




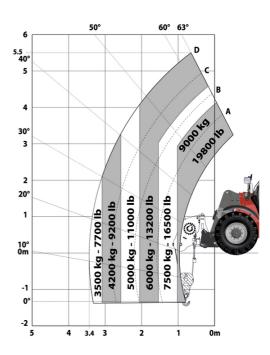
MHT-X 790 Mining ST3A - Load chart



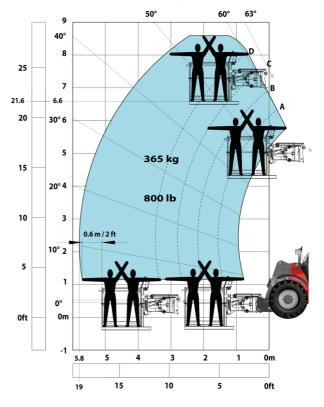
Machine on tires with 3-hook jib 9000 kg (Metric)



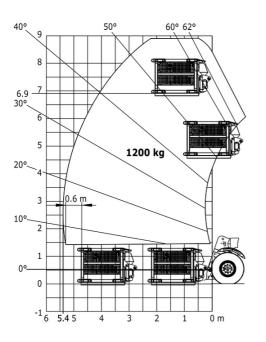
Machine on tires with winch 9000 kg (Metric)



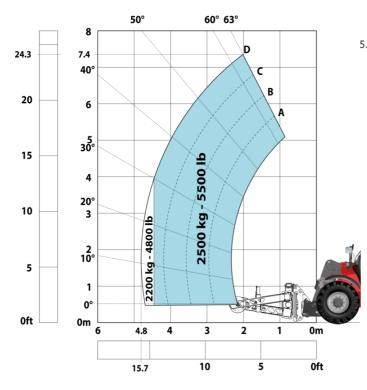
Machine on tires with platform Metric



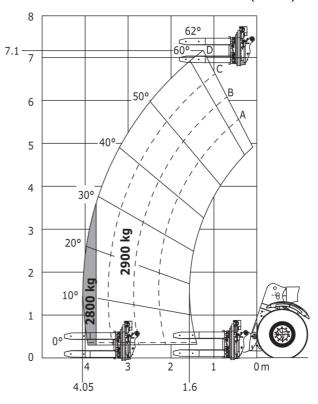
Machine on tires with underground mining platform (Metric)



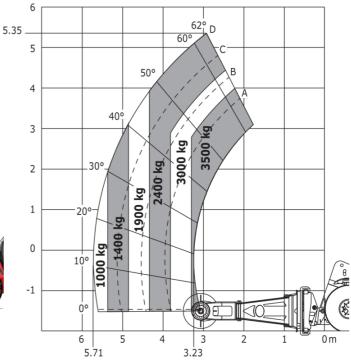
Machine on tires with tire handler TH 49 (Metric)



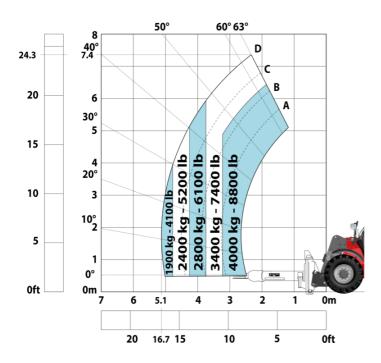
Machine on tires with tire handler TH 35 (Metric)



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	
Automatic greasing system (AGS) - Chassis + boom	0
Fast fuel filling system	0
Security	
"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
	S
System with attachments recognition (E-reco)	S
Wheel chocks	5

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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