Technical sheet:

MHT-X 790 MINING ST3A

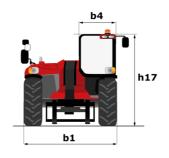


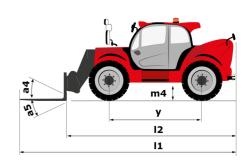


Capacities	Metric		
Max. capacity	9000 kg		
oad center of gravity	c 600 mm		
Max. lifting height	6.80 m		
Maximum outreach	3.70 m		
Weight and dimensions			
Jnladen weight (with forks)	13160 kg		
Ground clearance	m4 0.44 m		
Wheelbase	y 2.87 m		
ength to face of forks	l2 5.21 m		
Overall width	b1 2.47 m		
Overall height	h17 2.50 m		
Overall cab width	b4 0.93 m		
Filt-up angle	a4 12°		
Filt-down angle	a5 125°		
External turning radius (over tyres)	Wa1 4.89 m		
Forks length / width / section	I / e / s 1200 mm x 200 mm	x 60 mm	
Wheels	1, 5, 5	. •	
Standard tires	445/65 R22	.5	
Number of front wheels / rear wheels	2/2		
Steering wheels (front / rear)	2/2		
Orive wheels (front / rear)	·	2/2	
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	
Engine Engine	2 micel deci, 4 micel de	cei, olub illoue	
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	
• • •		12 V	
Battery voltage Drawbar pull		12 V 10905 daN	
Transmission	10903 dalv		
	Hubostoti		
Fransmission type	Hydrostatic 2 / 2	;	
Number of gears (forward / reverse)			
Max. travel speed	35 km/h		
Parking brake	Automatic negative pa		
Service brake	Oil-immersed multi-discs bra axles	king on front & re	
Hydraulics			
Hydraulic pump type	Variable displacem	ent pump	
Hydraulic flow - Pressure		185 l/min - 270 bar	
Tank capacities	100 J J IIII 270		
Engine oil	13		
Fuel tank	165		
Noise and vibration	1031		
Noise to environment (LwA)	103 dB		
fibration on hands/arms	< 2.50 m/s	2	
Miscellaneous	< 2.30 III/\$		
	Standard EN 15000 - Cabin R	ODE FOREI	
Safety / Cab certification Controls	Standard en 15000 - Cadin R JSM	ors - rups level	

MHT-X 790 Mining ST3A - Dimensional drawing

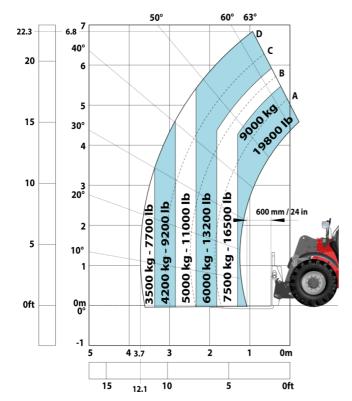




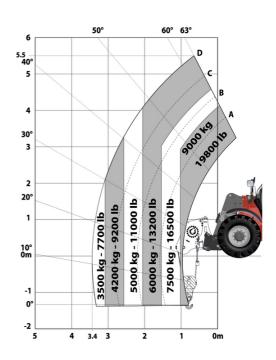


MHT-X 790 Mining ST3A - Load chart

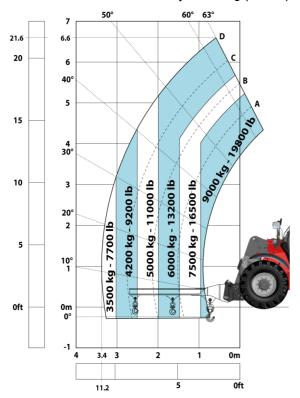
Machine on tires with forks LC 600 mm Metric



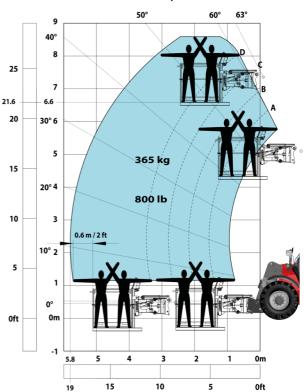
Machine on tires with winch 9000 kg (Metric)



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

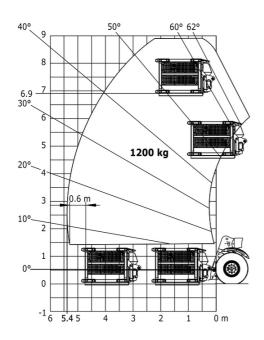


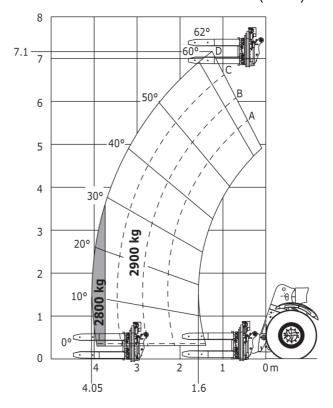
Machine on tires with platform Metric



Machine on tires with underground mining platform (Metric)

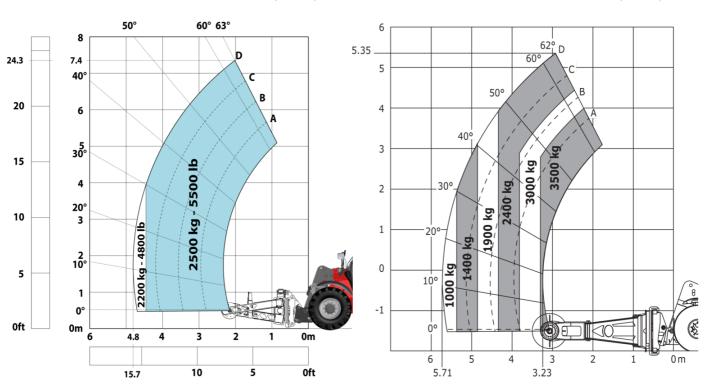
Machine on tires with tire handler TH 35 (Metric)



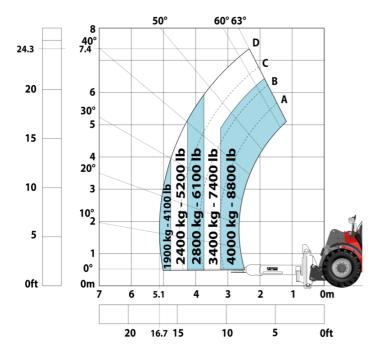


Machine on tires with tire handler TH 49 (Metric)

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
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 bumpe

Right side bumper

Steel mudguards





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