Technical sheet:

# MHT-X 790 MINING ST3A

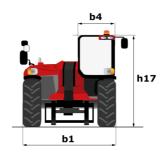


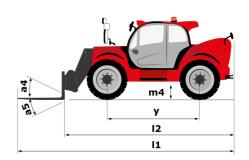


Capacities	Metric	
Max. capacity	9000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	6.80 m	
Maximum outreach	3.70 m	
Weight and dimensions		
Unladen weight (with forks)	13160 kg	
Ground clearance	m4 0.44 m	
Wheelbase	y 2.87 m	
ength to face of forks	I2 5.21 m	
Overall width	b1 2.47 m	
Overall 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	1
Wheels	17 C / G	
Standard tires	445/65 R22,5	
Number 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	modo
Engine	2 Wileel Steel, 4 Wileel Steel, Glab	illoue
Engine Brand	Yanmar	
Engine norm	Stage IIIA	
Engine model	4TN107HT-5SMUF	
•	4 · 4567 cm³	
Number of cylinders / Capacity of cylinders		
.C. Engine power rating / Power	143 Hp / 105 kW 602 Nm@1500 rpm	
Max. torque / Engine rotation	602 Nm@1300 rpm Water	
Engine cooling system		
Battery voltage	12 V 10905 daN	
Drawbar pull	TU9US DAN	
Transmission	Halasaada	
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Max. travel speed	35 km/h	
Parking brake	Automatic negative parking bra	
Service brake	Oil-immersed multi-discs braking on fo axles	ront & rea
Hydraulics		
Hydraulic pump type	Variable displacement pump	
Hydraulic flow - Pressure	185 l/min - 270 bar	
Tank capacities		
Engine oil	13	
Fuel tank	165	
Noise and vibration		
Noise to environment (LwA)	103 dB	
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>	
Miscellaneous	< 2.30 III/S*	
Safety / Cab certification	Standard EN 15000 - Cabin ROPS - FOI	DC love!
Sarety / Cab certification  Controls	Standard EN 15000 - Cabin Kups - Foi	S level .

## MHT-X 790 Mining ST3A - Dimensional drawing

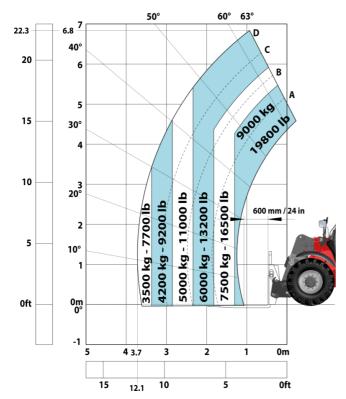




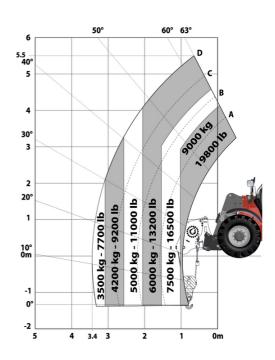


## MHT-X 790 Mining ST3A - Load chart

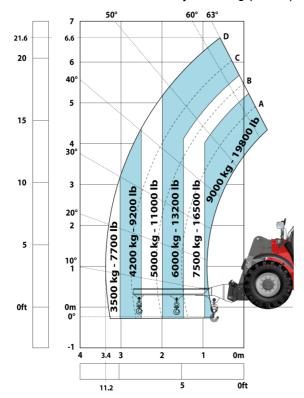
### Machine on tires with forks LC 600 mm Metric



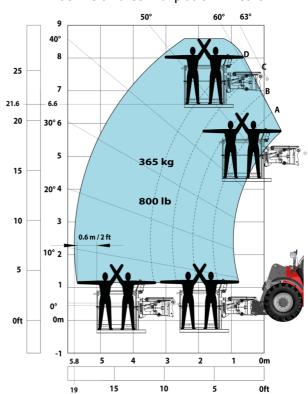
### Machine on tires with winch 9000 kg (Metric)



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

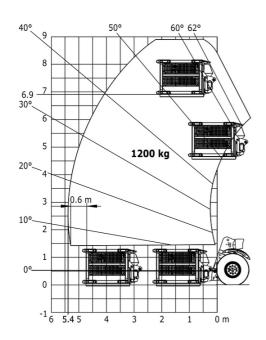


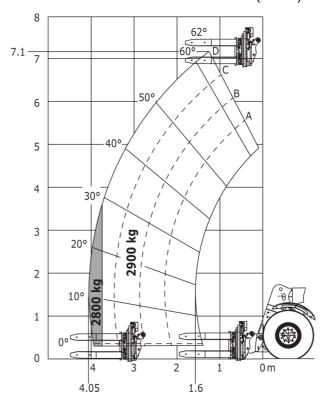
### Machine on tires with platform Metric



Machine on tires with underground mining platform (Metric)

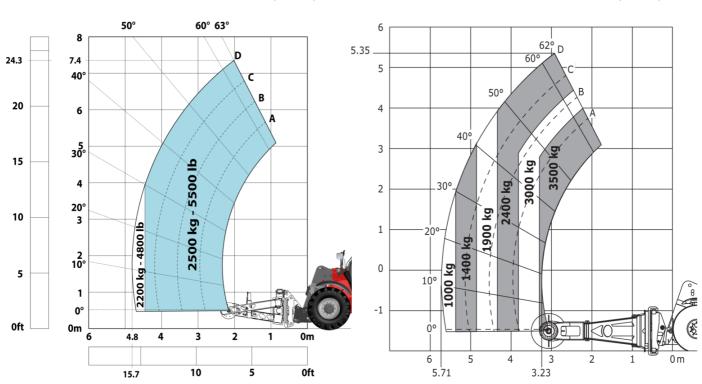
Machine on tires with tire handler TH 35 (Metric)



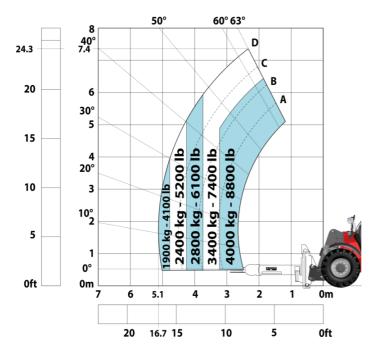


Machine on tires with tire handler TH 49 (Metric)

Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)



# **Mining Specifications**

1 (fall - for all -	MHT-X 790 M
Lifting function	
Clamp predisposition (controls from cabin)	S
Comfort Ride Control (CRC) boom suspension	C
Working platform predisposition with remote control	S
Lighting	
Brake Lights ON When Park Brake ON	\$
Flat Led Rotating Beacon	5
LED Flashing Lights On Cabin (Marker Lights)	\$
LED tramming lights	
LED work lights - On the top of the boom (fixed part) (x2)	5
LED working lights on cab (x4 : 2 front + 2 rear)	
Motorization/Power	
Exhaust fume purification system	
Hydraulic hose sleeve burst protection	(
Radiator safety cap	
Operator station	
Roof and Windshield Guard	
Other options	
Battery + Starter Isolators + Jump Start Receptacle	
Pneumatics	· ·
Steel mudguards	0
Secondary functions	0
·	
Automatic greasing system (AGS) - Chassis + boom	0
Fast fuel filling system	0
Security	
'Guardian Angel" System Level 1	\$
360° visibility safety system	5
Boom cylinder lock	\$
Emergency steering	\$
Emergency stop by safety valve	(
Emergency stop: 1 in cab, 2 on external	5
Engine compartment fire prevention kit	C
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
MILES CHOCKS	3

# **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

 $\label{lem:fire suppression system} \label{fire suppression system}$ 

Hydraulic hose sleeve burst protection

Rear bumpe

Right side bumper

Steel mudguards





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