Technical sheet:

MHT-X 790 MINING ST3A

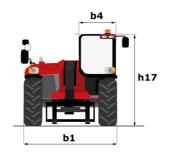


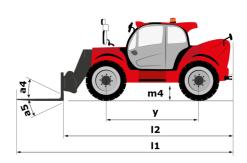


cities capacity center of gravity lifting height num outreach nt and dimensions len weight (with forks)	m4 y 12 b1 h17 b4	Metric 9000 kg 600 mm 6.80 m 3.70 m 13160 kg 0.44 m 2.87 m 5.21 m 2.47 m 2.50 m
center of gravity lifting height num outreach nt and dimensions len weight (with forks) d clearance	m4 y I2 b1 h17	600 mm 6.80 m 3.70 m 13160 kg 0.44 m 2.87 m 5.21 m 2.47 m
lifting height num outreach nt and dimensions len weight (with forks) d clearance	m4 y I2 b1 h17	6.80 m 3.70 m 13160 kg 0.44 m 2.87 m 5.21 m 2.47 m
num outreach nt and dimensions len weight (with forks) nd clearance	y l2 b1 h17	3.70 m 13160 kg 0.44 m 2.87 m 5.21 m 2.47 m
nt and dimensions len weight (with forks) nd clearance	y l2 b1 h17	13160 kg 0.44 m 2.87 m 5.21 m 2.47 m
len weight (with forks) Id clearance	y l2 b1 h17	0.44 m 2.87 m 5.21 m 2.47 m
d clearance	y l2 b1 h17	0.44 m 2.87 m 5.21 m 2.47 m
	y l2 b1 h17	2.87 m 5.21 m 2.47 m
	l2 b1 h17	5.21 m 2.47 m
Ibase	l2 b1 h17	2.47 m
h to face of forks	h17	
II width		2.50 m
II height		
Il cab width		0.93 m
o angle	a4	12 °
own angle	a5	125 °
nal tuming radius (over tyres)	Wa1	4.89 m
length / width / section	l/e/s	1200 mm x 200 mm x 60 mm
s	., ., .	1255 Hill X 200 Hill X 00 Hill
ard tires		445/65 R22,5
per of front wheels / rear wheels		2 / 2
ng wheels (front / rear)		2/2
wheels (front / rear)		2/2
ng mode		2 wheel steer, 4 wheel steer, Crab mode
e		2 Wheel Steel, 4 Wheel Steel, Clab Hode
e brand		Yanmar
e nom		Stage IIIA
		4TN107HT-5SMUF
e model		41N107H1-35MUF 4 - 4567 cm ³
er of cylinders / Capacity of cylinders		
ngine power rating / Power		143 Hp / 105 kW
torque / Engine rotation		602 Nm@1500 rpm Water
e cooling system		water 12 V
y voltage		
par pull		10905 daN
mission		
mission type		Hydrostatic
er of gears (forward / reverse)		2 / 2
travel speed		35 km/h
ng brake		Automatic negative parking brake
e brake		Oil-immersed multi-discs braking on front & rear axles
ulics		
ulic pump type		Variable displacement pump
ulic flow - Pressure		185 I/min - 270 bar
capacities		
e oil		13 l
ank		165 I
e and vibration		
e to environment (LwA)		103 dB
ion on hands/arms		< 2.50 m/s²
ellaneous		
y / Cab certification		Standard EN 15000 - Cabin ROPS - FOPS level 2
ols		JSM

MHT-X 790 Mining ST3A - Dimensional drawing

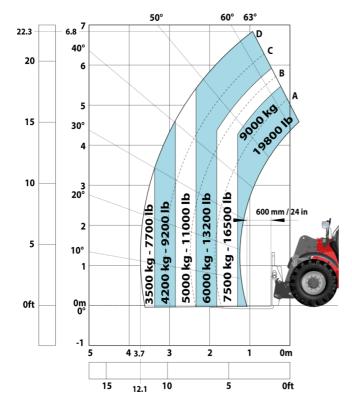




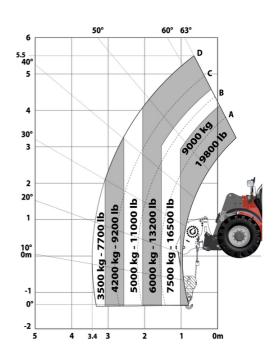


MHT-X 790 Mining ST3A - Load chart

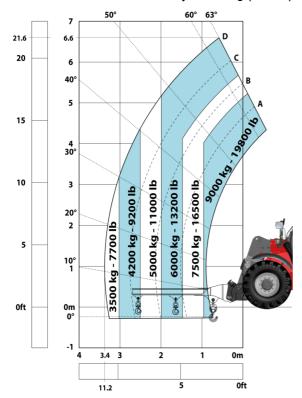
Machine on tires with forks LC 600 mm Metric



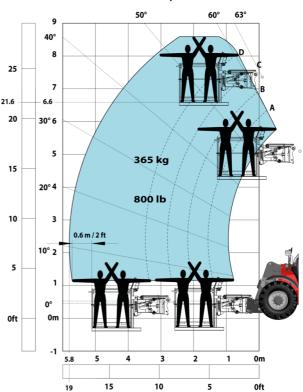
Machine on tires with winch 9000 kg (Metric)



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

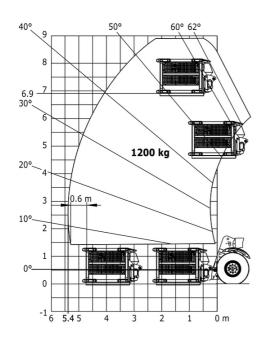


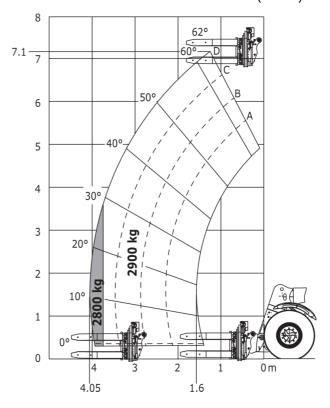
Machine on tires with platform Metric



Machine on tires with underground mining platform (Metric)

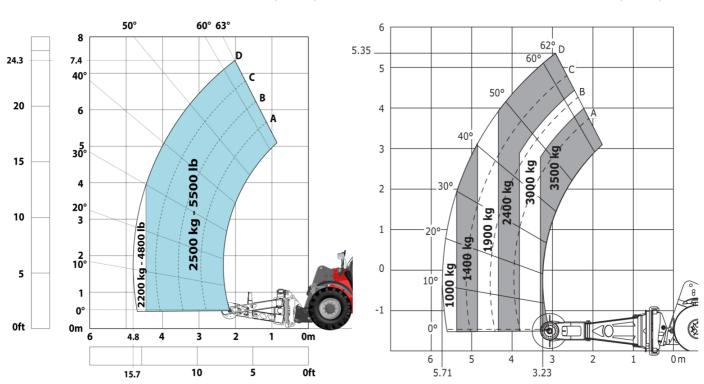
Machine on tires with tire handler TH 35 (Metric)



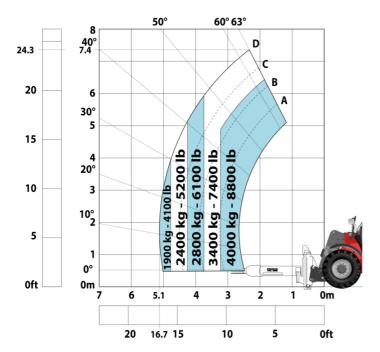


Machine on tires with tire handler TH 49 (Metric)

Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)



Mining Specifications

1 Mate - Connection
Lifting function
Clamp predisposition (controls from cabin)
Comfort Ride Control (CRC) boom suspension
Norking platform predisposition with remote control
ighting
Brake Lights ON When Park Brake ON
Flat Led Rotating Beacon
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)
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
Secondary functions
Automatic greasing system (AGS) - Chassis + boom
Fast fuel filling system
Security
Guardian Angel" System Level 1
360° visibility safety system
Boom cylinder lock
Emergency steering
Emergency stop by safety valve
Emergency stop: 1 in cab, 2 on external
Engine compartment fire prevention kit
Extinguisher brackets (x3)
- , ,
Fire suppression system
Fuse board protection - MHT's
High visibility reflective strips
Loose wheel nut indicators
Marking - Warning & Danger decals
Mining protection grids: right, left and back windows
Negative brakes on front & rear axles
Rear and lateral camera with cab screen
Rear bumper
Right side bumper
Steel Protection Guards on all working and road lights
System with attachments recognition (E-reco)
Wheel chocks

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 bumper

Right side bumper

Steel mudguards





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