Technical sheet:

MHT-X 790 MINING ST3A

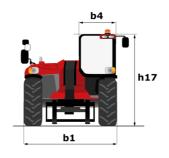


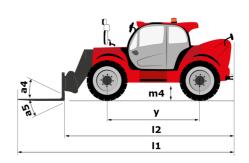


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Indiard tires Imber of front wheels / rear wheels Iering wheels (front / rear) Ive wheels (front / rear) Ive wheels (front / rear) Ive ring mode Igine Igine brand Igine norm Igine model Imber of cylinders / Capacity of cylinders I. Engine power rating / Power Ix. torque / Engine rotation Igine cooling system Itery voltage Iwbar pull	1200 11111 X 200 11111 X 00 11111
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gine model mber of cylinders / Capacity of cylinders Engine power rating / Power x. torque / Engine rotation gine cooling system tery voltage	
mber of cylinders / Capacity of cylinders Engine power rating / Power x. torque / Engine rotation gine cooling system tery voltage	Stage IIIA
Engine power rating / Power x. torque / Engine rotation gine cooling system tery voltage wbar pull	4TN107HT-5SMUF
x. torque / Engine rotation gine cooling system tery voltage wbar pull	4 - 4567 cm³
gine cooling system tery voltage whar pull	143 Hp / 105 kW
tery voltage where pull	602 Nm@1500 rpm
wbar pull	Water
·	12 V
nsmission	10905 daN
nsmission type	Hydrostatic
mber of gears (forward / reverse)	2 / 2
x. travel speed	35 km/h
king brake	Automatic negative parking brake
vice brake Oil-im	mersed multi-discs braking on front & rear axles
draulics	
draulic pump type	Variable displacement pump
draulic flow - Pressure	185 l/min - 270 bar
nk capacities	
gine oil	13 l
el tank	165 I
ise and vibration	
ise to environment (LwA)	103 dB
ration on hands/arms	< 2.50 m/s²
scellaneous	
	lard EN 15000 - Cabin ROPS - FOPS level 2
ntrols	Idiu EN 13000 - Cabili ROP3 - FOP3 level Z

MHT-X 790 Mining ST3A - Dimensional drawing

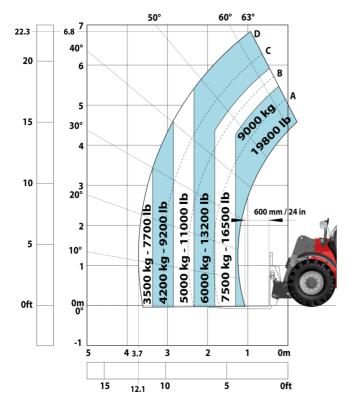




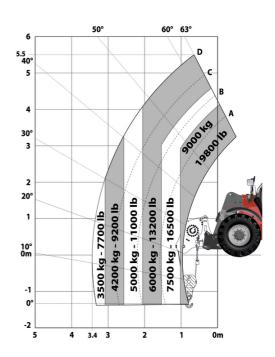


MHT-X 790 Mining ST3A - Load chart

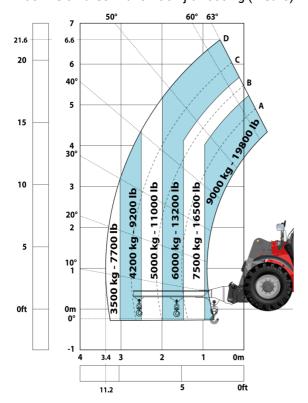
Machine on tires with forks LC 600 mm Metric



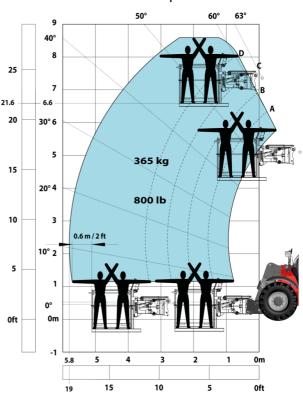
Machine on tires with winch 9000 kg (Metric)



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

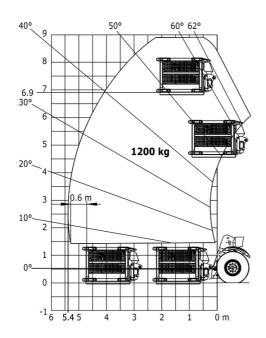


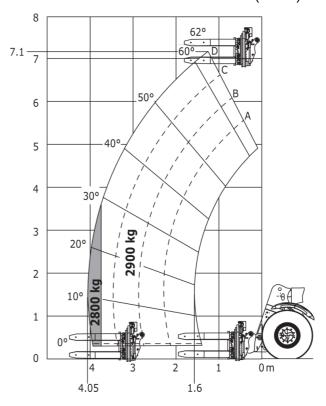
Machine on tires with platform Metric



Machine on tires with underground mining platform (Metric)

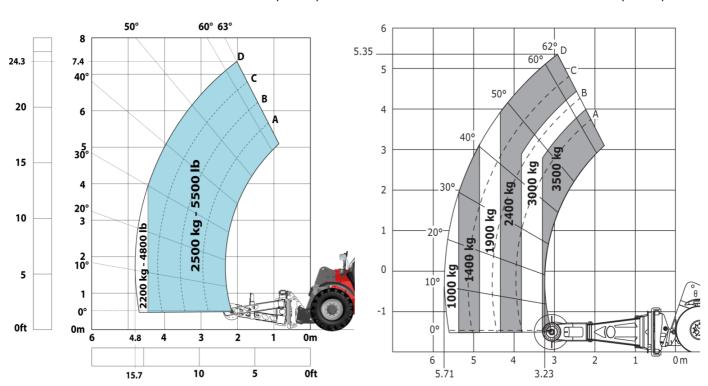
Machine on tires with tire handler TH 35 (Metric)



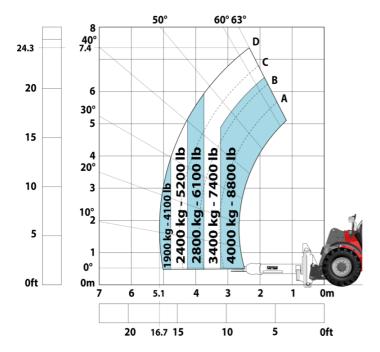


Machine on tires with tire handler TH 49 (Metric)

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

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

Hydraulic hose sleeve burst protection

. Rear bumpei

Right side bumper

Steel mudguards





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