Technical sheet:

# MHT-X 790 MINING ST3A

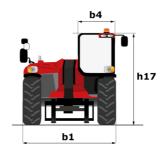


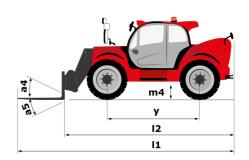


1000 kg   1000		мнт-х 790 mining sтза Created on September 13, 2025 at 5:2	5 PM U
calc center of gravity         c         6.00 mm           basinsmun mittensch         6.00 mm         6.00 mm           basinsmun mittensch         3.70 mm         6.00 mm           lichten der dimensions         13160 kg         13160 kg           midder mediatie         y         2.27 mm           midder seed forficks         12         5.27 mm           seeph to lace of forfick         12         5.27 mm           verall height         b1         2.27 mm           licey angle         s4         1.22 mm           stemal staming adulus (over yeas)         y8         4.89 mm           ske legeth / width // scellon         1 / e / s           licey angle         s4         1.22 mm           licey angle         s4         1.22 mm           licey angle         s5         1.25 mm           licey angle         s6         2.2 / 2           licey angle         s6         2.2 / 2           lice from the wells / reach / seed / reach / seed / seed / s	Capacities	Metric	
8.80 m	Max. capacity	9000 kg	
Sammunumbanch   Sammunumbanc	Load center of gravity	c 600 mm	
Sammunumbanch   Sammunumbanc	Max. lifting height	6.80 m	
	Maximum outreach	3.70 m	
1316 kg   1316	Weight and dimensions		
mont of clearance		13160 ka	
NeeDase   y   2.87 m	Ground clearance	•	
singth is face of foks         12         5.21 m           reveall width         b1         2.47 m           verall cled width         h17         2.50 m           verall cled width         b4         0.93 m           lite pangle         a4         112 °           lite down angle         a5         125 °           use treated harming radius (over tyres)         W31         4.88 m           usik sleaght / width / vection         l/ e / s         12.00 mm x 200 mm x 60 mm           heeted         445/55 R22,5         12.00 mm x 200 mm x 60 mm           umber of front wheels / rear wheels         2 / 2         2           tentering wheels (front / rear)         2 / 2         2           tentering wheels (front / rear)         2 / 2         2           tentering wheels (front / rear)         2 / 2         2 wheel steet, 4 wheel steet, Crab mode           unjude         4 / 4507 cm²         3           priphe brand         4 / 4507 cm²         4           unjude         4 / 4507 cm²         4           Sape III.A         4 / 10 / 10 / 10 / 10 / 10 / 10 / 10 / 1	Wheelbase		
weed lawfidh         b1         2.47 m           veerall fleight         h7         2.50 m           warril fab width         b4         0.33 m           litup angle         a4         12°           litudom angle         a5         128°           ited and particular and pa		,	
Near   New	Overall width		
Internation			
Ilit goangie			
Inflowm angle			
kremal turning adius (over tyres)         Wal         4.89 m           noks length / width / section         1 / e / s         1200 mm x 200 mm x 60 mm           heals         4.45/65 R22,5         1200 mm x 200 mm x 60 mm           tandad tiles         4.45/65 R22,5         2 / 2           teering wheels (front / rear)         2 / 2         2 / 2           teering wheels (front / rear)         2 / 2         2 / 2           teering mode         2 wheel steer, dwheel steer, frosh mode         2 wheel steer, frosh mode           nigher         3 Rape IIIA         4 NIN07HTSSMUF           nigher norm         5 Rape IIIA         4 NIN07HTSSMUF           nigher norm         5 Rape IIIA         4 NIN07HTSSMUF           nigher norm         662 Nmg/1505 Mm         4 4.456 cm²           0. Engine power rating / Power         662 Nmg/1505 Mm         4 4.456 cm²           0. Engine power rating / Power         662 Nmg/1505 Mm         4 4.456 cm²           0. Engine power rating / Power         662 Nmg/1505 Mm         4 4.456 cm²           0. Engine power rating / Power         662 Nmg/1505 Mm         4 4.456 cm²           0. Engine power rating / Power         662 Nmg/1505 Mm         4 4.456 cm²           0. Engine power rating / Power         2 / 2         2 / 2	. 3		
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Inacidant lines Inacidant lines Inacidant lines Inacidant lines Incident (Front / rear) Interes (Front / rear) Int			
tandard tires         445/65 R22,5           unber of front wheels / rear wheels         2 / 2           tending wheels (front / rear)         2 / 2           tending wheels (front / rear)         2 wheel steer, 4 wheel steer, Crab mode           ngine         7 yanmar           ngine mode         Yanmar           ngine model         4 TN107HTSSMUF           umber of cylinders / Capacity of cylinders         4 1450 cm²           E. Engine power alianja / Power         143 Hp / 105 kW           lax. torque / Engine rotation         602 Nm@1500 rpm           lax. torque / Engine rotation         602 Nm@1500 rpm           transmission flye         112 V           transmission flye         Hydrostatic           umber of gears (floward / reverse)         2 / 2           tax. travet speed         3 S km/h           arking brake         Automatic negative parking brake           evice brake         Oil-immersed multi-discs braking on front 8 re           sydealic pump type         Variable displacement pump           vydealic pump type         131 I           vydealic pump type         131 mile           vydealic flow - Pressure         131 mile           sic capacities         133 d           lipite on the flow of the total <t< td=""><td></td><td>1/ C / S 1/ C/ U 11111 X 200 11111 X 00 11111</td><td></td></t<>		1/ C / S 1/ C/ U 11111 X 200 11111 X 00 11111	
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2 / 2   2   2   2   2   2   2   2   2		·	
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rgine brand ngine nom ngine model grapher of cylinders / Capacity of cylinders C. Engine power rating / Power L. Engine power rating / Power Lax, torque / Engine rotation L. Engine power rating / Power Lax, torque / Engine rotation L. Engine power rating / Power Lax, torque / Engine rotation L. Engine power rating / Power Lax, torque / Engine rotation L. Engine power rating / Power Lax, torque / Engine rotation L. Engine L. Eng		2 Wileel Steel, 4 Wileel Steel, Clab	illoue
angine norm         Stage IIIA           angine model         4TNIO77HESANUF           umber of cylinders / Capacity of cylinders         4 - 4567 cm³           c. Engine power rating / Power         143 Hp / 105 KW           tax. torque / Engine rotation         602 Nm@1500 rpm           ngine cooling system         Water           startery voltage         12 V           rawbar pull         10905 daN           transmission         Hydrostatic           transmission type         4 Hydrostatic           transmission type         35 km/h           dax. travel speed         35 km/h           dax. travel speed         01-immersed multi-discs braking on front & re           evrice brake         01-immersed multi-discs braking on front & re           vydraulic flow - Pressure         185 l/min - 270 bar           ank capacities         165 l           oise to environment (LWA)         103 dB           oise to environment (LWA)         103 dB           dateution on hands/arms         4 2.50 m/s²           afetyl / Cab certification         5 standard EN 15000 - Cabin ROPS - FOPS level		Vannas	
uniper model         4TN107HTSSMUF           uniber of cylinders / Capacity of cylinders         4 - 4557 cm²           C. Engine power rating / Power         1131 Hy / 105 kW           tax. torque / Engine rotation         602 Nn@1500 rpm           negine cooling system         Water           attery voltage         12 V           transmission         10905 daN           transmission type         Hydrostatic           umber of gears (forward / reverse)         2 / 2           tax. travel speed         35 km/h           aking brake         Oli-immersed multi-discs braking on front & reakles           evice brake         Oli-immersed multi-discs braking on front & reakles           vydraulic         Variable displacement pump           vydraulic flow - Pressure         185 l/min - 270 bar           ank capacities         131           use tax         165 l           use tax         165 l           braining on in hunds/arms         < 2.50 m/s²	•		
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C. Engine power rating / Power       143 Hp / 105 kW         lax. torque / Engine rotation       602 Nm@1500 rpm         ngine cooling system       12 V         tratery voltage       120 Nate         ransmission       10905 daN         ransmission type       Hydrostatic         umber of gears (forward / reverse)       2 / 2         aak. tavel speed       35 km/h         arking brake       Automatic negative parking brake         envice brake       Oil-immersed multi-discs braking on front & reaxles         ydraulics       Variable displacement pump         ydraulic journey type       Variable displacement pump         ydraulic low - Pressure       185 /min - 270 bar         angine oil       13 I         uel tank       165 I         oise on wironment (LwA)       103 dB         biteation on hands/ams       < 2.50 m/s²	•		
dax. torque / Engine rotation         602 Nm@1500 rpm           ngine cooling system         Water           attery voltage         12 V           ransmission         10905 daN           ransmission type         Hydrostatic           umber of gears (forward / reverse)         2 / 2           atx. tavel speed         35 km/h           atx. tavel speed         Oil-immersed multi-discs braking brake           encice brake         Oil-immersed multi-discs braking on front & re axles           vydraulics         Variable displacement pump           vydraulic flow - Pressure         185 l/min - 270 bar           ank capacities         131           noise and vibration         155 l           oise to environment (LwA)         103 dB           direction on hands/arms         < 2.50 m/s²			
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12 V   1000	· -		
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transmission type         Hydrostatic           umber of gears (forward / reverse)         2 / 2           lax. travel speed         35 km/h           ark ing brake         Oil-immersed multi-discs braking brake           ervice brake         Oil-immersed multi-discs braking on front & re axles           ydraulics         Variable displacement pump           ydraulic flow - Pressure         185 l/min - 270 bar           ank capacities         13 l           uel tank         165 l           loise and vibration         103 dB           cibration on hands/arms         < 2.50 m/s²	· · · · · · · · · · · · · · · · · · ·	10905 dan	
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Automatic negative parking brake  price brak	· , , , ,		
ervice brake  ydraulics  ydraulic pump type  ydraulic flow - Pressure  ank capacities  ngine oil  uel tank  loise and vibration  oise to environment (LwA)  ibration on hands/arms  fiscellaneous  afety / Cab certification  Oil-immersed multi-discs braking on front & re axles  All sel military of pressure  185 l/min - 270 bar  185 l/min - 270 ba			
ydraulic yump type ydraulic pump type ydraulic flow - Pressure ank capacities ngine oil uel tank loise and vibration oise to environment (LwA) ibration on hands/arms liscellaneous afety / Cab certification  Standard EN 15000 - Cabin ROPS - FOPS level	Parking brake		
dydraulic pump type         Variable displacement pump           ydraulic flow - Pressure         185 l/min - 270 bar           ank capacities         13 l           uel tank         165 l           loise and vibration         60 see to environment (LwA)         103 dB           sibration on hands/arms         < 2.50 m/s²           tiscellaneous         Standard EN 15000 - Cabin ROPS - FOPS level	Service brake		ont & rear
ydraulic flow - Pressure         185 l/min - 270 bar           ank capacities         13 l           uel tank         165 l           toise and vibration         103 dB           oise to environment (LwA)         103 dB           ibration on hands/arms         < 2.50 m/s²	Hydraulics		
ydraulic flow - Pressure         185 l/min - 270 bar           ank capacities         13 l           uel tank         165 l           toise and vibration         103 dB           oise to environment (LwA)         103 dB           ibration on hands/arms         < 2.50 m/s²	Hydraulic pump type	Variable displacement pump	
Ingine oil         13 I           uel tank         165 I           loise and vibration         Image: Company of the company of t	Hydraulic flow - Pressure		
Ingine oil         13 I           uel tank         165 I           loise and vibration         Image: Company of the company of t	Tank capacities		
uel tank 165 I loise and vibration loise to environment (LwA) ibration on hands/arms 103 dB iscellaneous afety / Cab certification Standard EN 15000 - Cabin ROPS - FOPS level	Engine oil	13	
loise and vibration         103 dB           loise to environment (LwA)         \$ 2.50 m/s²           libration on hands/arms         < 2.50 m/s²	Fuel tank		
ibration on hands/arms  103 dB  < 2.50 m/s²  liscellaneous  afety / Cab certification  Standard EN 15000 - Cabin ROPS - FOPS level	Noise and vibration		
ibration on hands/arms  < 2.50 m/s²  liscellaneous afety / Cab certification  Standard EN 15000 - Cabin ROPS - FOPS level	Noise to environment (LwA)	103 dB	
discellaneous afety / Cab certification Standard EN 15000 - Cabin ROPS - FOPS level	Vibration on hands/arms		
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·		Standard EN 15000 - Cahin ROPS - FOR	PS level 2
	Controls		

## MHT-X 790 Mining ST3A - Dimensional drawing

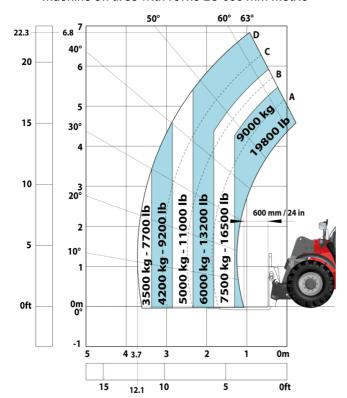




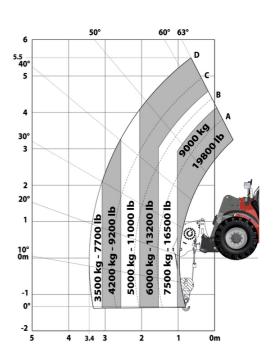


## MHT-X 790 Mining ST3A - Load chart

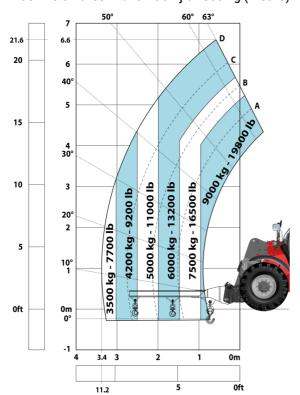
### Machine on tires with forks LC 600 mm Metric



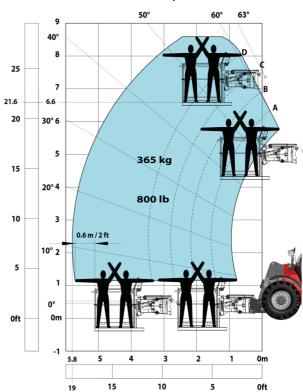
### Machine on tires with winch 9000 kg (Metric)



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

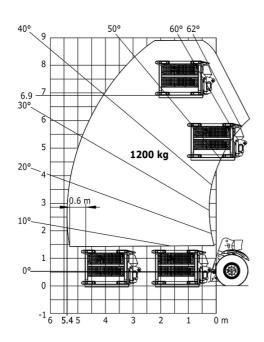


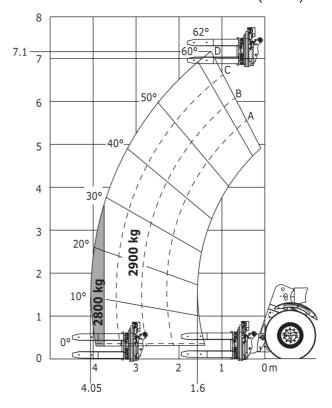
### Machine on tires with platform Metric



Machine on tires with underground mining platform (Metric)

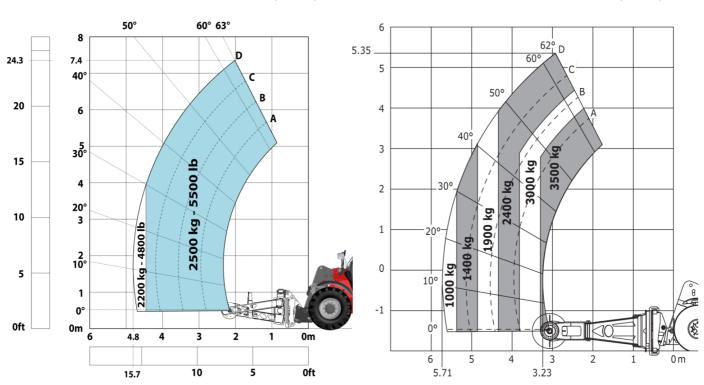
Machine on tires with tire handler TH 35 (Metric)



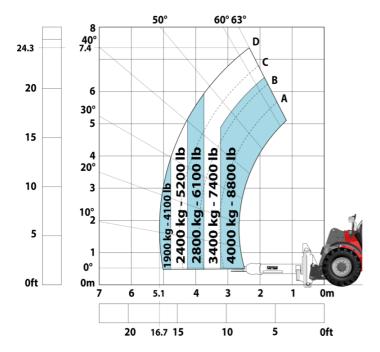


Machine on tires with tire handler TH 49 (Metric)

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





#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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