Technical sheet :

## MT-X 733 MINING





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Engine         Engine nom         Pekins           Engine nom         Stage IIIA         Stage IIIA           Engine nom         11040-44 T         Stage IIIA           Number of cylinders (Capacity dylinders         4 - 4400 cm <sup>-1</sup> C.           C. Engine power rating - Power         395 Hp / 70 kW         392 Nm @ 1400 rpm           Drewbars pull (Laden)         392 Nm @ 1400 rpm         392 Nm @ 1400 rpm           Drewbars pull (Laden)         392 Nm @ 1400 rpm         392 Nm @ 1400 rpm           Drewbars pull (Laden)         392 Nm @ 1400 rpm         392 Nm @ 1400 rpm           Drewbars pull (Laden)         392 Nm @ 1400 rpm         392 Nm @ 1400 rpm           Drewbars pull (Laden)         392 Nm @ 1400 rpm         392 Nm @ 1400 rpm           Tansmission type         Torque converter         392 Nm @ 1400 rpm           Max. travel speed (now ary ava according to applicable regulations)         315 km/h         315 km/h           Parking brake         Oil-Immersed multi-discs braking on front & rear avalles         316 Mm/h           Hydraulic fow / Presure         104 Immersed multi-discs braking on front & rear avalles         104 Immersed multi-discs braking on front & rear avalles           Hydraulic four / Presure         104 Immersed multi-discs braking on front & rear avalles         104 Immersed multi-discs braking on front & rear avalles     <		
Engine band       Pekins         Engine nom       Stage IIIA         Engine nom       Stage IIIA         Engine nom       11040-4A T         Number of cylinders / Capacity of cylinders       4.4400 cm <sup>3</sup> LC. Engine nover       39 km (2000 cm)         Max. toruer / Engine rotation       98 km (2000 cm)         Drawbar pull (taden)       9000 daN         Transmission Supp       9000 daN         Number of gears (forward / reverse)       3/3         Nax. tavel speed       3/3         Max. tavel speed (forward verse)       3/3         Nax. tavel speed (forward / reverse)       3/3         Service brake       15 km/h         Paking brake       15 km/h         Max. tavel speed (forward verse)       15 km/h         Service brake       16 Manual         Service brake       10 Manual         Service brake       10 Manual         Hydraulic Durp Proserver       104 V/min 250 bar         Tenk segables       104 V/min 250 bar         Engine oil       10 1         Hydraulic oil       128 I         Noise ad wing position (LpA)       128 I         Noise ad wing position (LpA)       78 dB         Noise ad wing position (LpA)	Dump	2.80 s
Engine nom       Stage IIIA         Engine nomedel       I1040-44 T         Number of ylinders / Capacity of ylindens       4.4 400 cm <sup>2</sup> LC. Engine power rating - Power       95 Hp / 70 kW         Max. torque / Engine rotation       932 Nm @ 1400 rgm         Tansmission type       9000 daN         Tansmission type       30 3 Xm @ 1400 rgm         Number of ylinder viewers)       3 / 3         Max. torque speed (mary vary according to applicable regulations)       3 / 3         Max. tarvel speed (mary vary according to applicable regulations)       15 km/h         Service brake       15 km/h         Hydraulic flow / Pressure       15 km/h         Tank capacities       16 Gear pump         Hydraulic off       10 I         Hydraulic off       10 I         Hydraulic off       12 I         Noise at driving position (LpA)       10 I         Noise at driving position (LpA)       10 I         Noise at driving position (LpA)       10 A B         Noise at driving position (LpA)	Engine	
Engine model       11040-44 T         Number of cylinders / Capacity of cylinders       4.400 cm <sup>3</sup> D.E. Engine power rating - Power       95 bpt / 70 kW         Max. torque / Engine rotation       900 dat         Drawbar pull (Laden)       900 dat         Transmission type       900 dat         Transmission type       70 que converter         Number of gars (forward / reverse)       3/3         Max. tavel speed (may vay according to applicable regulations)       15 km/h         Max. tavel speed (may vay according to applicable regulations)       15 km/h         Service brake       01-11 meresed multi-discond on off to the ergulation of the ergulatio	Engine brand	Perkins
Number of cylinders / Capacity of cylinders4 - 4400 cm³1C. Engine power rating - Power95 kp / 70 kWMax. torque / Engine rotation332 km @ 1400 pmDrewbar pull (Laden)900 dalTransmission10Transmission type10Number of gears (forward / reverse)3/3Max. travel speed (may var according to applicable regulations)10Parking brack10Service brack15 km/hService brack15 km/hHydraulic pump type10Hydraulic forward / reverse)104 /min-250 barHydraulic forward / reverse)104 /min-250 barService brack104 /min-250 barHydraulic forward / reverse)104 /min-250 barHydraulic forw / Persure104 /min-250 barHydraulic forw / Persure101Hydraulic forw / Persure128 iEngine oil101Hydraulic oil (LaAn)120 iNoise at driving position (LpA)101Noise at driving position (LpA)104 dBNoise at driving form for Real104 dBNoise at driving position (LpA)104 dBNoise at driving formation104 dBNoise at driving position (LpA)104 dBNoise at driving position (LpA)2/2Mactelineauci2/2Noise to environment (LwA)2/2Noise to environment (LwA)2/2Noise to environment (LwA)2/2Noise to environment (LoA)2/2Noise to environment (LoCA)2/2Noise to environment (LwA	Engine norm	Stage IIIA
LC. Engine power rating - Power       95 Hp / 70 kW         Max. torque / Engine rotation       322 Nm @ 1400 rpm         Drawbar pull (Laden)       9000 daN         Transmission type       9000 daN         Transmission type       3 / 3         Number of gears (forward / reverse)       3 / 3         Max. travel speed (may vay according to applicable regulations)       31 km /h         Parking brake       01-immersed multi-discs braking on front & rear ax les         Hydraulic four / Pressure       01-immersed multi-discs braking on front & rear ax les         Hydraulic our / Pressure       104 /min-250 bar         Finge iail       101         Hydraulic our / Pressure       102 I         Tank capacities       102 I         Engine oil       101         Hydraulic our / Pressure       102 I         Noise and wibration       128 I         Noise and wibration       78 dB         Noise to environment (LwA)       78 dB         Noise to environment (LwA)       2.50 m/s <sup>3</sup> Steering wheels (front / rear)       2 / 2         Dive wheels (front / rear)       2 / 2         Steering wheels (front / rear)       2 / 2         Steering wheels (front / rear)       2 / 2         Dive wheels (front / rea	Engine model	1104D-44 T
Max. torque / Engine rotation392 Nm @ 1400 pmDrawbar pull (Laden)Image (1900 da N)TransmissionImage (1900 da N)Number of gears (forward / reverse)Image (1900 da N)Number of gears (forward / reverse)Image (1900 da N)Number of gears (forward / reverse)Image (1900 da N)Nax. travel speed (may ava cording to applicable regulations)Image (1900 da N)Parking brakeImage (1900 da N)Service brakeImage (1900 da N)Hydraulic forw / PersureImage (1900 da N)Hydraulic forw / Persu	Number of cylinders / Capacity of cylinders	4 - 4400 cm <sup>3</sup>
Drawbar pull (Laden)       900 daN         Transmission       900 daN         Transmission type       3/3         Transmission type (now ard / reverse)       3/3         Max. travel speed (may vary according to applicable regulations)       1         Parking brake       15 km/h         Service brake       3/3         Hydraulic Journe to the speed (may vary according to applicable regulations)       1         Parking brake       01Himmersed multificiases braking on front & rear axiles         Hydraulic Journe to the speed (may vary Decording to applicable regulations)       1         Parking brake       01Himmersed multificiases braking on front & rear axiles         Hydraulic Journe to the speed (may vary Decording to applicable regulations)       101         Hydraulic Journe to the speed (may vary according to the speed multificiases braking on front & rear axiles       101         Hydraulic Journe to the speed (may vary Decording to the speed multificiases braking on front & rear axiles       104 //min-250 bar         Hydraulic Journe to the speed (may Pressure       101 //min-250 bar       101 //min-250 bar         Tank CapableBe       101 //min-250 bar       102 //min-250 bar         Fuel tank       101 //min-250 bar       102 //min-250 bar         Noise and thiving position (LpA)       7       78 dB         Noise and thivi	I.C. Engine power rating - Power	95 Hp / 70 kW
Transmission       Image: Signed	Max. torque / Engine rotation	392 Nm @ 1400 rpm
Transmission type       Torque converter         Number of gears (forward / reverse)       3 / 3         Max. travel speed       15 km/h         Max. travel speed (may vary according to applicable regulations)       15 km/h         Parking brak       Manual         Barking brak       Manual         Service brake       01-immersed multi-discs braking on front & rear axles         Hydraulic pump type       6         Hydraulic flow / Pressure       104 //min-250 bar         Tank capacities       104 //min-250 bar         Engine oil       101         Hydraulic oil       101         Hydraulic oil       101         Noise and vibration       101         Noise and vibration       101         Noise and vibration       102         Noise and vibration       103         Noise to environment (LwA)       104 dB         Vibration on hands/arms       2/2         Steering wheels (front / rear)       2/2         Steering wheels (front / rear)       2/2         Steering wheels (front / rear)       2/2	Drawbar pull (Laden)	9000 daN
Number of gears (forward / reverse)       3 / 3         Max. travel speed       15 km/h         Max. travel speed (may vary according to applicable regulations)       15 km/h         Parking brake       01-immersed multi-discs braking on front & rear axles         Service brake       01-immersed multi-discs braking on front & rear axles         Hydraulic now / Pressure       01-immersed multi-discs braking on front & rear axles         Hydraulic now / Pressure       104 l/min-250 bar         Tank capacities       104 l/min-250 bar         Engine oil       101         Hydraulic oil       101         Noise at driving position (LpA)       101         Noise to environment (LwA)       78 dB         Vibration       104 dB         Steering wheels (front / rear)       2 / 2         Dive wheels (front / rear)       2 / 2         Steering wheels (front / rear)       2 / 2	Transmission	
Max. travel speed       15 km/h         Max. travel speed (may vary according to applicable regulations)       15 km/h         Parking brake       01-immersed multi-discs braking on front & rear axles         Service brake       01-immersed multi-discs braking on front & rear axles         Hydraulics       6 Gear pump         Hydraulic flow / Pressure       104 //min-250 bar         Tank capacities       101 //min-250 bar         Engine oil       101 //min-250 bar         Hydraulic oil       102 //min-250 bar         Purduatic oil       102 //min-250 bar         Noise and vibration       101         Noise and vibration       78 dB         Noise to environment (LwA)       78 dB         Vibration on hands/arms       2.50 m/s²         Miscellaneous       2.50 m/s²         Steering wheels (front / rear)       2./2         Drive wheels (front / rear)       2./2         Steering wheels (front / rear)       2./2      2./2 <td>Transmission type</td> <td>Torque converter</td>	Transmission type	Torque converter
Max. travel speed (may vary according to applicable regulations)       15 km/h         Parking brake       Manual         Service brake       III-Immersed multi-discs braking on front & rear axles         Hydraulics       Gear pump         Hydraulic pump type       6         Hydraulic flow / Pressure       104 //min-250 bar         Tank capacities       101 //min-250 bar         Engine oil       101 //min-250 bar         Hydraulic oil       101 //min-250 bar         Fuel tank       101 //min-250 bar         Noise and triving position (LpA)       128 l         Noise at driving position (LpA)       120 l         Noise to environment (LwA)       78 dB         Vibration       3       78 dB         Niscellaneous       2,250 m/s²         Steering wheels (front / rear)       2/2       2/2         Driv wheels (front / rear)       2/2       2/2         Stering wheels (front / rear)       2/2       2/2	Number of gears (forward / reverse)	3 / 3
Parking brake       Manual         Service brake       Oil-immersed multi-discs braking on front & rear axles         Hydraulics       Gear pump         Hydraulic flow / Pressure       104 //min-250 bar         Tank capacities       104 //min-250 bar         Engine oil       101         Hydraulic oil       101         Fuel tank       101         Noise and vibration       128 l         Noise to environment (LwA)       78 dB         Vibration on hands/arms       <	Max. travel speed	15 km/h
Parking brake       Manual         Service brake       Oil-immersed multi-discs braking on front & rear axles         Hydraulics       Gear pump         Hydraulic pump type       Gear pump         Hydraulic pump type       104 l/min-250 bar         Tank capacities       101         Engine oil       101         Hydraulic oil       128 l         Fuel tank       120 l         Noise and vibration       78 dB         Noise to environment (LWA)       104 dB         Vibration on hands/arms       2,250 m/s <sup>2</sup> Miscellaneous       2/2         Steering wheels (front / rear)       2/2	Max. travel speed (may vary according to applicable regulations)	15 km/h
Service brake       Oil-immersed multi-discs braking on front & rear axles         Hydraulics       Oil-immersed multi-discs braking on front & rear axles         Hydraulic pump type       Gear pump         Hydraulic flow / Pressure       104 //min-250 bar         Tank capacities       104 //min-250 bar         Engine oil       101         Hydraulic oil       101         Fuel tank       102         Noise and vibration       103         Noise and vibration       104         Noise to environment (LwA)       104 dB         Vibration on hands/arms       2.50 m/s²         Miscellaneous       2.2.50 m/s²         Drive wheels (front / rear)       2./2         Drive wheels (front / rear)       2./2         Safety / Cab certification       Standard EN 15000 / Cabin ROPS - FOPS level 2		Manual
Hydraulics       axles         Hydraulic pump type       Gear pump         Hydraulic flow / Pressure       104 //min-250 bar         Tank capacities       104 //min-250 bar         Engine oil       101         Hydraulic oil       101         Hydraulic oil       103         Fuel tank       128 l         Noise and vibration       128 l         Noise ot diving position (LpA)       78 dB         Vibration on hands/arms       104 dB         Steering wheels (front / rear)       2 / 2         Drive wheels (front / rear)       2 / 2         Steefung Content (Lexa)       2 / 2         Steefung Content (Lexa)       2 / 2         Steefung wheels (front / rear)       2 / 2         Steefung Content (Lexa)       2 / 2         Steefung wheels (front / rear)       Steefung Wheels (Front / rear)		
Hydraulic pump typeGear pumpHydraulic flow / Pressure104 I/min-250 barTank capacities101Engine oil10Hydraulic oil10Fuel tank10Noise and vibration10Noise and vibration (LpA)10Noise to environment (LwA)10Vibration on hands/arms104 dBSteering wheels (front / rear)104 dBSteering wheels (front / rear)2Safety / Cab certification2Safety / Cab certification5Standard EN 15000 / Cabin ROPS - FOPS Level 2	Service brake	
Hydraulic flow / Pressure       104 I/min-250 bar         Tank capacities       104 I/min-250 bar         Engine oil       101         Hydraulic oil       1128 I         Fuel tank       120 I         Noise and vibration       102         Noise and vibration       104 dB         Vibration on hands/arms       104 dB         Vibration on hands/arms       104 dB         Steering wheels (front / rear)       2 / 2         Drive wheels (front / rear)       2 / 2         Standard EN 15000 / Cabin ROPS - FOPS level 2       1500 / Cabin ROPS - FOPS level 2	Hydraulics	
Tank capacitiesImage: Constraint of the section of the s	Hydraulic pump type	Gear pump
Engine oil10 lHydraulic oil128 lFuel tank120 lNoise and vibration10Noise and vibration (LpA)10Noise to environment (LwA)104 dBVibration on hands/arms104 dBMiscellaneous104 dBSteering wheels (front / rear)10Drive wheels (front / rear)2Safety / Cab certification15000 / Cabin ROPS - FOPS Level 2	Hydraulic flow / Pressure	104 l/min-250 bar
Engine oil10 lHydraulic oil128 lFuel tank120 lNoise and vibration10Noise and vibration (LpA)10Noise to environment (LwA)104 dBVibration on hands/arms104 dBMiscellaneous104 dBSteering wheels (front / rear)10Drive wheels (front / rear)2Safety / Cab certification15000 / Cabin ROPS - FOPS Level 2	Tank capacities	
Hydraulic oil128 lFuel tank120 lNoise and vibration100 lNoise and vibration (LpA)100 d BNoise to environment (LwA)100 d BVibration on hands/arms100 d BMiscellaneous100 d BSteering wheels (front / rear)2Drive wheels (front / rear)2 / 2Safety / Cab certificationStandard EN 15000 / Cabin ROPS - FOPS level 2	Engine oil	101
Fuel tank       120 I         Noise and vibration       2         Noise and vibration       78 dB         Noise at driving position (LpA)       104 dB         Vibration on hands/arms       2         Miscellaneous       2         Steering wheels (front / rear)       2         Drive wheels (front / rear)       2 / 2         Safety / Cab certification       5tandard EN 15000 / Cabin ROPS - FOPS level 2	Hydraulic oil	
Noise and vibration     Image: Constraint of the sector of t	Fuel tank	
Noise at driving position (LpA)     78 dB       Noise to environment (LwA)     104 dB       Vibration on hands/arms     < 2.50 m/s²	Noise and vibration	
Noise to environment (LwA)     104 dB       Vibration on hands/arms     < 2.50 m/s²	Noise at driving position (LpA)	78 dB
Vibration on hands/arms     < 2.50 m/s²		
Miscellaneous     Cabic certification       Steering wheels (front / rear)     2 / 2       Drive wheels (front / rear)     2 / 2       Safety / Cab certification     Standard EN 15000 / Cabin ROPS - FOPS level 2	. ,	
Steering wheels (front / rear)     2 / 2       Drive wheels (front / rear)     2 / 2       Safety / Cab certification     Standard EN 15000 / Cabin ROPS - FOPS level 2		
Drive wheels (front / rear)     2 / 2       Safety / Cab certification     Standard EN 15000 / Cabin ROPS - FOPS level 2		2/2
Safety / Cab certification Standard EN 15000 / Cabin ROPS - FOPS level 2	,	
	Controls	Standard EN 150007 Cabin Rors - FOPS level 2

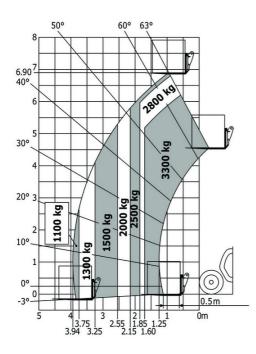
## **Options / Finishing**

S : Standard / O : Optional / - : Not available

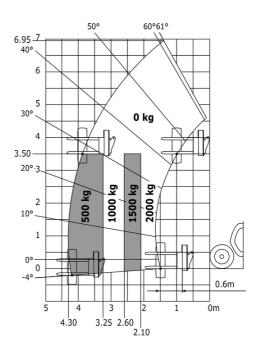
	Standard
ifting function	
lamp predisposition (controls from cabin)	0
lotorization/Power	
entralized greasing points	
haust fume purification system	S
ydraulic hose sleeve burst protection	S
etal cyclonic prefilter	S
adiator safety cap	S
Secondary functions	
utomatic greasing system (AGS) - Chassis + boom	0
ighting	
rake Lights ON When Park Brake ON	S
lat Led Rotating Beacon	S
ED Flashing Lights On Cabin (Marker Lights)	S
ED tramming lights	S
.ED working lights on cab (x4 : 2 front + 2 rear)	S
.ED work lights - On the top of the boom (fixed part) (x2)	S
Security	
Guardian Angel" System Level 1	S
udio warning on reverse movements (lynx noise)	S
oom cylinder lock	S
nergency stop: 1 in cab, 2 on external	S
re extinguisher	S
re suppression system	0
use board protection - MT's	S
igh visibility reflective strips	S
pose wheel nut indicators	S
farking - Warning & Danger decals	S
lining protection grids: right, left and back windows	S
Vegative brakes on front & rear axles	S
Rear and lateral camera with cab screen	S
/heel chocks	S
/indshield protection grid	S
ther options	
Battery + Starter Isolators + Jump Start Receptacle	S

## MT-X 733 Mining - Load chart

Machine on tires with forks Metric



Machine on tires with tire handler TH 33 (Metric)



## **Mining Specifications**

	MT-X 733 Mining
Lifting function	
Clamp predisposition (controls from cabin)	0
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	S
Metal cyclonic prefilter	S
Radiator safety cap	S
Other options	
Battery + Starter Isolators + Jump Start Receptacle	S
Secondary functions	
Automatic greasing system (AGS) - Chassis + boom	0
Security	
"Guardian Angel" System Level 1	S
Audio warning on reverse movements (lynx noise)	S
Boom cylinder lock	S
Emergency stop: 1 in cab, 2 on external	S
Fire extinguisher	S
Fire suppression system	0
Fuse board protection - MT'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
Wheel chocks	S
Windshield protection grid	S



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