Technical sheet:

MT-X 1033 MINING

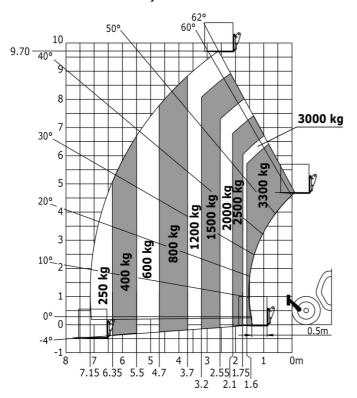




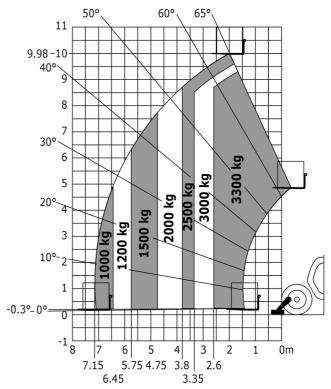
	MT-X 1033 MINING Created on 20 May 2024 at 3:5/:55 PM 0
Capacities	Metric
Max. capacity	3300 kg
Max. lifting height	9.98 m
Max. outreach	7.15 m
Breakout force with bucket	5330 daN
Weight and dimensions	
Overall length to carriage	l11 4.93 m
Length to face of forks	l2 4.93 m
Overall width	b1 2.25 m
Overall height	h17 2.30 m
Wheelbase	y 2.69 m
Ground clearance	m4 0.44 m
Overall cab width	b4 0.89 m
Tilt-up angle	a4 12 °
Tilt-down angle	a5 114°
External turning radius (over tyres)	Wa1 3.66 m
Unladen weight (with forks)	7745 kg
Overall weight	7745 kg
Tires type	7745 kg Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 125 mm / 45 mm
	1/ e / s 1200 min x 125 min / 45 min
Performances	(70.
Lifting	6.70 s
Lowering	5.40 s
Extension	13.60 s
Retraction	8.70 s
Crowd	2.70 s
Dump	2.30 s
Engine	
Engine brand	Perkins
Engine model	1104D-44 TA
Number of cylinders / Capacity of cylinders	4 - 4400 cm ³
I.C. Engine power rating - Power	101 Hp / 74.50 kW
Max. torque / Engine rotation	410 Nm @ 1400 rpm
Drawbar pull (Laden)	9100 daN
Transmission	
Transmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
Max. travel speed	27 km/h
Parking brake	Manual
Service brake	Oil-immersed multi-discs on front & rear axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	106 l/min-250 bar
Tank capacities	
Engine oil	11
Hydraulic oil	128
Fuel tank	120
Noise and vibration	
Noise at driving position (LpA)	76 dB
Noise to environment (LwA)	104 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	- 2.00 m/s
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Safety cab homologation	
Sarety / Sarety Cab Holliologation	Standard EN 15000 / ROPS - FOPS level 2 cab JSM

MT-X 1033 Mining - Load chart

Machine on tyres with forks Metric

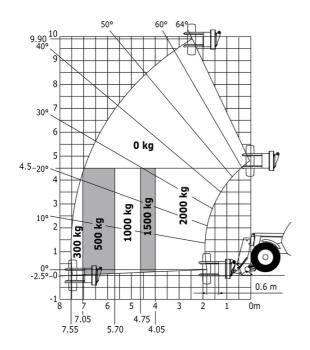


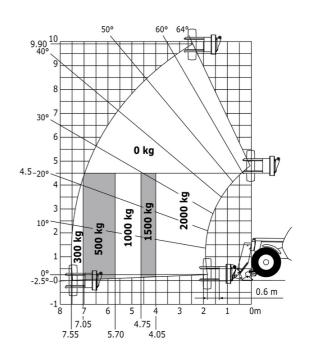
Machine on lowered stabilisers with forks Metric



Machine on tyres with tyre handler TH 33 (Metric)

Machine on lowered stabilisers with tyre handler TH 33 (Metric)





Mining Specifications

Lifting function Clamp predisposition (controls from cabin) Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon LED Flashing Lights On Cabin (Marker Lights) LED work lights on the boom (x2) LED working lights on tab (x4 : 2 front + 2 rear) Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Metal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom OSecurity "Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system Fire suppression system Fire suppression system Under the control of the control		MT-X 1033 Mining
Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon S LED Flashing Lights On Cabin (Marker Lights) S LED tramming lights S LED work lights on the boom (x2) S LED working lights on cab (x4:2 front + 2 rear) S Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection S Metal cyclonic prefilter S Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom O Security "Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) S Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system Fire suppression system Fire board protection - MT'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 Wheel chocks	Lifting function	
Brake Lights ON When Park Brake ON Flat Led Rotating Beacon S LED Flashing Lights On Cabin (Marker Lights) S LED tramming lights S LED work lights on the boom (x2) S LED working lights on cab (x4:2 front + 2 rear) S Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection S Metal cyclonic prefilter S Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom O Security "Guardian Angel" System Level 1 S Audio warning on reverse movements (lynx noise) Soom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fuse board protection - MT'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 Wheel chocks	Clamp predisposition (controls from cabin)	0
Flat Led Rotating Beacon LED Flashing Lights On Cabin (Marker Lights) LED tramming lights S LED work lights on the boom (x2) LED working lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system S Hydraulic hose sleeve burst protection Metal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 Audio waming on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system Fuse board protection - MT's High visibility reflective strips Loose wheel nut indicators Marking - Waming & Danger decals Mining protection grids: right, left and back windows Negative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks	Lighting	
LED Flashing Lights On Cabin (Marker Lights) LED tramming lights LED work lights on the boom (x2) LED working lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Metal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Semergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system Fuse board protection - MT'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 Wheel chocks	Brake Lights ON When Park Brake ON	S
LED tramming lights LED work lights on the boom (x2) LED working lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system Shydraulic hose sleeve burst protection Metal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system Fuse board protection - MT'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 Wheel chocks	Flat Led Rotating Beacon	S
LED work lights on the boom (x2) LED working lights on cab (x4 : 2 front + 2 rear) Motorization/Power Exhaust fume purification system Shydraulic hose sleeve burst protection Metal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Semergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system Fuse board protection - MT'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 Wheel chocks	LED Flashing Lights On Cabin (Marker Lights)	S
LED working lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Sequification safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 Audio waming on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire extinguisher Fire suppression system Fuse board protection - MT's High visibility reflective strips Loose wheel nut indicators Marking - Waming & Danger decals Mining protection grids: right, left and back windows Negative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks	LED tramming lights	S
Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection S Metal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire extinguisher Fire suppression system Fuse board protection - MT'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 Wheel chocks	LED work lights on the boom (x2)	\$
Exhaust fume purification system Hydraulic hose sleeve burst protection S Metal cyclonic prefilter Radiator safety cap S Other options Battery + Starter Isolators + Jump Start Receptacle S Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 S Audio warning on reverse movements (lynx noise) S Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system Fuse board protection - MT'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 Wheel chocks	LED working lights on cab (x4 : 2 front + 2 rear)	S
Hydraulic hose sleeve burst protection Metal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Guardian Angel* System Level 1 Substituting the system Level 2 Substituting the system Level 3 Substituting the system Level 3 Substituting the system 1 Substituting the system 1 Substituting the system 2 Substituting the system 3 Substituting the system 4 Substituting the system 3 Substituting the system 4 Substituting the system	Motorization/Power	
Metal cyclonic prefilter Radiator safety cap S Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom O Security "Guardian Angel" System Level 1 S Audio warning on reverse movements (lynx noise) Soom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fires uppression system U 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 Wheel chocks	Exhaust fume purification system	S
Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom O Security "Guardian Angel" System Level 1 Substituting Audio warning on reverse movements (Iynx noise) Substituting Substitution Substituting S	Hydraulic hose sleeve burst protection	S
Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom O Security "Guardian Angel" System Level 1 Substantial Audio warning on reverse movements (Iynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire extinguisher Fire suppression system O Fuse board protection - MT'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 Wheel chocks	Metal cyclonic prefilter	S
Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Guardian Angel" System Level 1 Audio waming on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fuse board protection - MT's High visibility reflective strips Loose wheel nut indicators Marking - Waming & Danger decals Mining protection grids: right, left and back windows Negative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks	Radiator safety cap	S
Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fuse board protection - MT'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 Wheel chocks	Other options	
Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fuse board protection - MT'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 Wheel chocks	Battery + Starter Isolators + Jump Start Receptacle	S
Security "Guardian Angel" System Level 1 Audio waming on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fuse board protection - MT's High visibility reflective strips Loose wheel nut indicators Marking - Waming & Danger decals Mining protection grids: right, left and back windows Negative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks	Secondary functions	
"Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fuse board protection - MT'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 Wheel chocks	Automatic Greasing System (AGS) - chassis + boom	0
Audio waming on reverse movements (lynx noise) Boom cylinder lock Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fuse board protection - MT'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 Wheel chocks	Security	
Boom cylinder lock Emergency stop: 1 in cab, 2 on external S Fire extinguisher S Fire suppression system O Fuse board protection - MT's High visibility reflective strips S 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 Wheel chocks S S	"Guardian Angel" System Level 1	S
Emergency stop: 1 in cab, 2 on external Fire extinguisher Fire suppression system O Fuse board protection - MT'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 Wheel chocks	Audio warning on reverse movements (lynx noise)	S
Fire extinguisher Fire suppression system Fuse board protection - MT'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 Wheel chocks	Boom cylinder lock	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	Emergency stop: 1 in cab, 2 on external	S
Fuse board protection - MT'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 Wheel chocks	Fire extinguisher	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 Wheel chocks	Fire suppression system	0
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 Wheel chocks S	Fuse board protection - MT's	S
Marking - Warning & Danger decals Mining protection grids: right, left and back windows S Negative brakes on front & rear axles Rear and lateral camera with cab screen S Wheel chocks	High visibility reflective strips	S
Mining protection grids: right, left and back windows Negative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks S	Loose wheel nut indicators	S
Negative brakes on front & rear axles S Rear and lateral camera with cab screen S Wheel chocks S	Marking - Warning & Danger decals	S
Rear and lateral camera with cab screen S Wheel chocks S	Mining protection grids: right, left and back windows	S
Wheel chocks S	Negative brakes on front & rear axles	S
-	Rear and lateral camera with cab screen	S
Windshield protection grid S	Wheel chocks	S
	Windshield protection grid	S





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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes