Technical sheet :

MT-X 1033 A MINING



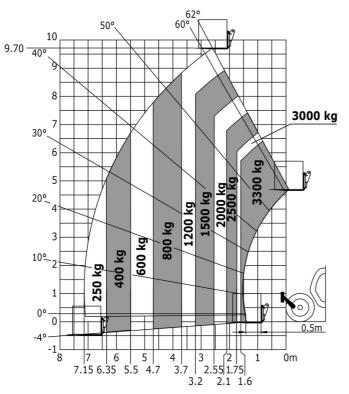


MT-X 1033 A MINING	Croated on May	, 2	2024 at	Q-05-07	
MT-X 1033 A MINING	created on Ma	y 3,	, 2024 al	8.05.07	

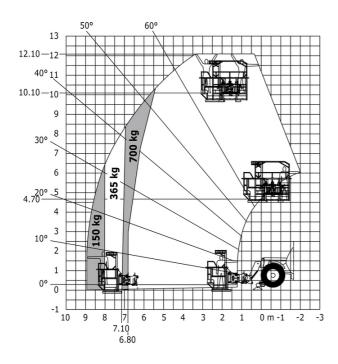
Capacities	Metric
Max. capacity	3300 kg
Max. lifting height	9.98 m
Max. outreach	7.15 m
Breakout force with bucket	5330 daN
Weight and dimensions	
Overall length to carriage	l11 4.93 m
Length to face of forks	l2 4.93 m
Overall width	b1 2.25 m
Overall height	h17 2.30 m
Wheelbase	y 2.69 m
Ground clearance	m4 0.44 m
Overall cab width	b4 0.89 m
Tilt-up angle	a4 12 °
	a4 12 a5 114 °
Tilt-down angle	Wa1 3.66 m
External turning radius (over tyres)	
Unladen weight	8570 kg
Tires type	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s 1200 mm x 125 mm / 45 mm
Performances	
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 cm³
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 axle
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	106 l/min-250 bar
Tank capacities	
Engine oil	111
Hydraulic oil	128 I
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	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 cal
Controls	Stalidaid EN 15000 / ROFS - FOFS level 2 Cal

MT-X 1033 A Mining - Load chart

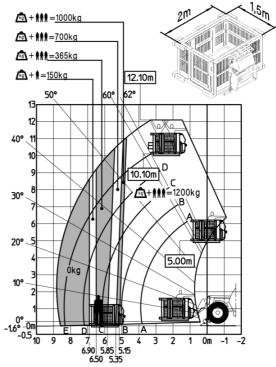
Machine on tyres with forks Metric



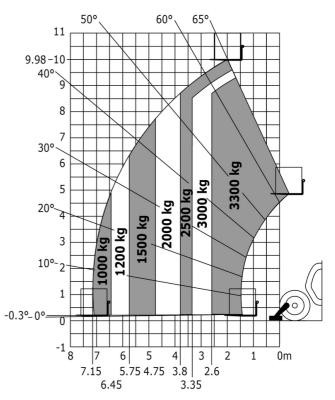
Machine on lowered stabilisers with tunneling platform (Metric)



Machine on lowered stabilisers with underground mining platform (Metric)



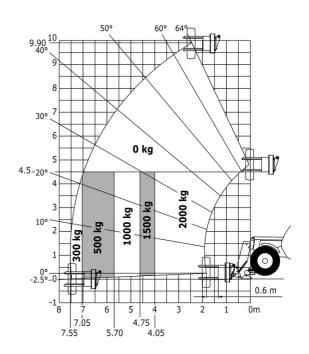
Machine on lowered stabilisers with forks Metric



Machine on tyres with tyre handler TH 33 (Metric)

60°61° 50° 10 9.5-40° 7 30° 6 0 kg 1000 kg 2000 kg 2000 kg 4.5-20° 4 500 kg 3 100 kg 109 2 1 0 0 0.6 m -1└ 8 | 7.60 5 4 5.45 4.30 3 2 2.65 3.30 2.20 6 0m 1

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



Mining Specifications

Plamp predisposition (controls from cabin) Comfort Ride Control (CRC) boom suspension Vorking platform predisposition with remote control Lighting Brake Lights ON When Park Brake ON Plat Led Rotating Beacon ED Flashing Lights On Cabin (Marker Lights) ED tramming lights ED work lights on the boom (x2) ED work lights on cab (x4 : 2 front + 2 rear) Atotarization/Power Schaust fume purification system Adydraulic hose sleeve burst protection Acteal cyclonic prefilter Radiator safety cap Other options Buttery + Starter Isolators + Jump Start Receptacle Scondary functions Automatic Greasing System (AGS) - chassis + boom Scutting Guardian Angel" System Level 1 Vuido warning on reverse movements (lynx noise) Boom cylinder lock imergency steering imergency steering ime suppression system vuise board protection - MT's tigh visibility reflective strips coose wheel nut indicators Arking - Warning & Danger decals Aining protection grids: right, left and back windows		
Plamp predisposition (controls from cabin) Comfort Ride Control (CRC) boom suspension Vorking platform predisposition with remote control Lighting Brake Lights ON When Park Brake ON Plat Led Rotating Beacon ED Flashing Lights On Cabin (Marker Lights) ED tramming lights ED work lights on the boom (x2) ED work lights on cab (x4 : 2 front + 2 rear) Atotarization/Power Schaust fume purification system Adydraulic hose sleeve burst protection Acteal cyclonic prefilter Radiator safety cap Other options Buttery + Starter Isolators + Jump Start Receptacle Scondary functions Automatic Greasing System (AGS) - chassis + boom Scutting Guardian Angel" System Level 1 Vuido warning on reverse movements (lynx noise) Boom cylinder lock imergency steering imergency steering ime suppression system vuise board protection - MT's tigh visibility reflective strips coose wheel nut indicators Arking - Warning & Danger decals Aining protection grids: right, left and back windows	Lifting function	
Comforf Ride Control (CRC) boom suspension Vorking platform predisposition with remote control Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon ED Flashing Lights On Cabin (Marker Lights) ED tramming lights ED work lights on the boom (x2) ED working lights on cab (x4 : 2 front + 2 rear) Advorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Adetal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Becondary functions Battery + Starter Isolators + Jump Start Receptacle Becond Startery + Starter Isolators + Jump Start Receptacle Becond Startery + Starter Isolators + Jump Start Receptacle Becond Startery + Starter Isolators (Iynx noise) Boom cylinder lock Becond splitter Isolators (Iynx noise) Boom cylinder lock Becond protection - MT's Bigh visibility reflective strips Coose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows Regative brakes on front & rear axles Bear and lateral camera with cab screen Wheel chocks	-	
Vorking platform predisposition with remote control Ighting brake Lights ON When Park Brake ON Tat Led Rotating Beacon ED Flashing Lights On Cabin (Marker Lights) ED tramming lights ED work lights on the boom (x2) ED working lights on cab (x4 : 2 front + 2 rear) Actorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Actal cyclonic prefilter tadiator safety cap Dther options Battery + Starter Isolators + Jump Start Receptacle Becondary functions Battery + Starter Isolators + Jump Start Receptacle Becond y functions Becond y function - MT's Beto y function y functions Becond y function y functi		
Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon ED Flashing Lights On Cabin (Marker Lights) ED tramming lights ED work lights on the boom (x2) ED working lights on cab (x4 : 2 front + 2 rear) Actorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Actal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Becondary functions wutomatic Greasing System (AGS) - chassis + boom Security Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock imergency steering imergency step: 1 in cab, 2 on external fire suppression system Sues board protection - MT's tigh visibility reflective strips coose wheel nut indicators Arking - Warning & Danger decals Mining protection grids: right, left and back windows Regative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks		
Hat Led Rotating Beacon LED Flashing Lights On Cabin (Marker Lights) 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) Aotorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Aetal cyclonic prefilter tadiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions wutomatic Greasing System (AGS) - chassis + boom Secondary functions wutomatic Greasing System Level 1 Audio warning on reverse movements (Iynx noise) Boom cylinder lock imergency steering imergency step: 1 in cab, 2 on external ire suppression system sues board protection - MTS tigh visibility reflective strips cose wheel nut indicators Aarking - Warning & Danger decals Mining protection grids: right, left and back windows tegative brakes on front & rear axles tear and lateral camera with cab screen Wheel chocks	Lighting	
Hat Led Rotating Beacon LED Flashing Lights On Cabin (Marker Lights) 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) Aotorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Aetal cyclonic prefilter tadiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions wutomatic Greasing System (AGS) - chassis + boom Secondary functions wutomatic Greasing System Level 1 Audio warning on reverse movements (Iynx noise) Boom cylinder lock imergency steering imergency step: 1 in cab, 2 on external ire suppression system sues board protection - MTS tigh visibility reflective strips cose wheel nut indicators Aarking - Warning & Danger decals Mining protection grids: right, left and back windows tegative brakes on front & rear axles tear and lateral camera with cab screen Wheel chocks		
ED Flashing Lights On Cabin (Marker Lights) ED tramming lights ED work lights on the boom (x2) ED working lights on cab (x4 : 2 front + 2 rear) Actorization/Power Exhaust fume purification system Aydraulic hose sleeve burst protection Actal cyclonic prefilter tadiator safety cap Yther options Battery + Starter Isolators + Jump Start Receptacle Secondary functions wutomatic Greasing System (AGS) - chassis + boom Secondary functions wuto warning on reverse movements (lynx noise) Boom cylinder lock Emergency steering Emergency steering Energency steering Eve board protection - MTs High visibility reflective strips coose wheel nut indicators Arking - Warning & Danger decals Mining protection grids: right, left and back windows Regative brakes on front & rear axles Rear and lateral camera with cab screen Vheel chocks	-	
ED tramming lights ED tramming lights on the boom (x2) ED work lights on cab (x4 : 2 front + 2 rear) Actorization/Power Exhaust fume purification system Addition se sleeve burst protection Actal cyclonic prefilter tadiator safety cap 2ther options Hattery + Starter Isolators + Jump Start Receptacle Secondary functions Autoratic Greasing System (AGS) - chassis + boom Security Guardian Angel" System Level 1 Audio warning on reverse movements (Iynx noise) Boom cylinder lock Emergency steering Emergency stop: 1 in cab, 2 on external Fire suppression system Fire suppression	LED Flashing Lights On Cabin (Marker Lights)	
ED working lights on cab (x4 : 2 front + 2 rear) Adotrization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Atata cyclonic prefilter Radiator safety cap Dther options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Nutomatic Greasing System (AGS) - chassis + boom Security Guardian Angel' System Level 1 Nutomatic or chassing System (AGS) - chassis + boom Security Guardian Angel' System Level 1 Nutomatic or chassing System (AGS) - chassis + boom Security Guardian Angel' System Level 1 Nutiowaming on reverse movements (lynx noise) Boom cylinder lock Emergency steering Emergency steering Fire extinguisher Fire suppression system Fires uppression system Sues board protection - MT's	LED tramming lights	
Adotization/Power Actorization/Power Attaust fume purification system Aydraulic hose sleeve burst protection Attal cyclonic prefilter tadiator safety cap Dther options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Nutomatic Greasing System (AGS) - chassis + boom Security Guardian Angel* System Level 1 Nutomatic or crease movements (lynx noise) Boom cylinder lock imergency steering imergency steering ire extinguisher ires uppression system ires uppression system ires uppression system use board protection - MT's High visibility reflective strips coose wheel nut indicators Aarking - Warning & Danger decals Mining protection grids: right, left and back windows legative brakes on front & rear axles tear and lateral camera with cab screen Wheel chocks	LED work lights on the boom (x2)	
Adotization/Power Actorization/Power Attaust fume purification system Aydraulic hose sleeve burst protection Attal cyclonic prefilter tadiator safety cap Dther options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Nutomatic Greasing System (AGS) - chassis + boom Security Guardian Angel* System Level 1 Nutomatic or crease movements (lynx noise) Boom cylinder lock imergency steering imergency steering ire extinguisher ires uppression system ires uppression system ires uppression system use board protection - MT's High visibility reflective strips coose wheel nut indicators Aarking - Warning & Danger decals Mining protection grids: right, left and back windows legative brakes on front & rear axles tear and lateral camera with cab screen Wheel chocks	5 ()	
Aydraulic hose sleeve burst protection Aletal cyclonic prefilter tadiator safety cap Dther 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 Gimergency steering Gimergency steering Gimerge	Motorization/Power	1
Actal cyclonic prefilter Radiator safety cap Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Nutomatic Greasing System (AGS) - chassis + boom Secondary functions Nutomatic Greasing System (AGS) - chassis + boom Secondary functions Nutomatic Greasing System (AGS) - chassis + boom Secondary functions Quardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Greegency steering	Exhaust fume purification system	1
Adiator 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 (Iynx noise) Boom cylinder lock imergency steering imergency steering imergency steering ire extinguisher ire suppression system use board protection - MT's ligh visibility reflective strips cose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows Megative brakes on front & rear axles tear and lateral camera with cab screen Vheel chocks	Hydraulic hose sleeve burst protection	
Other options Battery + Starter Isolators + Jump Start Receptacle Becondary functions Automatic Greasing System (AGS) - chassis + boom Becondary functions Automatic Greasing System (AGS) - chassis + boom Becondary functions Budiomatic Greasing System (AGS) - chassis + boom Becondary functions Budiomatic Greasing System (AGS) - chassis + boom Becondary functions Budio warning on reverse movements (lynx noise) Boom cylinder lock Bergency steering	Metal cyclonic prefilter	
Attery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security Guardian Angel" System Level 1 Audio warning on reverse movements (Iynx noise) Boom cylinder lock amergency steering amergency steering amergency steering amergency stop: 1 in cab, 2 on external are extinguisher are suppression system ause board protection - MT's high visibility reflective strips coose wheel nut indicators Aarking - Warning & Danger decals Aining protection grids: right, left and back windows kegative brakes on front & rear axles kear and lateral camera with cab screen Vheel chocks	Radiator safety cap	
Secondary functions Automatic Greasing System (AGS) - chassis + boom Security Guardian Angel* System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock imergency steering imergency steering ire extinguisher ire suppression system isue board protection - MT's High visibility reflective strips .cose wheel nut indicators Aarking - Warning & Danger decals Jining protection grids: right, left and back windows Jequive brakes on front & rear axles kear and lateral camera with cab screen Vheel chocks	Other options	1
Automatic Greasing System (AGS) - chassis + boom Security Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock amergency steering amergency steering amergency stop: 1 in cab, 2 on external amergency stop: 1 in cab, 2 on external	Battery + Starter Isolators + Jump Start Receptacle	1
Security Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Gimergency steering Guardian	Secondary functions	
Security Guardian Angel" System Level 1 Audio warning on reverse movements (lynx noise) Boom cylinder lock Gimergency steering Guardian	Automatic Greasing System (AGS) - chassis + boom	1
Audio warning on reverse movements (lynx noise) Boom cylinder lock Emergency steering 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 Megative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks	Security	I
boom cylinder lock imergency steering imergency stop: 1 in cab, 2 on external i're extinguisher i're suppression system i'use board protection - MT's High visibility reflective strips oose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows Negative brakes on front & rear axles kear and lateral camera with cab screen Vheel chocks	"Guardian Angel" System Level 1	1
imergency steering imergency stop: 1 in cab, 2 on external irre extinguisher irre suppression system is board protection - MT's ligh visibility reflective strips soose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows legative brakes on front & rear axles kear and lateral camera with cab screen Wheel chocks	Audio warning on reverse movements (lynx noise)	
imergency stop: 1 in cab, 2 on external irre extinguisher irre suppression system iruse board protection - MT's ligh visibility reflective strips coose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows legative brakes on front & rear axles kear and lateral camera with cab screen Vheel chocks	Boom cylinder lock	
imergency stop: 1 in cab, 2 on external irre extinguisher irre suppression system iruse board protection - MT's ligh visibility reflective strips coose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows legative brakes on front & rear axles kear and lateral camera with cab screen Vheel chocks	Emergency steering	
ire extinguisher ire suppression system iuse board protection - MT's ligh visibility reflective strips coose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows legative brakes on front & rear axles kear and lateral camera with cab screen Vheel chocks		
iuse board protection - MT's High visibility reflective strips coose wheel nut indicators Aarking - Waming & Danger decals Mining protection grids: right, left and back windows legative brakes on front & rear axles tear and lateral camera with cab screen Vheel chocks	Fire extinguisher	
High visibility reflective strips cose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows Regative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks	Fire suppression system	
High visibility reflective strips cose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows Regative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks		
oose wheel nut indicators Marking - Warning & Danger decals Mining protection grids: right, left and back windows Regative brakes on front & rear axles Rear and lateral camera with cab screen Wheel chocks	High visibility reflective strips	
Aining protection grids: right, left and back windows legative brakes on front & rear axles Rear and lateral camera with cab screen Vheel chocks	Loose wheel nut indicators	
Aining protection grids: right, left and back windows legative brakes on front & rear axles Rear and lateral camera with cab screen Vheel chocks	Marking - Warning & Danger decals	
legative brakes on front & rear axles Rear and lateral camera with cab screen Vheel chocks		
kear and lateral camera with cab screen Vheel chocks		
Vheel chocks	Rear and lateral camera with cab screen	
	Wheel chocks	
	Windshield protection grid	



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