

Technical sheet :

MT-X 733 MINING



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	
Max. capacity		3300 kg	
Max. lifting height		6.90 m	
Maximum outreach		3.90 m	
Breakout force with bucket		7400 daN	
Weight and dimensions		Metric	
Overall length to carriage	I11	4.74 m	
Length to face of forks	I2	4.76 m	
Overall width	b1	2.26 m	
Overall height	h17	2.30 m	
Wheelbase	y	2.81 m	
Ground clearance	m4	0.45 m	
Overall cab width	b4	0.89 m	
Tilt-up angle	a4	12 °	
Tilt-down angle	a5	114 °	
External turning radius (over tyres)	Wa1	3.80 m	
Unladen weight (with forks)		6620 kg	
Overall weight		6620 kg	
Tires type		Pneumatic	
Standard tires		Alliance 400/80 - 24 - 162A8	
Forks length / width / section	I / e / s	1200 mm x 125 mm x 45 mm	
Performances			
Lifting		7.20 s	
Lowering		5.50 s	
Extension		6.50 s	
Retraction		5.40 s	
Crowd		2.90 s	
Dump		2.80 s	
Engine			
Engine brand		Perkins	
Engine norm		Stage IIIA	
Engine model		1104D-44 T	
Number of cylinders / Capacity of cylinders		4 - 4400 cm³	
Engine power (Hp/kW)		95 Hp / 70 kW	
Max. torque / Engine rotation		392 Nm @ 1400 rpm	
Drawbar pull (Laden)		9000 daN	
Transmission			
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 brake		Manual	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Hydraulics			
Hydraulic pump type		Gear pump	
Hydraulic flow / Pressure		104 l/min-250 bar	
Tank capacities			
Engine oil		10 l	
Hydraulic oil		128 l	
Fuel		120 l	
Noise and vibration			
Noise at driving position (LpA)		78 dB	
Noise to environment (LwA)		104 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2	
Controls		JSM	

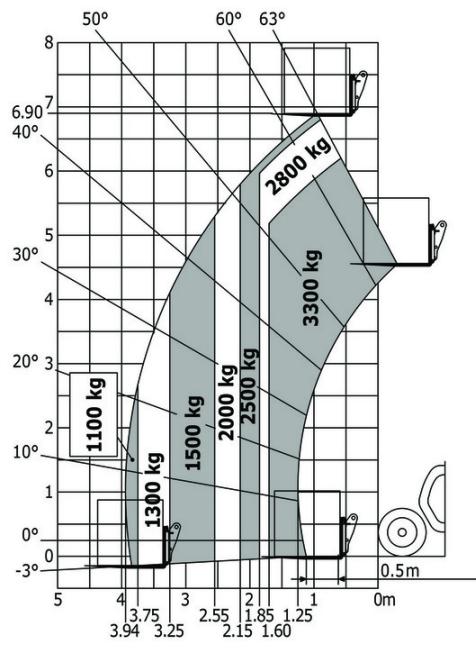
Options / Finishing

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

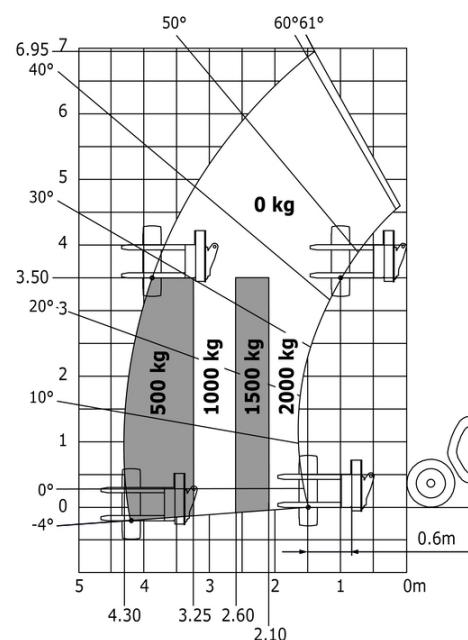
	Standard	Comfort
Lifting function		
Clamp predisposition (controls from cabin)	O	-
Motorization/Power		
Centralized greasing points	-	0
Exhaust fume purification system	S	-
Hydraulic hose sleeve burst protection	S	-
Metal cyclonic prefilter	S	-
Radiator safety cap	S	-
Secondary functions		
Automatic greasing system (AGS) - Chassis + boom	O	-
Lighting		
Brake Lights ON When Park Brake ON	S	-
Flat Led Rotating Beacon	S	-
LED Flashing Lights On Cabin (Marker Lights)	S	-
LED trammig lights	S	-
LED working lights on cab (x4 : 2 front + 2 rear)	S	-
LED work lights - On the top of the boom (fixed part) (x2)	S	-
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	S
Fire suppression system	O	-
Fuse board protection - MT's	S	-
High visibility reflective strips	S	-
Loose wheel nut indicators	S	-
Marking - Waming & 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	-
Other options		
Battery + Starter Isolators + Jump Start Receptacle	S	S

MT-X 733 Mining - Load chart

Machine on tires with forks Metric

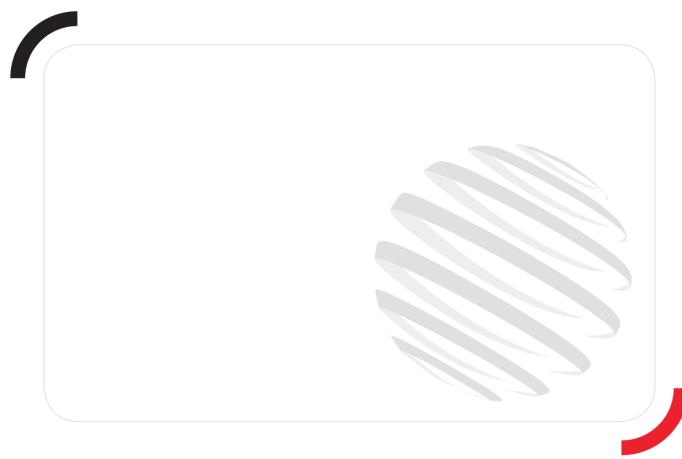


Machine on tires with tire handler TH 33 (Metric)



Mining Specifications

MT-X 733 Mining	
Lifting function	
Clamp predisposition (controls from cabin)	O
Lighting	
Brake Lights ON When Park Brake ON	S
Flat Led Rotating Beacon	S
LED Flashing Lights On Cabin (Marker Lights)	S
LED trammimg 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	O
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	O
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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