Technical sheet :

# MT-X 733 MINING

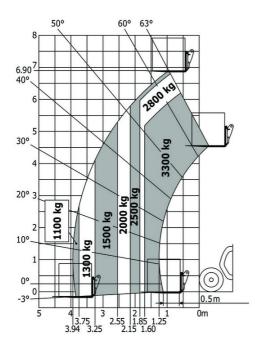




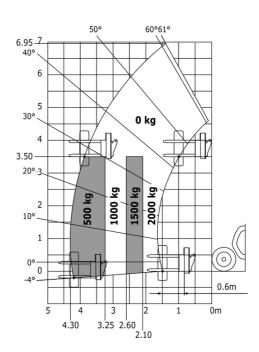
	MT-X 733 MINING U	reated on August 12, 2025 at 8:54 PM UT
Capacities		Metric
Max. capacity		3300 kg
Max. lifting height		6.90 m
Maximum outreach		3.90 m
Breakout force with bucket		7400 daN
Weight and dimensions		
Overall length to carriage	l11	4.74 m
Length to face of forks	12	4.76 m
Overall width	b1	2.26 m
Overall height	h17	2.30 m
Wheelbase	у	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	l / e / s	1200 mm x 125 mm x 45 mm
Performances	17673	
Lifting		7.20 s
		5.50 s
Lowering		6.50 s
Extension		
Retraction		5.40 s
Crowd		2.90 s
Dump		2.80 s
Engine		Dadia
Engine brand		Perkins
Engine norm		Stage IIIA
Engine model		1104D-44 T
Number of cylinders / Capacity of cylinders		4 - 4400 cm <sup>3</sup>
I.C. Engine power rating - Power		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		aneo
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		104 l/min-250 bar
Tank capacities		
Engine oil		10
Hydraulic oil		128
Fuel tank		1201
Noise and vibration		
		78 dB
Noise at driving position (LpA)		78 dB
Noise at driving position (LpA) Noise to environment (LwA)		104 dB
Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms		
Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		104 dB < 2.50 m/s²
Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear)		104 dB < 2.50 m/s² 2 / 2
Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		104 dB < 2.50 m/s²

#### 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

# Equipment

Standard
"Guardian Angel" System Level 1
Audio warning on reverse movements (lynx noise)
Battery + Starter Isolators + Jump Start Receptacle
Boom cylinder lock
Brake Lights ON When Park Brake ON
Emergency stop: 1 in cab, 2 on external
Exhaust fume purification system
Fire extinguisher
Flat Led Rotating Beacon
Fuse board protection - MT's
High visibility reflective strips
Hydraulic hose sleeve burst protection
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
Metal cyclonic prefilter
Mining protection grids: right, left and back windows
Negative brakes on front & rear axles
Radiator safety cap
Rear and lateral camera with cab screen
Wheel chocks
Windshield protection grid

Optional Automatic greasing system (AGS) - Chassis + boom Clamp predisposition (controls from cabin) Fire suppression system



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