Technical sheet :

MT-X 1033 A MINING



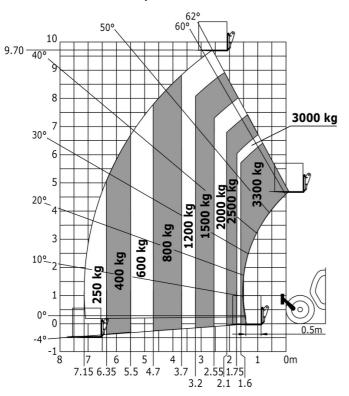


MT-X 1033 A MINING	Created on 4 May	2024 at 7:23:52	PM UTC

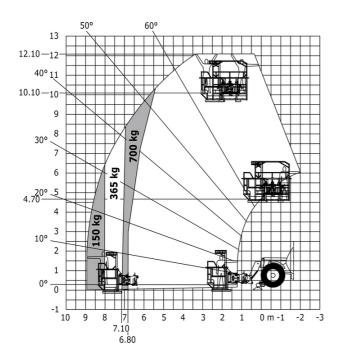
Capacities	Metric
Max. capacity	3300 kg
Max. lifting height	9.98 m
Max. outreach	7.15 m
Breakout force with bucket	5330 daN
Weight and dimensions	
Overall length to carriage	l11 4.93 m
Length to face of forks	12 4.93 m
Overall width	b1 2.25 m
Overall height	h17 2.30 m
Wheelbase	
	y 2.69 m
Ground clearance	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	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 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
	9100 dalv
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 axl
Hydraulics	
Hydraulic pump type	Gear pump
Iydraulic flow / Pressure	106 l/min-250 bar
Tank capacities	
Engine oil	111
Hydraulic oil	128
Fuel tank	120
Noise and vibration	
Noise at driving position (LpA)	76 dB
Noise to environment (LwA)	104 dB
/ibration on hands/arms	< 2.50 m/s ²
Viscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
	2 / 2 Standard EN 15000 / ROPS - FOPS level 2 ca
Safety / Safety cab homologation	Standard EN 15000 / KUPS - FOPS level 2 ca

MT-X 1033 A Mining - Load chart

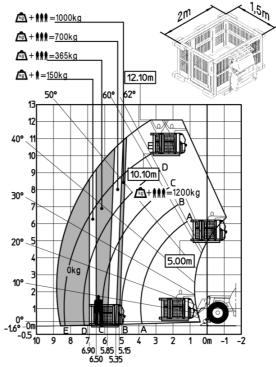
Machine on tyres with forks Metric



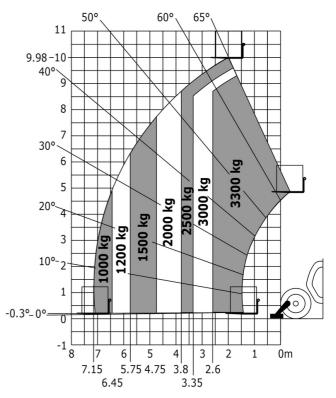
Machine on lowered stabilisers with tunneling platform (Metric)



Machine on lowered stabilisers with underground mining platform (Metric)



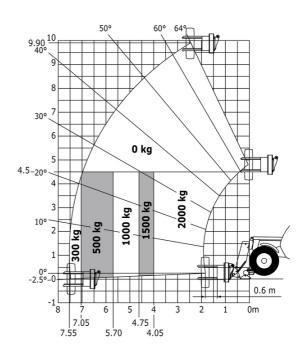
Machine on lowered stabilisers with forks Metric



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

	MT-X 103
Lifting function	
Clamp predisposition (controls from cabin)	
Comfort Ride Control (CRC) boom suspension	
Working platform predisposition with remote control	
Lighting	
Brake Lights ON When Park Brake ON	
Flat Led Rotating Beacon	
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	
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	
Negative brakes on front & rear axles	
Rear and lateral camera with cab screen	
Wheel chocks	
Windshield protection grid	;



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