

Sandvik Tunneling Roadheader MT520 in Action

The machine with all features



Sandvik Tunneling Roadheader MT520

Sandvik Mining and Construction presents a new concept of a Construction Roadheader, the MT520, a machine of the 100 tons class. This unique Roadheader MT520 is designed to work in most rock conditions up to approx. 100 MPa uniaxial compressivestrength, offering an increased degree of flexibility, compared to standard roadheaders.

Technical data MT520*

General:		Negotiable gradients:		
Total weight approx	(t)	115-120	Incline /Decline (gon) ±20	
Total length approx.	(m)	15.7	Max. cross gradient (gon) 7	
Height over canopy approx.	(mm)	4.9	Speeds:	
Width over loading table	(m)	4.56	Speed of cutter head (m/sec)	2.9
Cutter boom telescope	(mm)	1200	Tramming speed (m/min)	0 - 20
Width of crawler tracks	(mm)	800	Electrical system:	
Machine ground pressure (MPa)		0.23	Electric supply voltage (V/Hz)	1.100 / 50
Conveying system:		Cutter motor (kW)	315	
Width of conveyor (mm)		840	Total installed power (kW)	537
Capacity of conveyor (m³/h)		400		

All dimensions and weights are approximate
Please see technical specification for details
* All rights for technical modification are reserved



Operating this machine can be fun

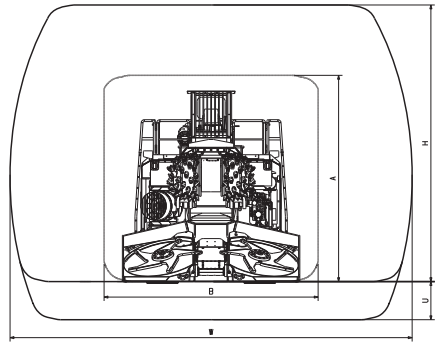


From vision to reality

- Options**
- Longitudinal Cutter Head / gear box, interchangeable with transversecutter head
 - On-board Diesel Power Pack, for quick and easy re-location
 - Slewing Belt Conveyor, for truck loading
 - Water Hose Reel
 - Cable Reel
 - Closed Operator's cabin
 - with ventilation and air filter or
 - air conditioned
 - High-pressure Water Spray Ring System
 - Automatic Fire Suppression System
 - Directional Control System
 - Profile Control and Visualisation System
 - 8 Meter-Cutting Height Modul



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Cutting Profiles Basic machine (all dimensions in m)	max. cutting height (H)	min. cutting height (h)	max. cutting width(W)	min. cutting width(w)	max. under-cut (U)
Transverse cutter head – boom telescope retracted	6.2	5.3	8.8	5.5	
Transverse cutter head – boom telescope extended	7.1		10.3		1.0
Longitudinal cutter head – boom telescope retracted	6.5	5.3	8.2	5.5	
Longitudinal cutter head – boom telescope extended	7.3		9.6		1.0
Cutting Profiles Machine with optional 8m height module (all dimensions in m)					
Transverse cutter head – boom telescope retracted	7.1	5.9	9.4	5.5	
Transverse cutter head – boom telescope extended	8.0		10.8		0.6
Longitudinal cutter head – boom telescope retracted	7.0	5.9	8.0	5.5	
Longitudinal cutter head – boom telescope extended	8.0		10.6		0.7