

Sandvik Roadheader MR300 Series in Action

The most popular roadheader in its class





Extremely compact and reliable



From vision to reality

Unique features of the MR300 series

- Fully proved in various materials with an unconfined compressive strength of up to 100 MPa.
- Maximum dust suppression and ignition prevention due to High Pressure Pick Flushing System
- Easy and rapid assembly and disassembly through modular design
- Proportional-Load sensing-Hydraulic system for optimal energy utilisation



Sandvik Roadheader MR360

Sandvik Roadheader MR300 series

Over 180 units of the Sandvik Roadheader MR300 series already delivered. Thus the MR300 is the most wanted roadheader in its class. Due to extremely high technical availability and cutting performance a maximum efficiency and profitability is guaranteed. Production records have been achieved worldwide in various materials (coal, rock, gypsum, potash and salt) and also in roadway development with the Sandvik Roadheader MR300.

The machine is available in four different height models as follows:

- MR320: max. cutting height 4.54 m
- MR340: max. cutting height 4.87 m
- MR360: max. cutting height 5.06 m
- MR380: max. cutting height 6.80 m

Technical data MR340 GOST approved*

General:			Negotiable gradients:		
Total weight approx	(t)	55	Navigable cone radius	(m)	25
Machine ground pressure	(MPa)	0.16	Navigable basin radius min.	(m)	12.5
Length approx.	(m)	10.30	Navigable slope side gradient max.	(° / gon)	±8 / ±9
Height over turret approx.	(mm)	2.055	Slope upgrade / incline**	(° / gon)	±18 / ±20
Height over conveyor approx.	(mm)	2.150	Tramming speed, forward and reverse	(m/min)	0 - 5.0
Loading table width variable	(m)	4.72 to 5.12	Electrical system:		
Ground clearance	(mm)	420	Electric supply voltage	(V/Hz)	1.140 / 50
Cutting Profile:			Cutter motor	(kW)	200
Cutting height above track level max.	(m)	4.87	Total installed power	(kW)	342
Cutting width max.	(m)	7.45			
Undercut below floor level	(mm)	205			
Cutter head sprays		ITP water spraying			
Cutting speed at 50 Hz	(m/sec)	3.01			

All dimensions and weights are approximate
Please see technical specification for details
* All rights for technical modification are reserved
** without stabilizing

