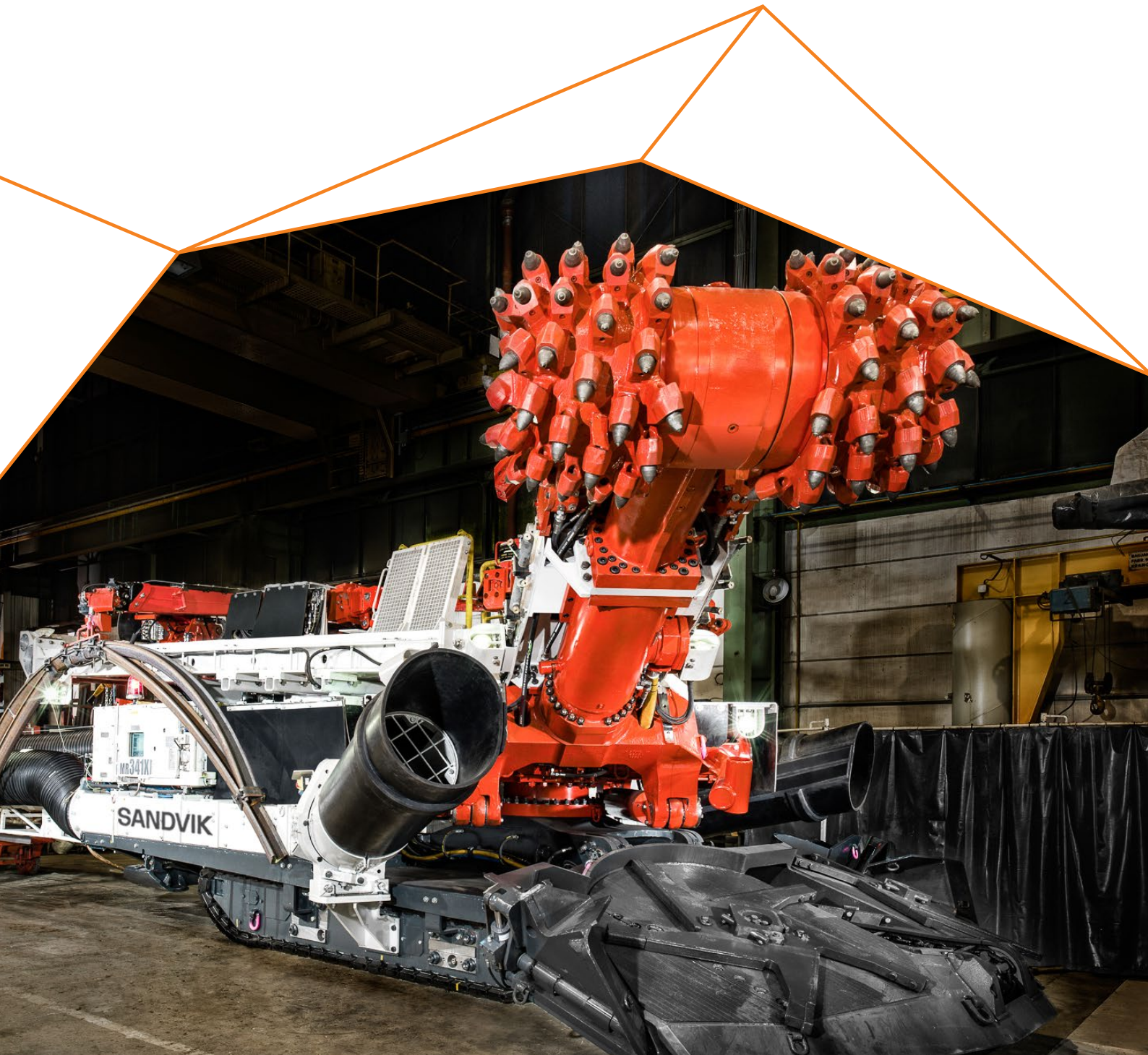




SANDVIK MR300 SERIES ROADHEADER

PRODUCT LEAFLET





TECHNICAL DATA

Machine model	MR341 FLP	MR341	MR361 FLP	MR361
Total weight +/- 5 (t)	60	60	60	60
Machine ground pressure (MPa)	0.17	0.17	0.17	0.17
A. Length (m)	11	11	11	11
B. Height (m)	2.6	2.9	2.6	2.9
C. Loading table width (m)	3.5/5.8	3.5/5.8	3.5/4.8	3.5/5.8
Ground clearance (mm)	270	270	270	270
Cutting height above track level, max. (m)	4.9	4.9	5.1	5.1
Cutting width, max. (m)	7.5	7.5	7.6	7.6
Undercut below floor level, max. (mm)	210	210	210	210
Cutter heads sprays	ITP	FN	ITP	FN
Cutting speed, 50 Hz (m/sec)	2.3	2.3	2.3	2.3
Navigable cone radius, min. (m)	25	25	25	25
Navigable basin radius (m)	15	20	15	20
Navigable slope side gradient, max. (°gon)	±8 / ±9	±5 / ±6	±8 / ±9	±5 / ±6
Slope upgrade / incline without stabilizing (°gon)	±18 / ±20	±18 / ±20	±18 / ±20	±18 / ±20
Electric supply voltage (V)	1000/1140	1000/1140	1000/1140	1000/1140
Cutter motor (kW)	230	230	230	230
Tramming speed, forward and reverse (m/min)	0-8.8	0-8.8	0-8.8	0-8.8
Total installed power (kW)	434	452	434	452

SANDVIK MR300 SERIES

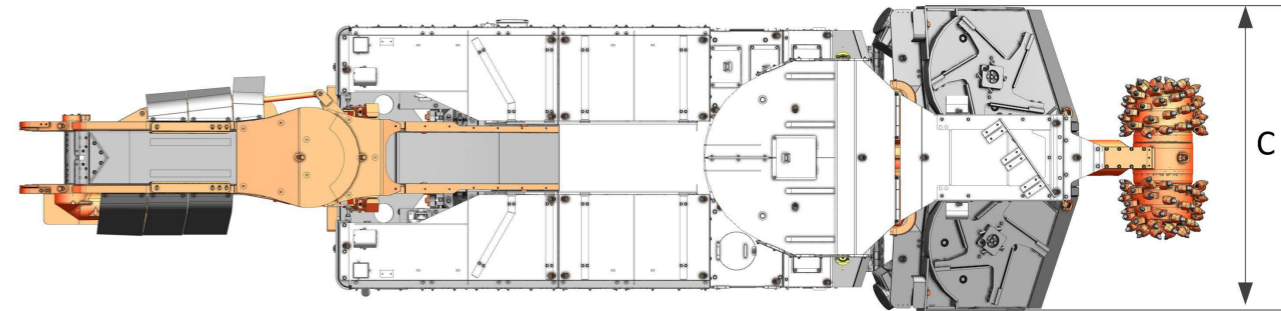
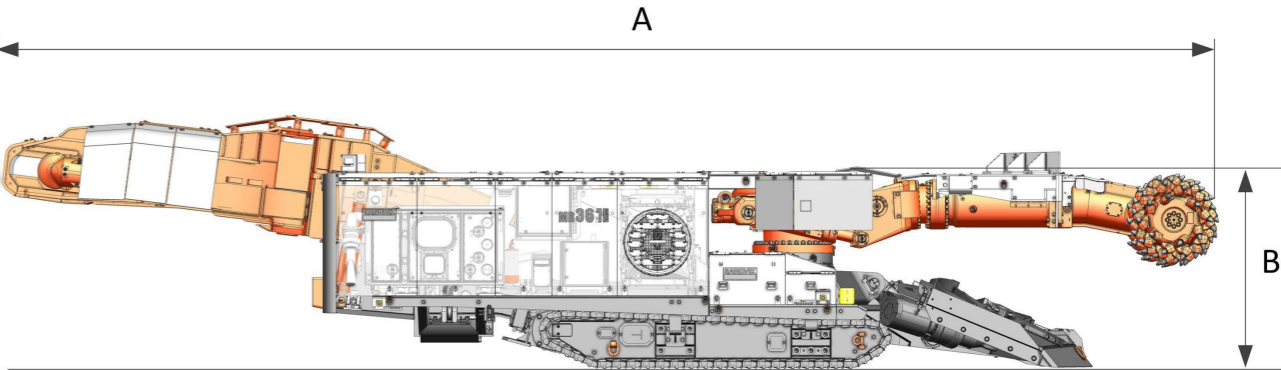
Sandvik roadheaders are extremely powerful rock-cutting machines designed to excavate roadways, tunnels and chambers continuously without using explosives. They are equipped with powerful, geometrically optimized, transverse cutter heads proven to give the best cutting performance in a wide range of rock formations.

Powered electro-hydraulically, they emit no fumes and are used extensively in coal mining, mineral mining and underground construction projects, where their ability to excavate the desired profile without causing harmful vibrations is highly valued for both environmental and safety reasons.

The machines are in flameproof design according to country regulations, including:

- MA (China)
- DGMS (India)
- GOST (CIS)
- ATEX (Europe)

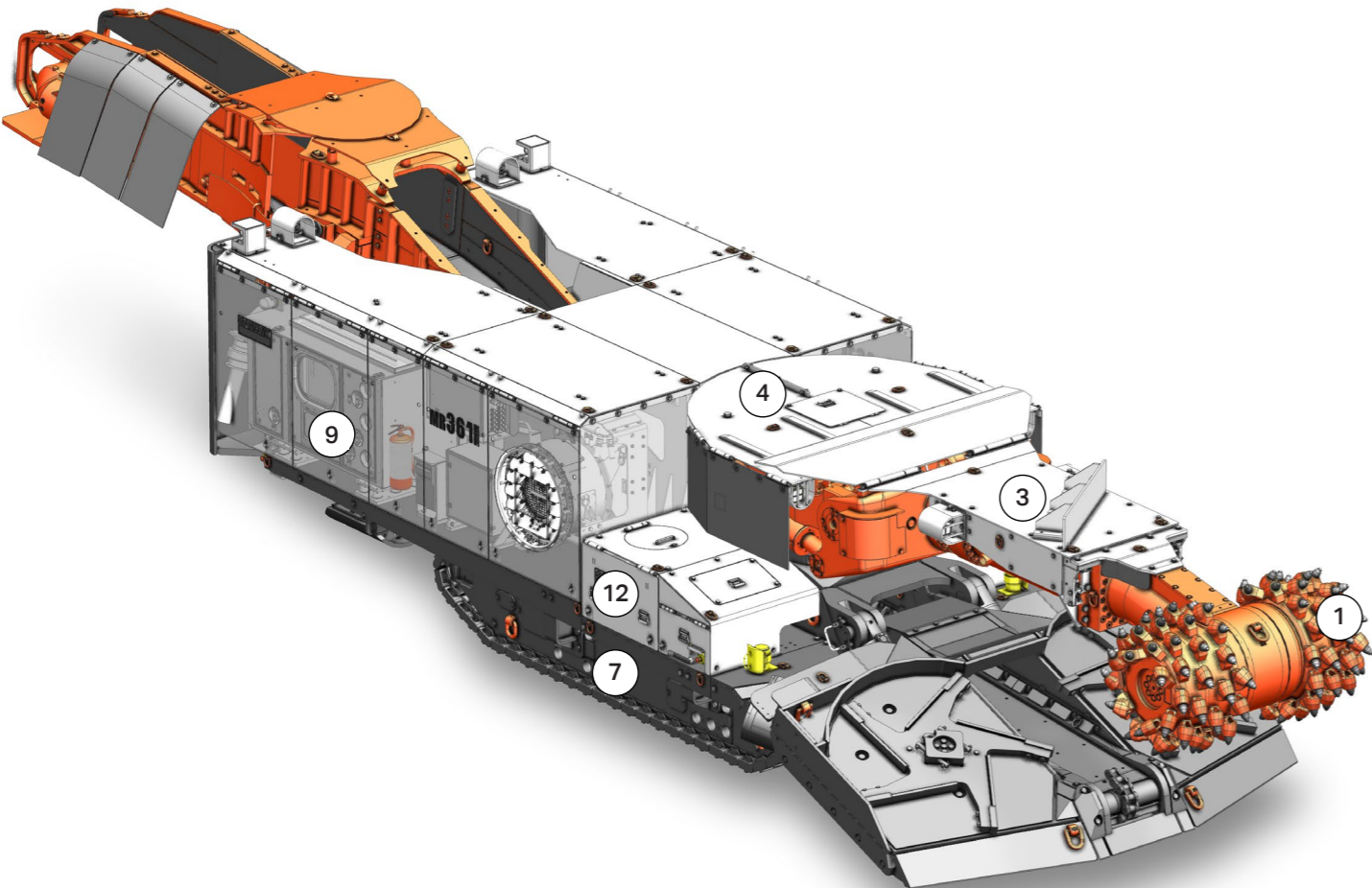
DIMENSIONS



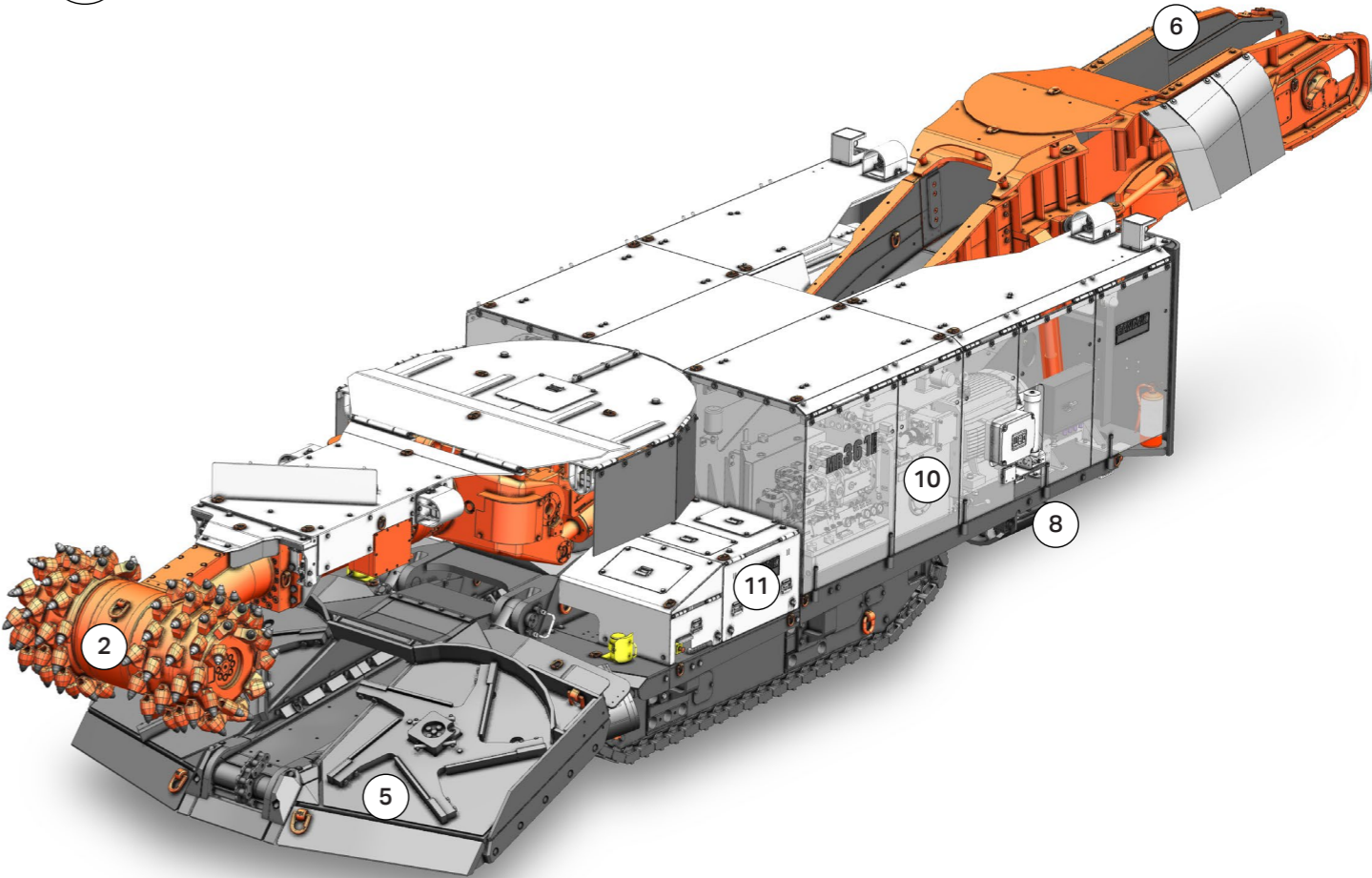
KEY FEATURES AND BENEFITS

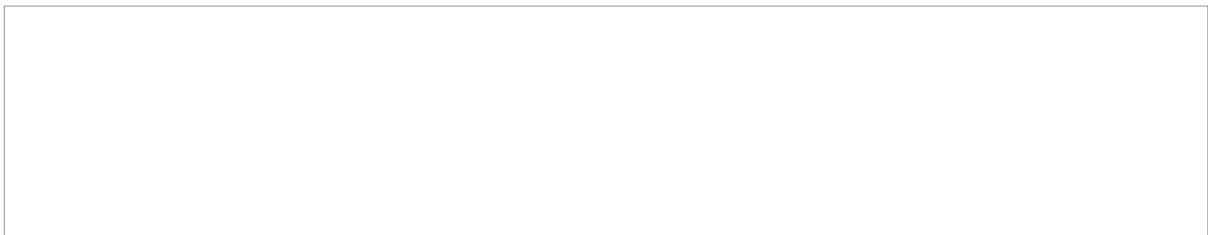
- ✓ Available as intelligent PLC (Programmable Logical Controlled) or manual hydraulic controlled machine
- ✓ High availability and reduced service costs
- ✓ Optional profile visualization system offers high cutting accuracy
- ✓ Reinforced main frame for tough and hard cutting conditions
- ✓ Large active loading area for efficient material transport

KEY COMPONENTS AND FUNCTIONS OF A TYPICAL MR361 ROADHEADER



- 1 Cutter head in different variations depending on geological condition
- 2 Cutter gear box
- 3 Telescopic cutter boom
- 4 Turret used to move the cutter boom in vertical and horizontal direction
- 5 Loading device consisting of the loading table, two loader transmissions and the loader stars
- 6 Double chain conveyor conveying the material from the loading table to the back end of the machine
- 7 Crawler track assembly to maneuver the machine during cutting and for tramping over long distances
- 8 Frame with rear stabilizer
- 9 Electrical equipment
- 10 Hydraulic system
- 11 Water supply cooling system to maintain operating temperature
- 12 Lubrication system





Sandvik Mining reserves the right to make changes to the information on this data sheet without prior notification to users.
Please contact a Sandvik representative for clarification on specifications and options.