



SANDVIK MB650 BOLTER MINER

PRODUCT LEAFLET

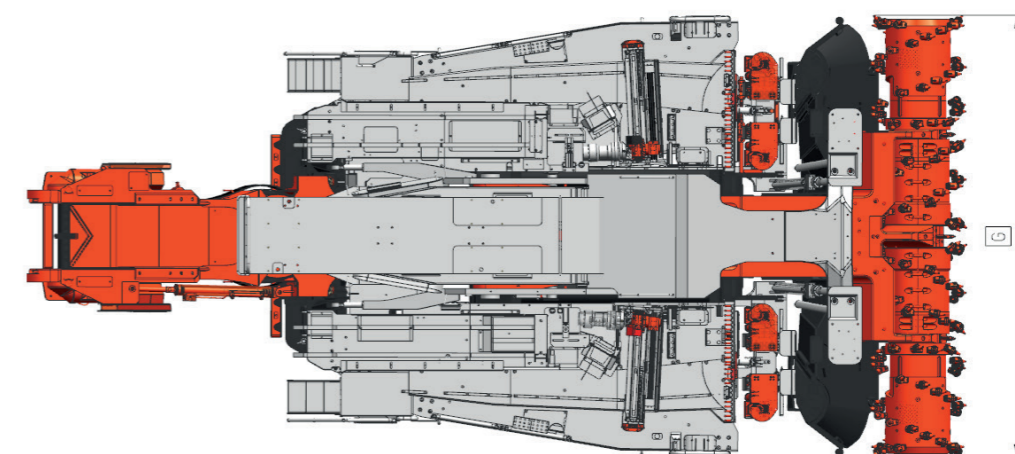
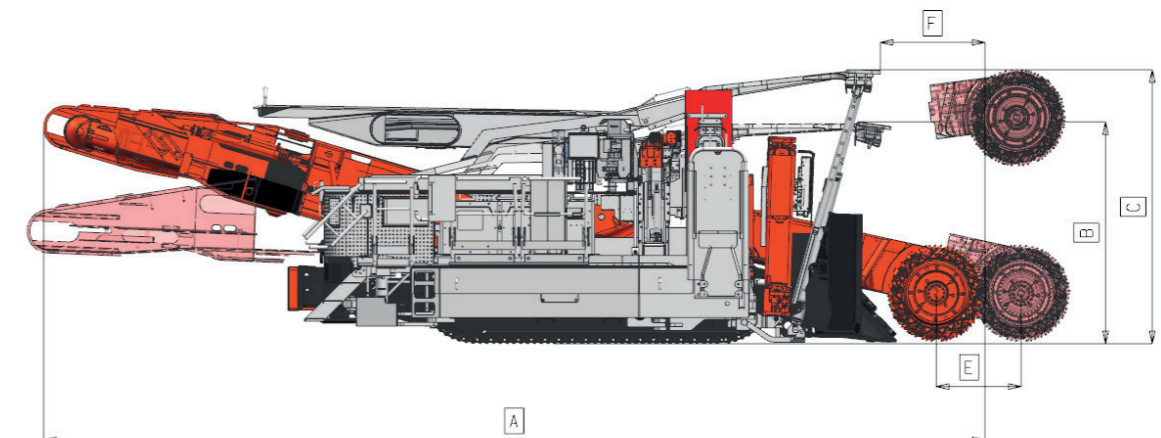




TECHNICAL DATA

Machine model	MB650	MB650 LH	MB650 XLH
A. Total length, approx. (m)	11.3	11.9	11.7
B. Total height in operation (m)	2.60/2.75	2.35	2.1
Total weight, approx. (t)	113	105	101
C. Working height (m)	2.95-3.6/3.8	2.75-3.3	2.5-3.3
G. Working width (m)	5.2/5.4/(5.6)	5.2/5.4/ (5.6)	5.8/6.0
Cutter motor power (kW)	270/315	270/315	270/315
E. Sump distance (m)	1.0	1.0	1.0
F. Distance roof support to face (m)	2.4	2.6	2.8
No. of roof bolters	4	4	4
No. of rib bolters	2	2	2
Loading and conveying capacity (t/min)	25	20	20
Tramming speed (m/min)	3.5/7/12	3.5/7/12	3.5/7/12
On-board dust exhaust system	ducting	ducting	ducting
Ground pressure (MPa)	0.30/0.22	0.30/0.22	0.27/0.22

DIMENSIONS



SANDVIK MB650

Sandvik bolter miners are hydraulically or electrically powered high-capacity machines for safe and efficient roadway excavation and roof bolt installation in underground coal and soft mineral mines.

Sandvik bolter miners combine the basic characteristics of wide-head continuous miners with special design features for cutting, loading and ground support. These flameproof (FLP) and non-flameproof miners offer you a unique solution for rapid entry development of longwall developments as well as full-scale production in room and pillar operations.

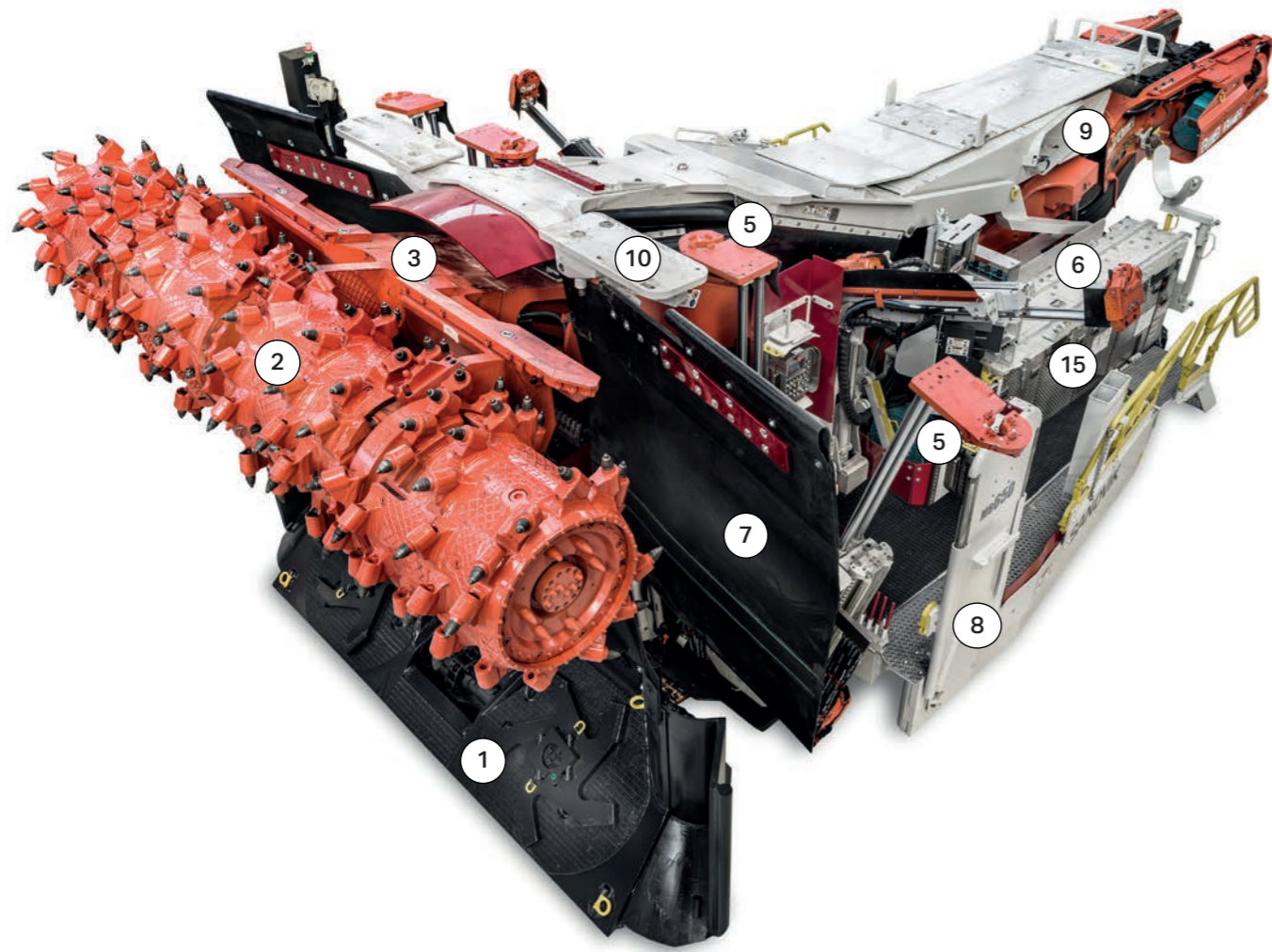
The FLP design complies with the key national or regional requirements, such as MA (China), DGMS (India), ANZEX (Australia), GOST (CIS), ATEX (Europe), SANS (South Africa) and MSHA (USA).

Sandvik MB650 is a flameproof-approved (FLP) bolter miner designed for roadway development. It is basically a wide-head continuous miner with special design features for cutting, loading, ground support and face ventilation. Country-specific FLP certifications by various international approval authorities are also possible.

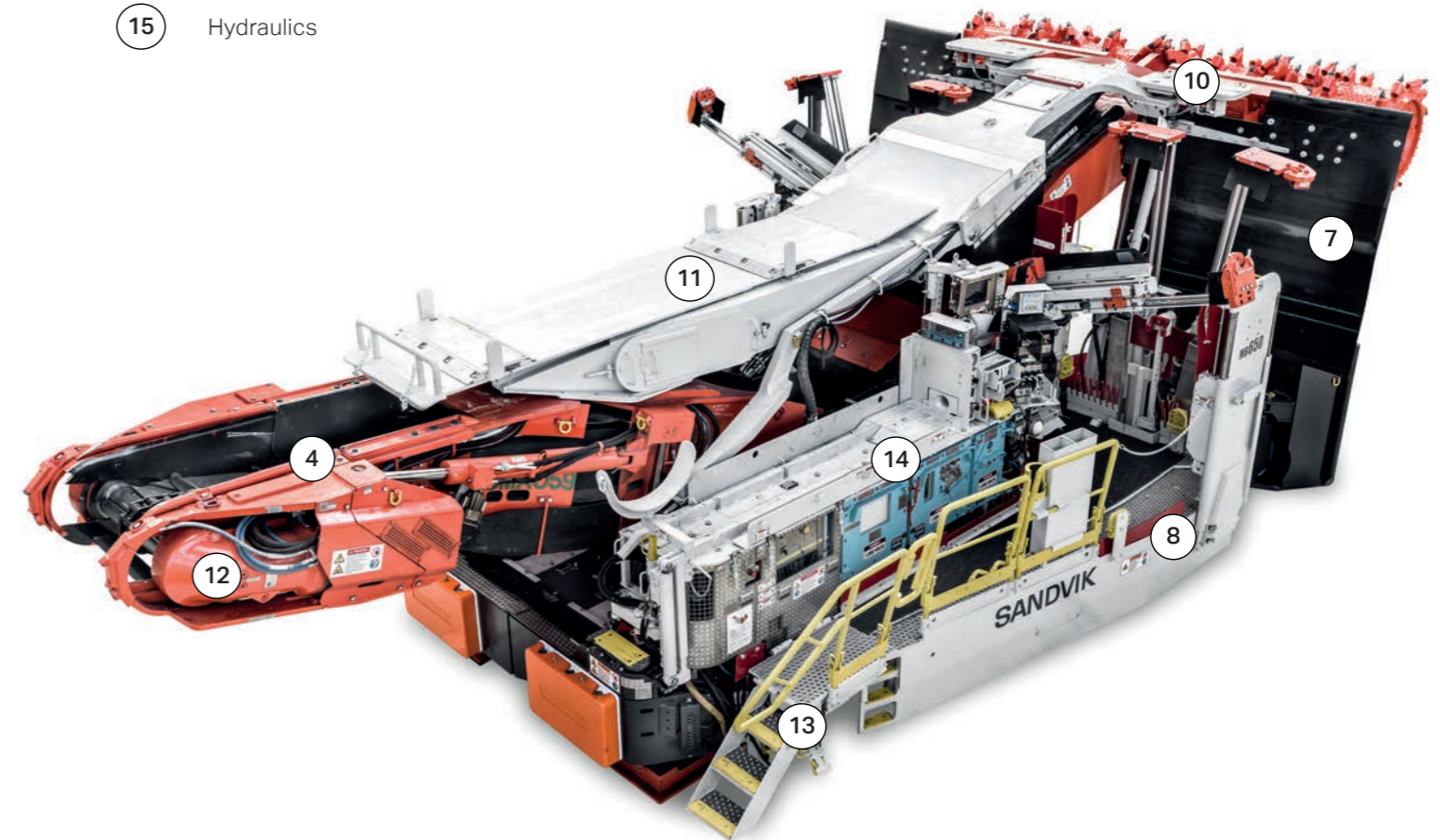
KEY FEATURES AND BENEFITS

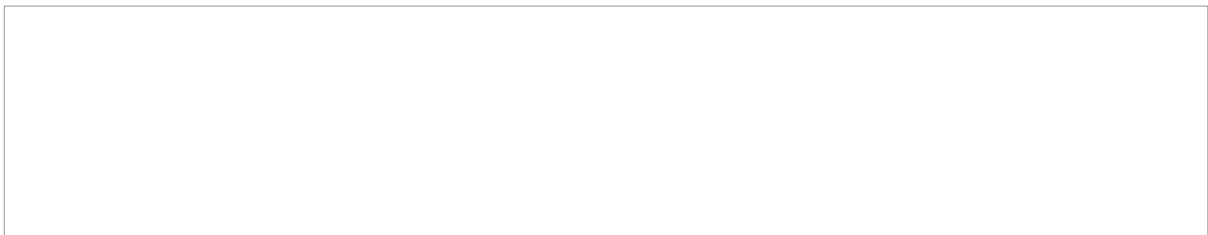
- ✓ Fully supported roof for operators due to support canopy behind the cutter drum
- ✓ Automated, programmable cutting cycle guaranteeing smooth floor conditions
- ✓ Push button controlled roof bolter stations (electronic over hydraulic) providing ease to operators
- ✓ Low cutter head rotation speed to reduce dust generation

KEY COMPONENTS AND FUNCTIONS OF A TYPICAL MB650 BOLTER MINER



- ① Loading device
- ② Cutter drum and cutter gear box
- ③ Cutter boom with cutter motor
- ④ Swivel chain conveyor
- ⑤ Roof bolting rigs
- ⑥ Rib bolting rigs
- ⑦ Dust curtains
- ⑧ Height adjustable working platform with rib shield and fold up rear steps
- ⑨ Ventilation outlet on both sides
- ⑩ Canopy
- ⑪ Mesh storage
- ⑫ Dual conveyor drive
- ⑬ Foldable stairs and handrails
- ⑭ Electric main panel unit
- ⑮ Hydraulics





Sandvik 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.