



SURFACE MINER MTS 180

Customer	OAO Boksit Timana
Plant Location	Bauxite Open Pit Mine Middle Timan (Russia)
Scope of work	Turn-key supply of a Surface Miner MTS 180





Project Figures

Material:	Bauxite
Unconfined compressive strength:	up to 60 MPa
Rated capacity:	180 bm ³ /h
Peak capacity:	300 bm ³ /h
Cutting circular diameter:	1.4 m
Drum width:	3.2 m
Cutting rate:	max. 3.6 m/s
Nominal drive power at the drum:	2 x 160 kW
Max. cutting height:	0.6 m
Max. cutting width	3.0 m
Driving speed at rated capacity and maximum cutting height:	1.67 m/min
Number of crawlers:	3
Average ground pressure:	approx. 180 kPa
Driving speed	0 – 20 m/min
Outreach loading boom:	9.5 m
Max. height discharge pulley:	approx. 5 m
Service weight:	approx. 75 t
Total installed power	500 kW

Project Schedule

Commissioning in 2007, still in commercial operation

Contacts

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