

Sandvik MT520 Roadheader [Inventory ID #1337559]



Sandvik MT520 Roadheader

- Make: Sandvik
- Model: MT520
- Type: Roadheader
- Serial: 026
- Condition: Used, Reported In Good Condition
- Year: 2017
- Hours:
 - Hydraulic Motor: 2,817 Hours
 - Cutting Head Motor: 1,705 Hours
- Description: The Sandvik Roadheaders are Electro-Hydraulically Powered and equipped with powerful, geometrically optimized, inline or transverse cutter heads proven to give the best cutting performance in a wide range of rock conditions. Subway tunnels, road tunnels, shaft sinking, rehabilitation of existing tunnels and excavation of underground caverns are just a few examples where these machines have demonstrated their great flexibility. Our Sandvik MT520 PLC-controlled Roadheader has been designed for use in tunneling, as well as salt, potash and chalk mining with a maximum profile up to 70m². It has a modular design that offers more flexibility than standard Roadheaders and works in most rock conditions up to 100 MPa compressive strength.
- General Model Specifications:
 - Total Weight (+/-5): 120 Tons
 - Machine Ground Pressure: 0.22 MPa
 - Overall Length: ~ 20m
 - Height: 5.1m

- Loading Table Width: 4.56m
 - Cutter Boom Telescope: 1200mm
 - Cutting Height, Max: 7.1m
 - Cutting Width, Max: 10.3m
 - Undercut - Extended Telescope: 750mm
 - Cutter - Retracted Telescope: 115mm
 - Cutting Speed, 50 Hz: 1.5m/sec
 - Cutter Head Speed: 2.68m/sec
 - Navigable Gradient, Incline/Decline: $\pm 18^\circ$
 - Capacity of Conveyor, Max: 350m³/h
 - Electric Supply Voltage: 1000/1140 Volts
 - Cutter Motor: 315kW
 - Trimming Speed: 0-20m/min
 - Total Installed Power: 537kW
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- Overall Dimensions:
 - Length: 20m
 - Width: 4.56m
 - Height: 5.1m
 - Weight: 120,000 Kgs
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- Location: Western Canada

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