

Sandvik MT520 & MT720 Roadheaders Package [Inventory ID #1271419]



Sandvik MT520 & MT720 Roadheaders Package

Sandvik Inspection Reports Done and Available

Quantity: 4 Units

- Sandvik MT520 (3 Units)
 - Make: Sandvik
 - Model: MT520
 - Type: Roadheader
 - Serials: 023, 025, 026,
 - Condition: Used, Reported In Good Condition
 - Years:
 - 023: 2016
 - 025: 2016
 - 026: 2017
 - Hours:
 - 023:
 - Hydraulic Motor: 5,542 Hours
 - Cutting Head Motor: 3,756 Hours
 - 025:
 - Hydraulic Motor: 1,564 Hours
 - Cutting Head Motor: 1,048 Hours
 - 026:
 - Hydraulic Motor: 2,817 Hours
 - Cutting Head Motor: 1,705 Hours
- Description: The Sandvik Roadheaders are 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: ±18°
 - Capacity of Conveyor, Max: 350m³/h
 - Electric Supply Voltage: 1000/1140 Volts
 - Cutter Motor: 315kW
 - Tramming Speed: 0-20m/min
 - Total Installed Power: 537kW

- Overall Dimensions:
 - Length: 20m
 - Width: 4.56m
 - Height: 5.1m
 - Weight: 120,000 Kgs

- Sandvik MT720 Roadheader
 - Make: Sandvik
 - Model: MT720
 - Type: Roadheader
 - Serial: 084

- Hours:
 - Hydraulic Motor: 7282 Hours
 - Cutting Motor: 5141 Hours
- Year: 2015

- Description: Sandvik MT720 is an electrically powered and crawler-mounted boom-type Roadheader which is engineered to cut hard and abrasive rock mass of up to 140 MPa unconfined compressive strength (UCS), and in extreme cases of even up to 180 MPa in tunneling applications. This extremely powerful 100+ tons-class Roadheader has a powerful transversal cutter head mounted on an extremely robust telescopic boom.

- General Model Specifications:
 - Total Weight (+/-5): 130t
 - Machine Ground Pressure: 0.25MPa
 - Overall Length: 19.35m
 - Height: 4.62m
 - Loading Table Width: 4.56m
 - Cutter Boom Telescope: 650mm
 - Cutting Height, Max: 6.6m
 - Cutting Width, Max: 9.1m
 - Undercut -Extended Telescope: 480mm
 - Cutter - Retracted Telescope: 230mm
 - Cutting Speed, (50Hz): 1.4m/sec
 - Navigable Gradient, Incline/Decline: $\pm 18^\circ$
 - Capacity of Conveyor, Max: 400m³/h
 - Electric Supply Voltage: 1000/1140 Volts
 - Cutter Motor: 300kW
 - Tramming Speed: 0-18m/min
 - Total Installed Power: 522kW

- Overall Dimensions:
 - Length: 19.35m
 - Width: 4.56m
 - Height: 4.62m
 - Weight: 135,000 Kg

- Location: Western Canada

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