

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



Sandvik MT520 & MT720 Roadheaders Package

Sandvik Inspection Reports Completed and Available

**Now Located at Our Site in Savona, B.C. Canada!
Inquire Today!**

Quantity: 4 Units 3 Units Remaining

- 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
 - Cutter Head: R315-IC39
 - Optimum Application: Rock with Compressive Strength from 40-60 MPa
 - Tipped: 39 Pick Boxes for 38/30mm, 38mm or 30mm Shank Diameter Picks
 - Diameter: 1430mm
 - Width: 1160mm
 - 025:

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- Hydraulic Motor: 1,564 Hours
 - Cutting Head Motor: 1,048 Hours
 - Cutter Head: R315-IC39
 - Optimum Application: Rock with Compressive Strength from 40-60 MPa
 - Tipped: 39 Pick Boxes for 38/30mm, 38mm or 30mm Shank Diameter Picks
 - Diameter: 1430mm
 - Width: 1160mm
 - 026:
 - Hydraulic Motor: 2,817 Hours
 - Cutting Head Motor: 1,705 Hours
 - Cutter Head: R315-IC39
 - Optimum Application: Rock with Compressive Strength from 40-60 MPa
 - Tipped: 39 Pick Boxes for 38/30mm, 38mm or 30mm Shank Diameter Picks
 - Diameter: 1430mm
 - Width: 1160mm
 - 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:
 - General Data:
 - Total Length with Belt Conveyor: 20,000mm (Approx.)
 - Total Length: 12,900mm (Approx.)
 - Machine Width - Chassis: 3,695mm
 - Machine Width - Tracks: 3,300mm
 - Min Travel Height: 4,800mm (Approx.)
 - Total Height: 4,950mm
 - Loading Table Width: 4,620mm
 - Crawler Track Width: 800mm
 - Total Weight Basic Machine: 123 Tons (Approx.)
 - Ground Clearance: 242mm
 - Total Available Power: 537kW
 - Machine Ground Pressure: 0.23 MPa

- Navigable Area of Application:
 - Cone Radius - Min: 25m (Approx.)
 - Basin Radius - Min: 20m (Approx.)
 - Max Side Tilt Angle during Trimming: $\pm 5^\circ$
 - Max Front Tilt Angle During Trimming: $\pm 18^\circ$
 - Cuttable Uniaxial Compressive Strength: 80-140 MPa
 - Power Supply: 1000 Volt / 60Hz
- Cutter Head:
 - Max Cutting Height Above Track Level: 7,100mm
 - Min Cutting Height above Track Level: 6,350mm
 - Cutting Width: 7,900-9,300mm ($\pm 37^\circ$ Horizontal Angle)
 - Max Undercut Below Floor Level: 750mm
 - Head Diameter: 1,460mm
 - Head Width: 1,160mm
 - Max Cutting Speed: 1.5m/sec
 - Optimum Swivel Speed: 0.05-0.08m/sec
 - Cross-Sectional Area to Floor Level: 47-70m²
 - Available Power: 315kW
- Loading Device:
 - Device: Spinner
 - Loading Capacity: 350m³/h Max.
 - Loading Width: 4,620mm
 - Loading Device Height Above Floor Level: 635mm
 - Loading Device Height Below Floor Level: 230mm
 - Available Power: (2) 36kW
- Conveyor:
 - Conveyor Width: 840mm
 - Conveyor Chain Speed: 0.5-0.9 m/sec
 - Conveyor Capacity: 350m³/h Max
 - Installed Power (Hydraulic Driven): 90kW
- Swivel Belt Conveyor:
 - Swivel Belt Conveyor Width: 1,000mm
 - Swivel Belt Conveyor Overhang: 6,600mm
 - Swivel Belt Conveyor Chain Speed: 2m/sec Max
 - Swivel Belt Conveyor Max Discharge Height: 6,000mm
 - Swivel Belt Conveyor Min Discharge Height: 3,500mm
 - Available Power: 25kW
- Frame/Crawler Track:
 - Trimming Speed: 0-18 m/min
 - Track Force Per Track: 465kN
 - Track Overall Width - Track Exterior: 3,300mm (Approx.)
 - Track Ground Length: 3,800mm (Approx.)
 - Track Chain Width: 800mm
- Electrical System:
 - Electrical Potential: 1000 Volt / 60Hz

- Available Power:
 - Cutter Motor - Water Cooled: 315kW
 - Rotational Speed: 1475 RPM
 - Nominal Torque: 1,942Nm
 - Hydraulic Motor - Air Cooled: 150kW
 - Rotational Speed: 1489 RPM
 - Nominal Torque: 962Nm
 - Loader Motors - Water Cooled: (2) 36kW
 - Rotational Speed: 1450 RPM
 - Nominal Torque: (2) 237Nm
- Hydraulic System:
 - Available Power: 150kW
 - Pressure - Machine: 280 bar
 - Pressure - Chain Conveyor: 330 bar
 - Tank Capacity: 480 Liters
 - Total Oil Capacity: 680 Liters
- Water System:
 - Quantity of Water, min.: 43 L/min
 - Pressure: 4 bar Min, 20 bar Max
 - Water Temperature: 12-35° C
 - Spraying System Type: Cutterhead and Cabin
- Additional Equipment:
 - Fire Protection: Fire Suppression/Detection System + (2) Hand Extinguishers
- Overall Dimensions:
 - Length: 20m (20,000mm)
 - Width: 4.62m (4,620mm)
 - Height: 5.15m (5,150mm)
 - Weight: 123 Tons (123,000 kgs)
- Sandvik MT720 Roadheader - **SOLD**
 - 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: Savona, British Columbia, Canada

View More [Roadheaders](#)

Watch YouTube Video Here: https://www.youtube.com/watch?v=_lBd1Gq-Bgo