



Mine + Tunnel Constructions

Mitsui S300M Roadheader – Low Profile



EQUIPMENT SPECIFICATIONS

<u>Serial Number</u>	3M07
<u>Total Length:</u>	16.8 mtrs (including rear conveyor)
<u>Total Height:</u>	2.3 mtrs (Chassis)
<u>Total Width:</u>	3.8 mtrs (2.8 mtrs between tracks)
<u>Total Weight:</u>	85 T (approx)
<u>Max Cutting Height:</u>	5.5 mtrs
<u>Min Cutting Height:</u>	2.6 mtrs
<u>Max Cutting Width:</u>	6.7 mtrs
<u>Min Cutting Width:</u>	3.8 mtrs

Motors:

- **Cutting – Oil Cooled**
 - Low Speed – 200kW**
 - High Speed – 300 kW**
- **Pump Motor – Air Cooled – 90kW**
- **Water Pump Motor – Air Cooled –22kW**
- **Second Conveyor – Air Cooled – 5.5kW**

Tram Speed: high 7.6 M/Min, Low 3.8 M/Min

Sump Depth: 600 mm

Cutting Section: 40M₂ (From one location)

Rock Strength Cutting Rating 130 mpa