



# SL120M

## CONTINUOUS MINER



*SL120M at Dosco's Tuxford site*

The SL120M is the only Continuous Miner with the flexibility to convert to a Roadheader Mode with interchangeable axial, or transverse cutting booms.

Incorporating the latest technology the SL120M achieves high production rates from its 224 kW electrically driven drum.

The addition of the proven 'Hydramatic' Bolters allows rapid advance with roof and rib bolting in a roadway size of 4500 mm wide by 2500 mm high. Optional remote or radio control is available, and the machine is equipped with advanced filtration and fault/health monitoring systems



*SL 120M Continuous Miner*



*SL 120H Roadheader (axial boom)*



**YOUR PARTNER**  
**FOR ALL ROUND QUALITY AND RELIABILITY**



## SL 120M Specification

### Machine size

Height	1630 mm
Width over jib	3420 mm
Width over body	1837 mm
Width over apron	3330 mm
Length	10725 mm
Weight	43.2 tonnes

### Cutting

Cutter Diameter	980 mm
Cutter Width	3420 mm
Cutter Speed	50.3 rpm
Power Input	224 kW

### Jib Forces

Min. Lift Force	5.53 tonnes
Max. Lift Force	9.8 tonnes
Min. Lowering Force	14.5 tonnes
Max. Lowering Force	19.26 tonnes

### Cutting Area

Max. Height	3576 mm
Min. Height	1900 mm

### Traction

Tractive Effort	288 kn.
Flitting Speed	16.4 m/min
Sumping Speed	2.66 m/min
Ground Pressure	2.4 kg/cm <sup>2</sup>
Drive	Hydraulic
Tracks	Caterpillar
Max. Gradient	25%

### Powerpack

Motor	97 kW
Pumps	1 (6 Section)
Capacity	9.5 lit/sec
Pressure	140 bar
Oil Capacity	600 litres

### Scraper Conveyor

Type	Centre Strand
Speed	1.84 m/sec
Conveyor Slew	45°
Throat Size	300 mm
Width	660 mm
Drive	Hydraulic

### Gathering

Spinner Speed	47 rpm
Drive	Hydraulic



## HYDRAMATIC BOLTERS

- Hydramatic are a well established Australian company
- Over 20 Years underground experience.
- Over 100 Machine mounted systems operating
- Exclusive arrangement to fit Hydramatic equipment to Dosco machines world-wide.

## Rib Bolter 5000/1150

Max Extension	2000 mm
Rotation Speed	600 / 730
Feed Rate	6 – 20 m/min
Stroke	2 Stage – Hydraulic/ Chain
Working Pressure	172 bar
Torque	250 NM @ 160 bar
Water	20 lit/min @ 14 bar

## Roof Bolter 4000/1650

Max Extension	2671 mm
Rotation Speed	620 rpm
Feed Rate	0 – 20 m/min
Stroke	2 Stage – Hydraulic / Chain
Working Pressure	172 bar
Torque	340 NM
Water	20 lit/min.

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*PLEASE NOTE – Data is intended as a guide only as machines may vary according to specification requirements.*



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