



A **TATA** Enterprise

Side Discharge Loaders



TECHNICAL SPECIFICATIONS

Bucket Capacity (Standard)	1.0 m ³ /1.5m ³
Travelling Speed (max.)	2.6 kmph
Total Weight	8500 kgs/9000 kgs
Ground Pressure	0.9 kg/cm ²
Tractive Force	5200 kgs
Breakout Force	3000 kgs
Electrical Components	Flame proof for underground gassy mines
Negotiable gradient for driving and loading	1:4, cross gradient 1:6
System pressure (max.)	125 bar
Traction motors	Radial piston fixed displacement type
Payload (max.)	2.0 MT
Drive Power (max.)	55 KW
Hydraulic medium	HFB 68

The M412 crawler mounted side discharge loader is a low profile high output machine. The latest developments in the fields of hydraulics and fabrication and underground work are considered while designing the loaders and they are developed to offer maximum benefit to the mining industry. Flameproof electricals make them suitable for operation in gassy mines.

SPECIAL FEATURES

Outstanding power/weight ratio; Low heat generation; Low center of gravity; Low specific base pressure; Fail safe parking brake; Track aligning guards; powerful flood lights; Emergency stops; Deadman switch; Heavy Duty construction; Protection of sprocket from ingress of dust.

The manufacturer reserves the right to change the specifications and/or design, of this machine at any time without notice.

The other variants of Side Discharge Loaders available are

- Extra Low Height - 1.0 cum bucket capacity.
- Standard Height with CRD arrangement - 1.0 cum bucket capacity.

All the above machines are approved by DGMS, India for use in underground coal mines.

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