

AUTOMATED MILL SUPPORT

ROD CHARGER

★ **THE LIGHTNING ROD** ★

Built for speed and safety on the mill floor – an extendable boom charges rods straight into place, cutting downtime during replenishment.



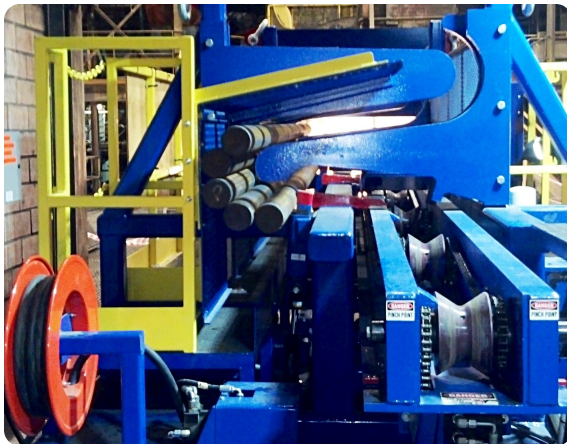
ROD REPLENISHMENT

EXTENDABLE BOOM

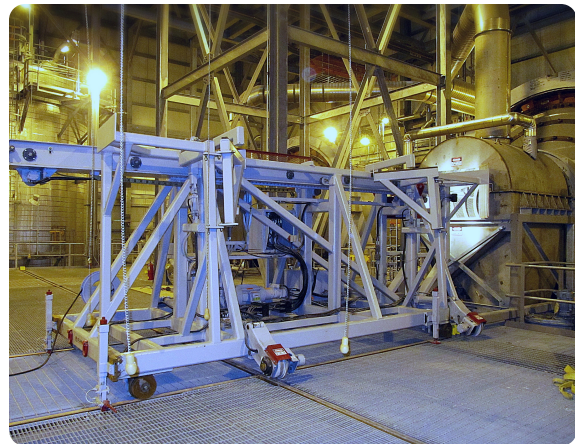
CUSTOMIZABLE DESIGN

REDUCED DOWNTIME

The finest mining equipment in the world, with over **60 years** of experience.



Feeding rods into the mill trunnion.



Rod Charger positioned at the mill trunnion.



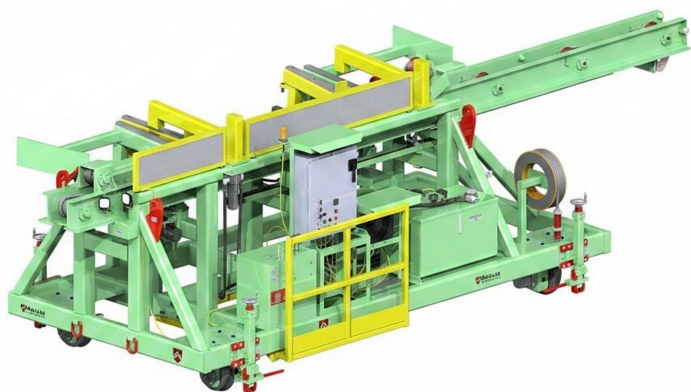
SERVING THE INDUSTRY SINCE 1966



AMERICAN-MADE
EXCELLENCE

ROD CHARGER

AUTOMATED ROD REPLENISHMENT FOR ROD MILLS.



Main beam shown in retracted position.

STANDARD

- (4) lift eyes for overhead crane placement
- Corner-mounted eye, clevis, or rail clamp hold-downs (4)
- Operator platform w/ controls & electric panel
- Rod rack sized to loading cycle time
- Retractable main beam, powered "V" rollers
- Variable speed rod loading control
- Multi-size rod loading mechanism
- NEMA 4/4X electric panel
- 380-690 VAC, 3-phase incoming power
- 20 HP / 15 kW motor - 15 GPM / 57 LPM
- 100' trailing power cable
- Beacon light & LED work lights
- 60 gal / 227 L hydraulic reservoir
- Variable-displacement axial-piston pump
- Thermostatic oil cooling & heating
- Machine cover included
- Multi-language operator/maintenance manual
- Start-up commissioning & training included

MAJOR COMPONENTS

- 1 CHASSIS**
Crane-liftable structure anchored in front of the mill; houses hydraulic & electrical systems and the rod supply.
- 2 ROD RACK**
Queues rods for a constant feed, sized to your loading cycle time to minimize downtime.
- 3 MAIN BEAM**
Extends into the trunnion; powered "V" rollers drive rods into the mill at variable speed.
- 4 POWER SYSTEMS**
NEMA 4/4X electric panel, 20 HP motor, 60-gal hydraulic reservoir w/ thermostatic cooling & heating.

OPTIONAL

- Polyurethane all-wheel drive system
- Additional rod racks for increased capacity
- Retracting beams for compact storage
- Vertical / top loading rod design
- Remote control operation
- CE / UL / CSA panel certification
- Foreign-language manual

THE MCLELLAN ADVANTAGE

- Extendable boom delivers rods directly through minimal trunnion openings — no manual handling required.
- Rod rack keeps a constant queue feeding the mill, cutting rod-loading downtime.
- Fully customizable — wheel or rail drive, rod racks, retracting beams, vertical loading — built around your mill.



Boom shown at full extension.



Main beam and rod rack, front view.

COMPLETE DESIGN, FABRICATION, & FIELD SERVICE SUPPORT

ENGINEERING AND R&D SPECIALISTS AVAILABLE

Manufactures & dealers of:

Rod chargers & mill rod handling systems · Bolt busters & hydraulic power units · Mill liner handlers · Monorail suspension systems

Systems & supplies:

Custom hydraulic & electrical systems · NEMA-rated control panels · Rod racks & loading actuators · Trailing cable & hose sets

Parts & equipment:

Replacement rollers & wear parts · Hydraulic pumps & motors · New and used mining support equipment · Complete line of mining support equipment

Corporate Office - Sales

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Manufacturing Facility - Sales

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