MEADOWELD MACHINE

Manufacturing Support Equipment and Material Handling Equipment for the Railroad Industries

•Engineering •Consulting •Fabricating •Machinery

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Production Rail Saw Products

Our new generation of Production Rail Saws offer versatility in portable, abrasive rail cutting:

- Extra heavy-duty construction for years of dependable service.
- Superior spark retention (abrasive cutting sparks are confined to the track center under the machine).
- Equipped to use a 28-inch abrasive saw blade.
- Optional Pendant controlled Power Feed System that improves blade life and virtually eliminates operator fatigue.
- Optional Power Assist Kit enabling the operator to move the saw to the next cut at a walking speed using a pendant control
- 180° saw head rotation, eliminating machine turning (Model RS-98).
- Air-cooled diesel engine.
- Increased fuel capacity.

Meadoweld Machine Proprietary

RS-98 Nu-Bear

DESCRIPTION:
Meadoweld Machine Inc. Model RS-98 “Nu-Bear” Diesel Powered 26”-28” Abrasive Production Rail Saw with 180° Rotating Saw Head and Manual Feed. Optional Pendant Controlled Power Feed and Power Assist Kit.

Includes the following features:

- Hatz 3M41Z, 49 horsepower, air-cooled, 3-cylinder diesel engine.
- Engine L.E.D.’s including hour meter.
- Heavy-duty 12 volt electric starter and 60 AMP alternator charging system.
- Heavy-duty tie down rings for ease of transport.
- Patented oscillation rail cutting system to reduce area of abrasive wheel contact assuring a safe and efficient operation.
- “Posi-Lock” for quick and accurate saw head location
- 14-inch diameter cast rail wheels mounted on extra heavy-duty 1-11/16 inch axles with double row “Timkin” roller bearings and disk type parking brake.
- Manual spark arrestor (both sides) with spark deflecting belly pan.
- Weatherproof and lockable storage box for abrasive wheels.
- Center lifting bale for crane handling.
- Quick action adjustable rail clamps designed to accommodate all rail sizes.
- Master switch mounted in lockable enclosure.
- Quick action abrasive wheel guard for ease of blade replacement.

RS-98 Nu-Bear Rail Saw

OPTIONAL POWER FEED SYSTEM

Push-Button Pendant Controlled Saw Head **Power-Feed System** with rapid return operated from a pendant control, which provides a smooth and steady cutting feed rate assuring longer blade life. More importantly, this option allows the operator to stand in a safe location away from the abrasive cutting area.

OPTIONAL POWER ASSIST KIT

Power Assist Kit allows the operator to move the saw to the next cut via a DC electric motor and speed reducing gear box. Operation of the Power Assist Kit is performed with an independent Pendant Control with speed limited to 2 mph.

Key Features of the Power Assist Kit are as follows:

- The Power Assist Kit includes a DC Motor and Gear Reducer limiting the rear axle shaft to a walking speed (2 mph max). Stopping would be performed using the pendant control to control forward/reverse motor direction. Supplemental manual brake with (2) levers located on either side of the machine for ease in access.
- Clutch engagement (manually) to protect the DC Motor and Gear Reducer if the Rail Saw is towed at higher speeds.
- Heavy-duty Drive Sprocket and Axle Sprocket, Chain Driven.

RS-100

DESCRIPTION:
Meadoweld Machine Inc. Model RS-100 Diesel Powered 26”-28” Abrasive Production Rail Saws with Manual Feed - cuts on one side of the track.

Includes the following features:

- Hatz 3M41Z, 49 horsepower, air-cooled, 3-cylinder diesel engine.
- Engine L.E.D.’s including hour meter.
- Heavy-duty 12 volt electric starter and 60 AMP alternator charging system.
- Heavy-duty tie down rings for ease of transport.
- Patented oscillation rail cutting system to reduce area of abrasive wheel contact assuring a safe and efficient operation.
- 14-inch diameter cast rail wheels mounted on extra heavy-duty 1-11/16 inch axles with double row “Timkin” roller bearings and disk type parking brake.
- Manual spark arrestor (both sides) with spark deflecting belly pan.
- Weatherproof and lockable storage box for abrasive wheels.
- Center lifting bale for crane handling.
- Quick action adjustable rail clamps designed to accommodate all rail sizes.
- Master switch mounted in lockable enclosure.
- Quick action abrasive wheel guard for ease of blade replacement.

RS-96

DESCRIPTION:
Meadoweld Machine Inc. Model RS-96 Diesel Powered 26”-28” Abrasive Production Rail Saws with Manual Feed - cuts on one side of the track.

Includes the following features:

- Hatz 4M41Z, 65 horsepower, air-cooled, 4-cylinder diesel engine.
- Engine L.E.D.’s including hour meter.
- Heavy-duty 12 volt electric starter and 60 AMP alternator charging system.
- Heavy-duty tie down rings for ease of transport.
- Patented oscillation rail cutting system to reduce area of abrasive wheel contact assuring a safe and efficient operation.
- 14-inch diameter cast rail wheels mounted on extra heavy-duty 1-11/16 inch axles with double row “Timkin” roller bearings and disk type parking brake.
- Manual spark arrestor (both sides) with spark deflecting belly pan.
- Weatherproof and lockable storage box for abrasive wheels.
- Center lifting bale for crane handling.
- Quick action adjustable rail clamps designed to accommodate all rail sizes.
- Master switch mounted in lockable enclosure.
- Quick action abrasive wheel guard for ease of blade replacement.

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