

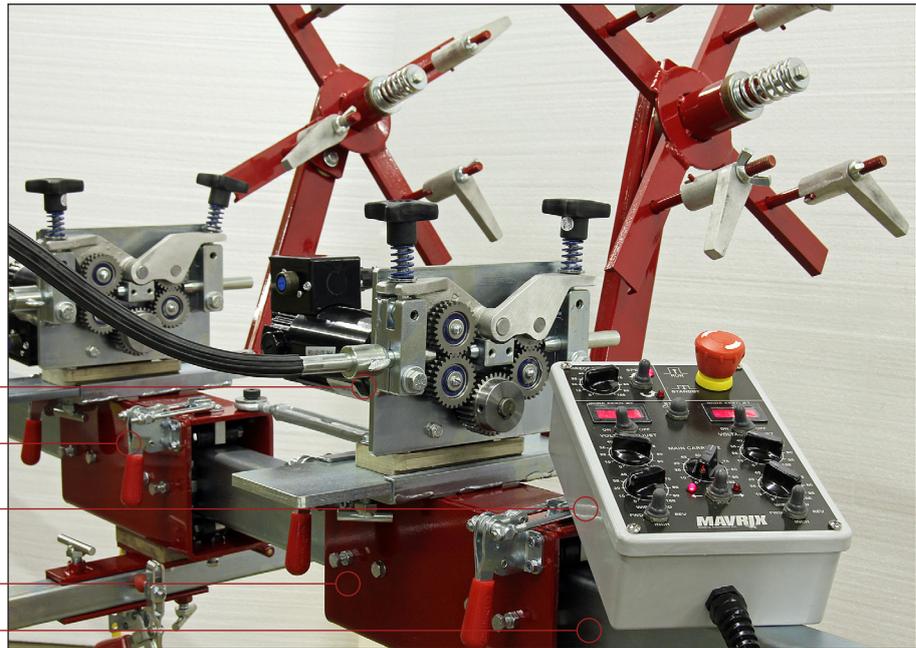
Wire Feeder &
60# Coil Reel

Slave Opening
Weld Carriage

Operator Pendant

Motorized Opening
Weld Carriage

Travel Beam



CAR SHREDDER REBUILD SYSTEM COMPONENTS SERIES 130

The rotor disc welding system is used to maintain the OD of the rotor extending the life of the assembly 2 to 3 times. Features of the system include:

Motorized Carriage Assembly:

A 90 VDC gearmotor and a rack and pinion system provides the carriage motor for the driver and driven carriages.

Travel Beam:

The travel beam is a 2" x 3" structural steel custom made to fit your shredder. Two support legs and mounting pockets are provided for quick system assembly.

Wire Feeder:

The PA-10 (4) Wire Feeder is mounted atop the motorized carriage assembly. 60 lb. coils of weld wire install on the wire reel provided.

Rotor Rotation Gearmotor:

A ½ HP motor and gearbox provide the rotor rotation. Chain and sprockets provide the proper rotation speed.

Control with Operator's Pendant:

Main control contains the main circuit board and motor drives. The pendant is hard wired to the control. The entire machine runs using a single 120 VAC 15 amp circuit.

Trip Switch:

A trip switch is mounted on the rotor drive plate and provides a signal once per revolution to step over the carriages.

Rotary Weld Ground:

An 800 amp or 1500 amp rotary weld ground is provided and is welded to the primary drive plate.

Weld Nozzle Assembly:

The weld nozzle "Torches" are manufactured from heavy wall copper and use an internal spring liner. The torch provides 5" of vertical adjustment.



RECYCLING



SHREDDER DISC MAINTENANCE

- Extends the rotor life 2 to 3 times
- Consistent maintenance of the rotor maintains proper roll size
- Automatically rebuilds shredder discs in place
- Cuts welding costs 60% - 70% over stick electrodes
- Deposits up to 25 to 30 pounds of weld metal per hour per torch
- Opening carriage design allows the system to be installed by a single operator
- Remote pendant operation allows the operator to be clear of welding arc, assuring maximum comfort and safety

