

MAVRIX

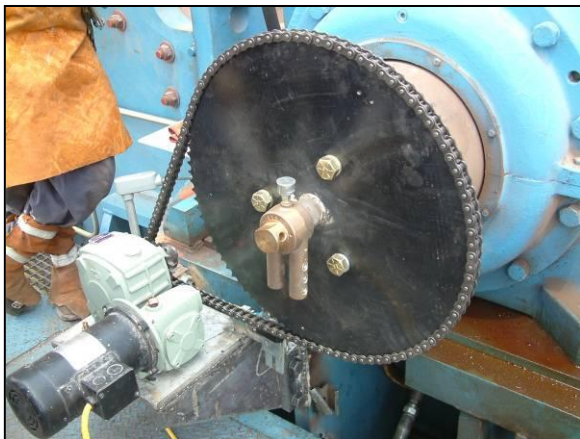
Welding Automation Inc.

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CAR SHREDDER DISC REBUILD SYSTEM

- Automatically rebuilds shredder discs in place.
- Cuts welding costs 50% or more, and designed for easy mounting.
- Deposits up to 25 pounds of weld metal per hour minimizing downtime.
- Easy, frequent rebuilding maintains roll size and proper shredder performance.
- Remote pendant operation allows the operator to be clear of welding arc, assuring maximum comfort, safety, and production.
- Reduces your cost per ton by extending the life of your discs.



FOR MORE INFORMATION, PLEASE CALL, WRITE or EMAIL

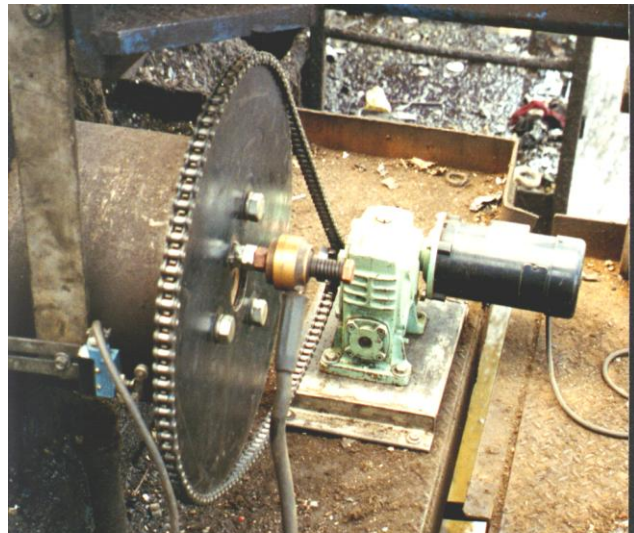
MAVRIX AUTOMATIC WELDING

mavrixweld@ameritech.net www.mavrixweld.com

W182 S8363 RACINE AVENUE * MUSKEGO, WI. 53150 * (262) 679-3800 * FAX (262)679-3060

CAR SHREDDER REBUILD SYSTEM COMPONENTS SERIES 130

1. **Motorized Carriage Assembly:** The unit includes a rack-and-pinion gear system for accurate and repeatable weld positioning. A clutch is provided for easy disengagement of the drive motor, which allows quick positioning of the weld nozzle. A dual carriage weld system is also available.
2. **Travel Beam:** The standard travel beam is a 2" x 3" rectangular steel section 135 inches long. Two support legs are provided. The leg size (height) is determined by the rotor disc diameter.
3. **Wire Feeder:** Our PA-10 Wire Feeder is mounted atop the motorized carriage assembly. We recommend using 60 lb. coils of weld wire as shown to minimize wire feed problems.
4. **Rotor Rotation Gearmotor:** This gearmotor is used to turn the rotor at welding speeds 20 to 40 ipm. Sprockets and chain are also provided.
5. **Control with Operator's Pendant:** The main control box contains the DC motor control boards and associated 24V circuitry. The operator control is a convenient 3 1/2" x 3 1/2" x 10 1/2" fiberglass box. Our new Series 130 contains a digital weld voltmeter.
6. **Trip Weld Index Switch:** A trip switch is provided to index the carriage after each revolution.
7. **Rotary Weld Ground:** A 500 amp rotary ground is included.
8. **Weld Nozzle Assembly:** The copper weld nozzle with internal spring liner mounts off the motorized carriage and weld arm. The weld arm is easily adjustable in and out. The nozzle adjuster allows ± 4 inches of wire stick-out control.



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