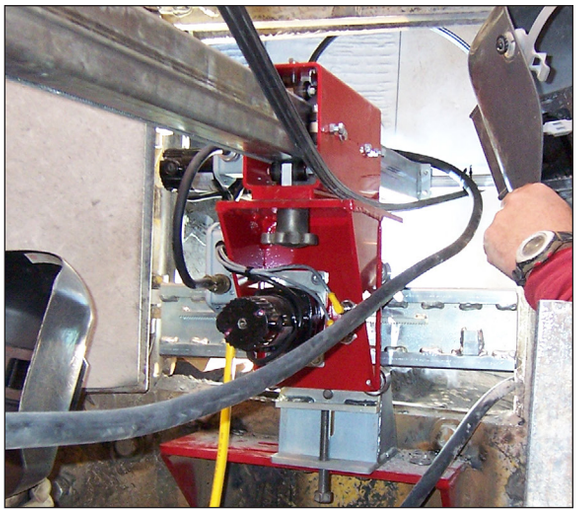
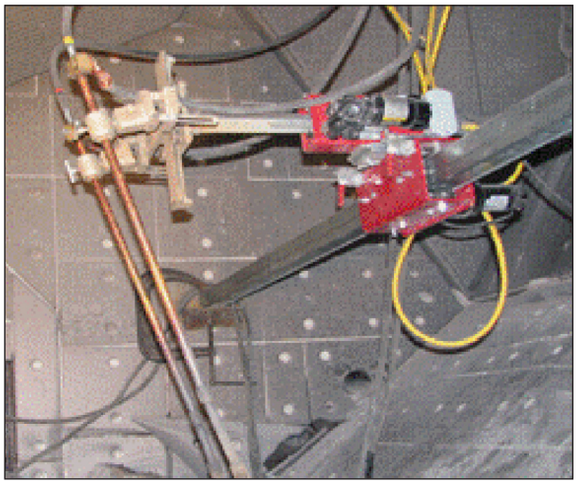
AGGREGATE

Mavrix manufactures two primary types of aggregate welding system. The Impact-O-Weld line of equipment for impeller bar crushers and the Roll-O-Matic for two and three roll crushers.

IMPELLER BAR REBUILDING SYSTEM

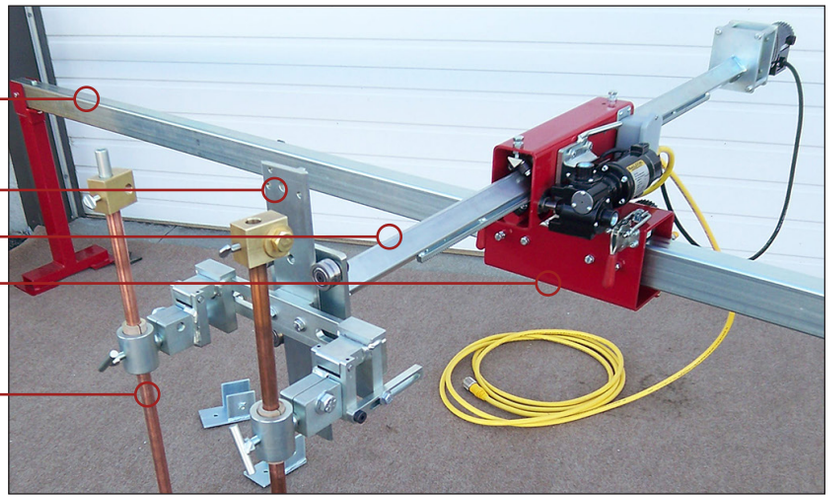
The IMPACT-O-WELD series has nine model variations to meet the customer's application requirements. All machines sold will go through development of a 3D model to provide a clear image of how we can reach the bars to be welded.





Typical Content:

- X-Y Axis dual motorized carriage assembly
- Full X-Y-Z motion possible
- Custom fit X-Axis travel beam
- Weld arm assembly In/out motion
- PA-10 (4) Roll Wire Feeder
- Adjustable Weld Nozzle Option
- Mounting leg options
- IOW Control system with Pendant
- Single or dual torch



AGGREGATE

ROLL CRUSHERS

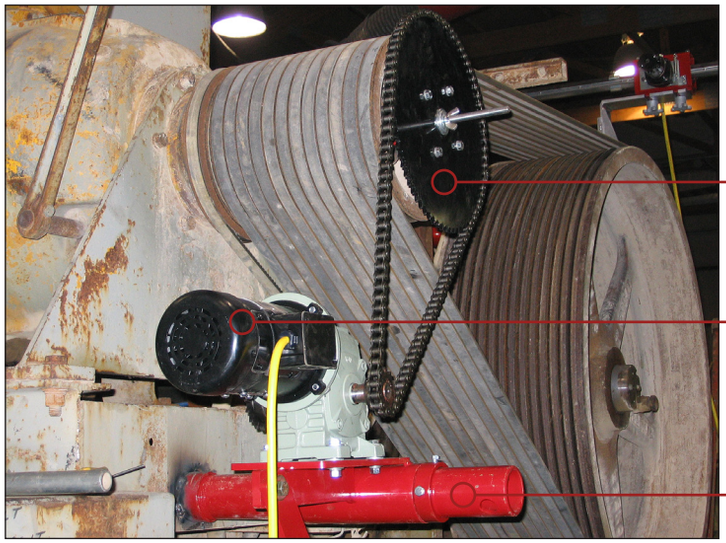
The Roll-O-Matic can be used to rebuild two or three roll crushers by directly mounting to the outside using mounting plate provided.

Standard content includes:

- Rack & pinion drive weld arm carriage
- Structural steel weld arm with extension
- Torch angle adjustor and air cooled open arc torch
- PA-10 (4) roll heavy duty wire feeder
- Turn table or coil wire delivery system
- Rotation drive system with welding ground and trip switch

ROLL-O-MATIC 130 CONTROL

A pendant control for ease of operation while maintaining a safe working distance.



Run/Standby: Starts and stops the power supply and welding process.
Timer: Controls the step over time or roll index with striping.
Mode: "Wrap" mode is used for circumferential welding to build up the body and ST or strip time is used for putting down longitudinal stripes

Crusher Drive: Controls the speed at which the roll is indexed or is rotating during a circumferential wrap.
Carriage: Controls the speed of the carriage motor during step over or stripe mode. Speed and time controls step over size.
Wire Feeder: Controls the speed of the wire feeder and ultimately the amperage.