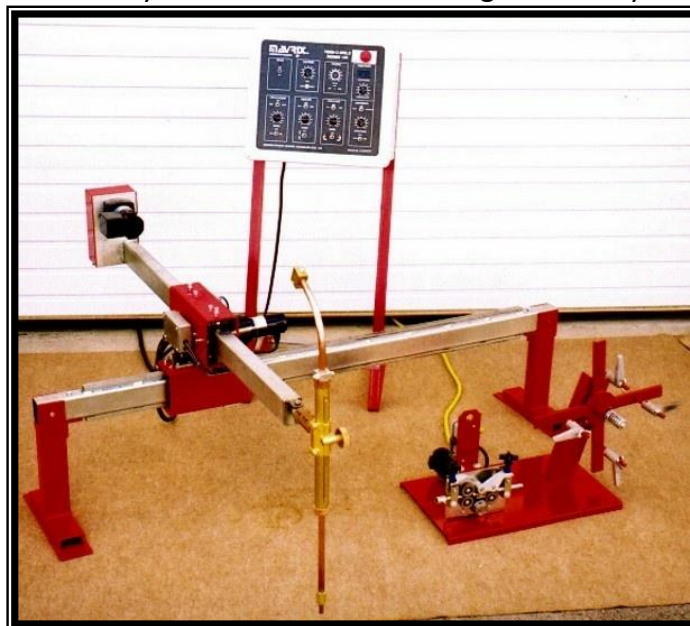




VERS-O-WELD 25

Automatic Welding Surfacing System

This is our fully automatic surfacing/welding system. This system is highly configurable to accomplish nearly any flat or cylindrical welding need. Capable of open arc, gas shielded, sub-arc, carbide dispensing, interrupted welds, oscillation weld weave and circumferential ID/OD. Purchase the system and install yourself or let Mavrix design a turnkey solution for you.



VERS-O-WELD Series 25 Specifications

- 72" long Main X-axis beam with 48" of travel
- 54" long Y-axis weld arm with 39" of travel
- 90 VDC Gear motor driven X & Y axis with easily adjustable travel limits
- 4 roll wire feed system with reel for 60lb coils
- Control console with stand
- No programming required
- 10" adjustable welding nozzle for on the fly adjustment
- Contactor cable provided for connection to customer provided power supply for automatic control
- Net weight 375 lbs.
- Weld power control integrated in the control

FOR MORE INFORMATION, PLEASE CALL, WRITE or EMAIL

MAVRIX AUTOMATIC WELDING

info@mavrixweld.com www.mavrixweld.com

3020 S. Calhoun Road * New Berlin, WI. 53151 * (262) 439-8477 * FAX (262) 4399-8877

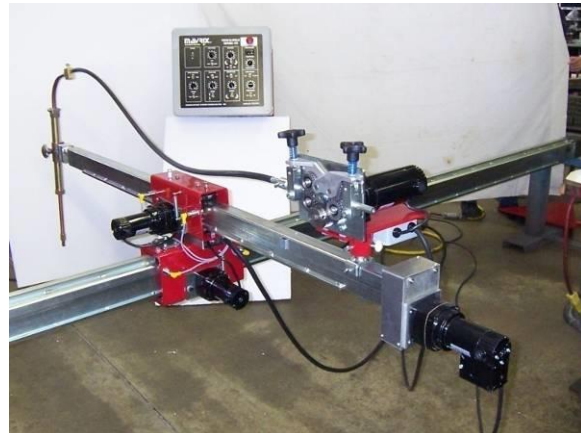
VERS-O-WELD Series 25 Options

- Increased travel lengths up to 10 ft. on the main beam and 6 ft. on the weld arm (for longer travels refer to the VOW45)
- Automatic step over switch for performing circumferential welding
- Arc interruption kit to create intermittent welds in a straight line motion
- Sub-arc kit includes a 15 lb. capacity hopper, flux nozzle and manual gate valve
- Tungsten carbide dispensing system with automatic start/stop control
- Gas shielded nozzle with solenoid valve for automatic gas control
- Auto Pak 300 lb or 1000 lb wire delivery turn table in place of 60 lb. coil reel
- Encoder based motion control for programmable travel lengths
- Power Z torch axis for remote torch height adjustment or automatic motion
- Rotary torch motion parallel or perpendicular to the torch beam
- Torch oscillation motion parallel to the torch beam while maintaining complete range in X-Y

VOW25 with Carbide Dispenser Option.



VOW25 with powered rotary torch option.



VERS-O-WELD Series 25 Control Console

(Control shown is fully populated for 5 axis control)

1. Main power
2. Run/Standby: Run mode starts automatic welding cycle
3. Step Timer: Controls duration of step between configurable axis
4. Optional: Use for control of optional torch motions
5. Weld Power: Regulates the power supply voltage
6. Main Carriage: Mode and speed control
7. Weld Arm: Mode and speed control
8. Rotary Axis Option: Controls an auxiliary motor
9. Wire Feeder: Mode and speed to vary the amperage of the welding process



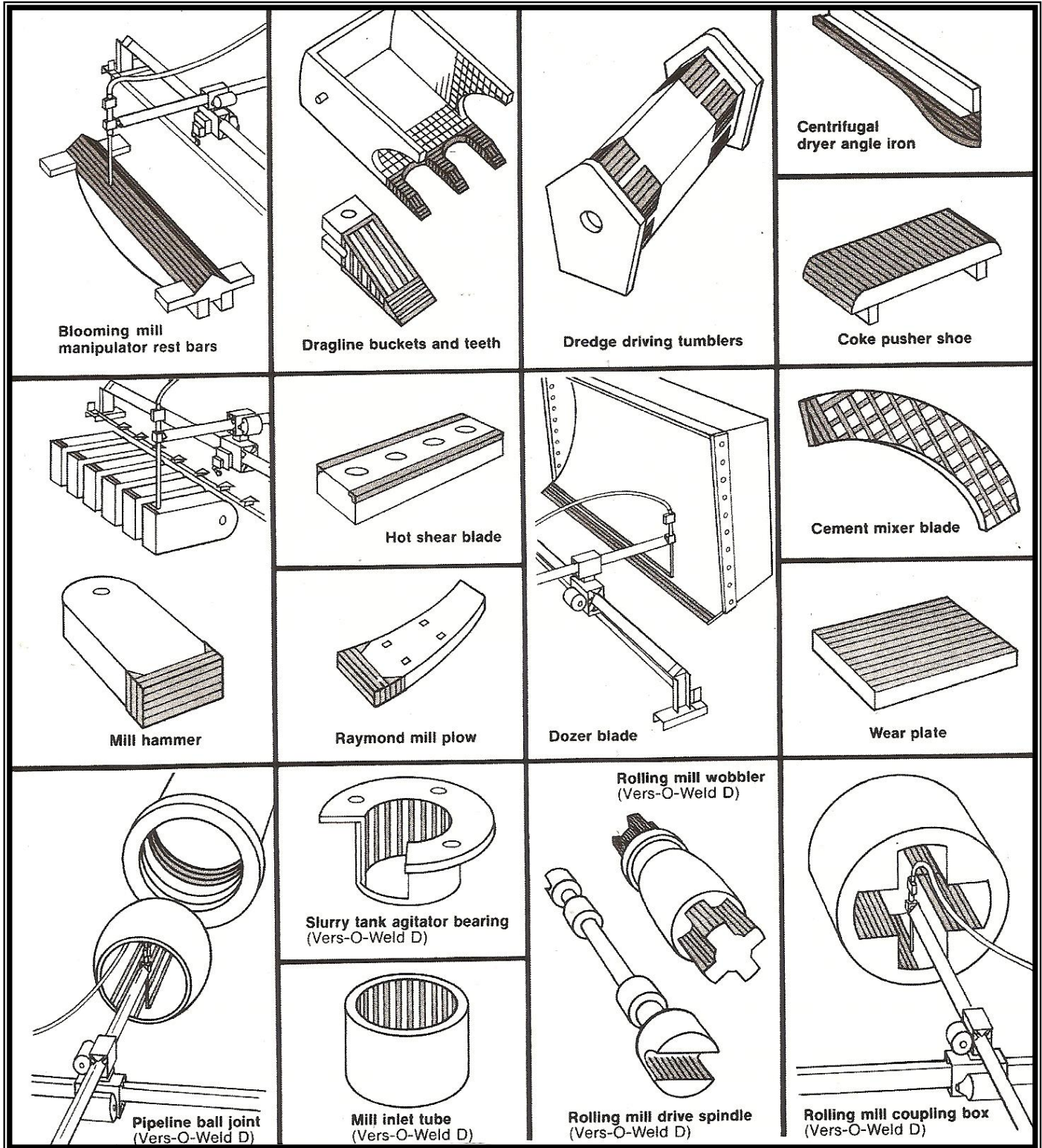
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VERS-O-WELD Sample Applications



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