

Process Pipe Cell (PPC) Weld Positioner and Oscillator

Red-D-Arc's Process Pipe Cell (PPC) with oscillating welding torch is a dual wire feeder, multi-process welding cell that is designed to greatly increase process pipe welding productivity. Various welding power sources and wire feeders can be used including Miller RMD PipeWorx 400 and Lincoln STT S350, S500 and S700 Power Wave® systems.

Root passes can be performed manually with solid wire using either RMD or STT technology (instead of manual GTAW or SMAW) followed up by hot passes and cap passes either solid-wire or flux-cored) with the jammer-style weld oscillator.



Applications

- Oil and gas process pipe
- Pipe fabrication shops

Benefits

- Easy to set up and operate
- Reduced weld operator errors
- Greatly reduced welding time and labor costs
- Increased deposition rates, productivity and arc-on time
- Improved weld aesthetics
- Improved operator comfort and reduced fatigue
- Weld process information can be stored in machine memory for easy retrieval and future use
- Delivers consistent code-quality welds

Features

- All positioning functions including welding head manipulator, oscillator, welding positioner and turning rolls are managed via a single control
- All welding functions are controlled via a remote interface
- CE certified

Optional Equipment

- Various capacity turning roll sets, headstocks and welding chucks
- 1,500 lb, 3,000 lb, 6,000 lb welding positioners with 11-pin controls
- Various welding power sources and wire feeders



Red-D-Arc Welderentals, an Airgas company, rents and sells welding and weld-positioning equipment - around the world.

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