



### *Field Welder*

Weatherford's field welder is a compact, truck-mounted welding system designed specifically for *COROD* continuous rod. As a fully mobile equipment unit, the field welder brings welding solutions directly to well sites, providing an efficient, time-saving service option for welding *COROD* continuous-rod strings. The welding system is mounted onto a Class 8, on-road or off-road severe-duty truck capable of hauling up to 19,000 lb (8,618 kg) of continuous rod when paired with Weatherford's *COROD* transport trailer.

The field welder uses a proprietary system to generate the required amount of compressive force needed for flash-butt welding the different pieces of *COROD*

continuous rod, producing exceptionally strong, smoothly welded joints for all grades and sizes of *COROD* continuous rod. Exact operating procedures and nondestructive testing (NDT) equipment ensure that the quality and performance of final welds meet all required specifications.

To minimize human interaction and thereby reduce the potential for errors and injuries, the field welder is highly automated with multiple hydraulic-assist tools incorporated into its design. For further safety, numerous mechanisms are in place for minimizing the amount of lifting and handling performed by operators. Daytime and nighttime operation is also supported.

### *Applications*

- Assisting with installing *COROD* continuous-rod strings
- Adjusting *COROD* continuous-rod string lengths
- Welding pin ends and fish pins
- Miscellaneous service jobs
- Delivering *COROD* continuous-rod strings (when equipped with Weatherford's *COROD* transport trailer)



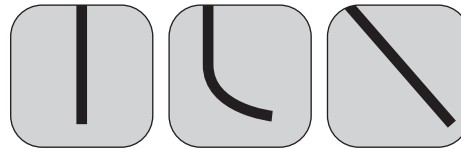
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### *Features, Advantages and Benefits*

- The automated rod heating, aligning, welding, and quenching processes enhance product performance and consistency while also minimizing human intervention, reducing the need for rework and improving rig safety.
- Truck-mounted field welders are equipped to pull COROD transport trailers, which can haul up to 10,900 ft (3322 m) of COROD continuous rod, enabling both welding and transportation to be performed by the same service unit and eliminating the need for extra equipment units.
- NDT equipment is included for performing weld inspections, ensuring reliable quality control.

### *Specifications*

COROD continuous-rod nominal-OD handling (in., mm)	3/4 to 1-5/32 19.1 to 29.4
Material metallurgy handling	1536, 4120, and 4320
Supported COROD continuous rod types	Round Semi-elliptical



Well-configuration compatibility