

RD500 P – Welding Automat for Surfacing at Pipelines

- For repair of corrosion areas up to 2800*400 mm
- Useable for pipe diameters from 1000 mm up to 1980 mm
- 3D real time calculation and adjustment of constant welding power
- High speed amplitude movement for fixing layers and smallest depth of penetration
- Special overlap pattern to prevent inclusion of dirt and slag
- Special start/stop sequences for less tension of material



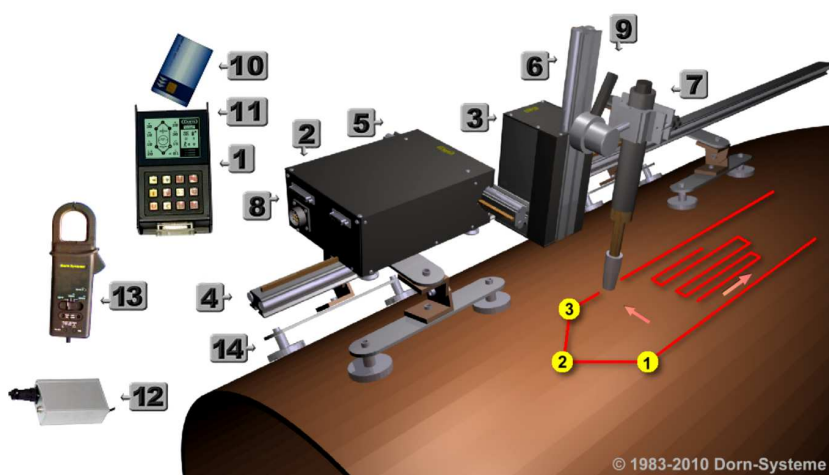
Remote RD100E Functions:

Newest generation 8-Bit Computer for real time adjustment of all welding parameters. The graphical display shows all welding parameters and input is done very easy by a 12-time keyboard. Speeds, distances, dwell times, amplitude... can be adjusted in steps by 1 %.

Teach-In function for all positioning coordinates. For repeated works, all welding parameters are memorized permanently. All calculations and adjustments are done automatically in the background and the welder's support is optimized.

Integrated Chip-Card slot for data exchange between devices (without PC) and storage of personal weld data, Self-Test and Quality-Management with stored protocols for later evaluation.

No special computer knowledge is necessary.



Systemparts:

- 1 Remote RD100E (Evolution)
- 2 Drive and Weaver
- 3 Distance Support
- 4 Drive rail, 3000 mm
- 5 Weaver arm, 500 mm
- 6 Distance rail, 300 mm
- 7 Turn able gun-holder
- 8 Mounting knob Drive unit
- 9 Mounting knob Support
- 10 Auto-Start from Chip-Card
- 11 Remoted ON/OFF switch
- 12 Power Supply
- 13 Arc Control
- 14 Mounting Bridge