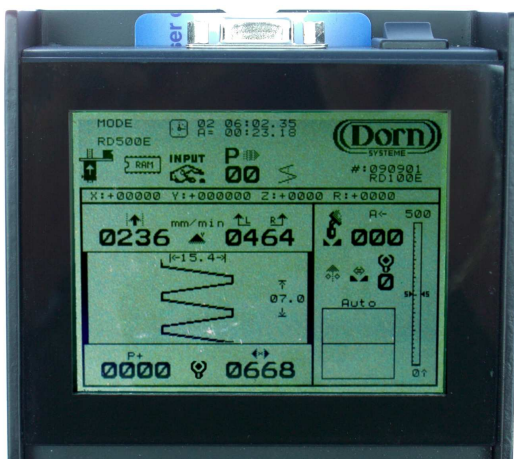# RD 200K V-Shape Seam Welder

- For V-Shape and corner welds.
- 3D Real time computing for up to 30 meter.
- Positioning and memorizing while working at the 1st layer. All following layers will be worked out automatically.
- Magnetic field *No-Touch* measurement in line mode, or seam tracking with 2-axis electromechanical sensor RD1000EM.
- Reverse welding direction for following layers at horizontal seams.
- Easiest handling.

System parts RD 200K

1 Remote Pendant Control RD100E
2 Drive Unit and Weaver
3 Distance Support
4 Drive Rail, 3 to 30 m
5 Weaving Arm, 40 cm
6 Distance Rail, 30 cm
7 Turn able Gun Holder
8 Mounting Knob Drive Unit
9 Mounting Knob Support
10 Chip-Card slot
11 USB and RS232 Port
12 Power Supply
13 Arc Control (up to 500 Amps)
14 2-Axis Sensor RD1000EM

RD 100E (Evolution)
Remote Pendant Control for easiest handling

- Display of all welding patterns in original size.
- Display of all speeds in mm/min.
- Dwell times in 1/100 of seconds.
- Diagonal X-Z weaver movement for corner welds without mechanical change.
- Automatic Lift-Off and Start/Stop dwell times.
- Automatic detection of sensors for adjustment of positioning with memory function.
- USB- and RS232-Port for data transfer.
- Chip-Card slot for special programs.
- Computer-Aided Quality Management