

SoldAvanza

Rotary Friction Welding Machine



▶ Rotary Friction Welding Machine

CUSTOMIZED SPECIAL MACHINES



Technological Partner:

LORTEK
MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

Registered Controller:

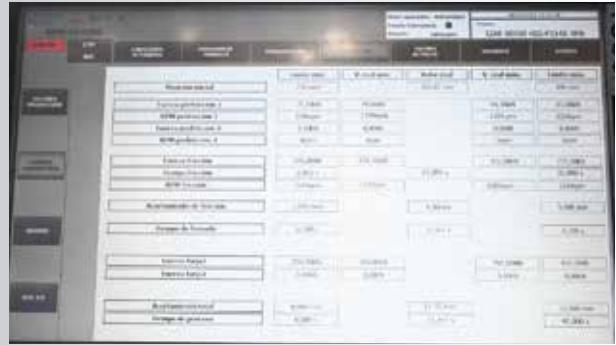
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DESCRIPTION

- ▶ Two working ranges:
 - Up to 20 tons of pushing force and 3,000 rpm.
 - Up to 60 tons of pushing force and 1,500 rpm.
- ▶ Part's length up to 850 mm., possible to increase if needed.
- ▶ Rotary clamping part by claw chuck. Clamping by gripper is possible.
- ▶ Static clamping part by self-centering claw. Variety of claw types; in "V", spherical caps, etc.
- ▶ Deburring at machine by turning.

SOFTWARE ©BLSC 4.0 FOR CONTROL AND PROGRAMATION SPECIFIC SOFTWARE FOR ROTARY FRICTION WELDING MACHINE

- ▶ New Process Control System: Registered Controller of ©BLSC 4.0.
- ▶ Traceability; storage of characteristic data per part:
 - Pressures
 - R.P.I'1.
 - Cycle's times
 - Torque
 - Processing Curves

A screenshot of the LOTTEK Berkoa software interface showing a detailed data table for a specific part. The table has multiple columns and rows, with some cells containing numerical values and others containing text. The interface is complex with many buttons and input fields.

SAMPLES WELDED PARTS



▶ **ELECTRICAL WIRING:**
Aluminium and copper.

▶ **AUTOMOTIVE:**
Forging and steel.



▶ **TOOLS:**
F114 and HSS.

www.berkoa.com