

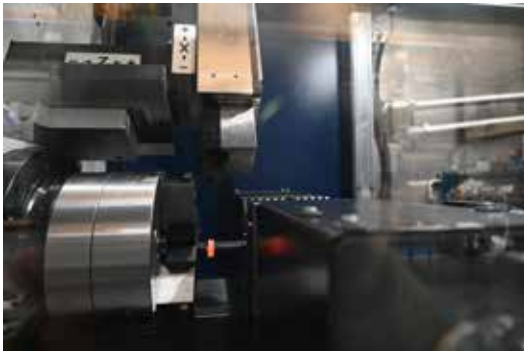
Rotary Friction Welding Machine



BFW-40/2000

▶ Rotary Friction Welding Machine

CUSTOMIZED SPECIAL MACHINES



DESCRIPTION

- ▶ Pushing force in forging, 40 Tn..
- ▶ 2.000 rpm
- ▶ Rotary clamping part by claw chuck. Other types of clamping are possible.
- ▶ Static clamping part by self-centering claw. Variety of claw types; in "V", spherical caps, etc.
- ▶ Deburring at machine by turning.

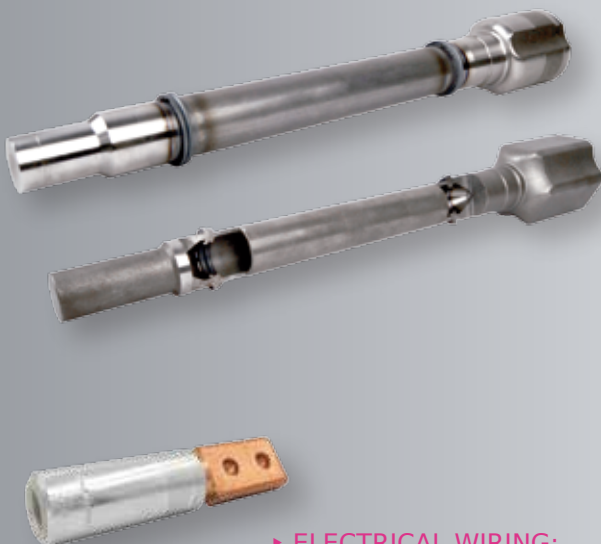
SOFTWARE ©BLSC 4.0 FOR CONTROL AND PROGRAMATION SPECIFIC SOFTWARE FOR ROTARY FRICTION WELDING MACHINE

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



Parameter	Value	Unit	Unit	Unit	Unit
Pressure	1.000	MPa	1.000	MPa	1.000
R.P.I'1	1.000	MPa	1.000	MPa	1.000
Cycle's Times	1.000	s	1.000	s	1.000
Torque	1.000	Nm	1.000	Nm	1.000
Processing Curves	1.000	MPa	1.000	MPa	1.000

SAMPLES WELDED PARTS



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

▶ **AUTOMOTIVE:**
Forging and steel.



▶ **TOOLS:**
F114 and HSS.

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