# HF WELDING MACHINE

# Mod. BR-PULSAR




**Balacchi S.r.l.**

Via Muratori 4

20030 Senago (Mi) – Italy

☎ +39 02 284924790

+39 02 84924778

+39 334 3515260 (whatsapp)

@technicalsupport@balacchi.it

http://www.balacchi.it

# Presentation of the welding machine mod. BR-PULSAR

The BR-PULSAR is an automatic thermal pulse welding machine designed for the joining of technical fabrics for roller blinds, applications with ZIP, digital printing and adjustable automatic folding. Thanks to the temperature optimization system and PLC control, it guarantees precision, repeatability and process stability even on continuous production.

## Key Features and Benefits

- Frame in anodized aluminum structural profiles on adjustable bases
- Upper and lower beams with high mechanical strength
- Automatic movable surface for pocket and ZIP reference
- LED lighting work area
- Software designed by the Balacchi team
- Siemens PLC for complete cycle management
- TCS 2.0 system for differentiated heating of sealing bars in 1.15 seconds
- Real-time temperature control
- Energy saving system

## DATA SHEET

| MODELS | *BR120PULSAR* | *BR240PULSAR* | *BR320PULSAR* | *BR400PULSAR* |
|---|---|---|---|---|
| Control panel | *Front touchscreen* | | | |
| Useful welding length | *1200/2400/3200/4000 mm* | | | |
| Sealing width | *10/20 mm* | | | |
| Adjustable pocket | *manual from 30 to 90 mm* | | | |
| Compressed air supply | *6 – bar* | | | |
| Welding pressure | *Adjustable* | | | |
| Pocket fold | Automatic | | | |
| Top Bar | *Pneumatic movement* | | | |
| Welding programs | *Stored via PLC* | | | |
| Security | *Front and rear barriers* | | | |
| Power supply | *400 V – Three-phase + N + PE* | | | |
| **OVERALL DIMENSIONS IN MM.- L. X D.X H.** | | | | |
| ***BR120PULSAR*** | ***BR240PULSAR*** | ***BR320PULSAR*** | ***BR400PULSAR*** | |
| ***1550 x 1030 x 1885 mm*** | ***2750 x 1030 x 1885 mm*** | ***3550 x 1030 x 1885 mm*** | ***4350 x 1030 x 1885 mm*** | |


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