Balacchi s.r.l.
SEDE LEGALE: Via Vassallo, 31 - 20125 Milano (MI)
SEDE OPERATIVA: Via L. Muratori, 4 - 20030 Senago (MI)
tel. +39(0) 284924790 - fax. +39(0) 284924778
info@balacchi.it - www.balacchi.it
REG.IND./COD.FISC./P.IVA 08780020965

ETFE BR10

Impulse Welding Machine



Balacchi s.r.l.
SEDE LEGALE: Via Vassallo, 31 - 20125 Milano (MI)
SEDE OPERATIVA: Via L. Muratori, 4 - 20030 Senago (MI)
tel. +39(0) 284924790 - fax. +39(0) 284924778
info@balacchi.it - www.balacchi.it
REG.IND./COD.FISC./P.IVA 08780020965

Technical specifications

PRESS
- Distance between the welding table and welding electrode: 100 mm
- Adjustable welding pressure: up to 200 kPa
- Strong C frame suited for construction of a fixed lower welding bar and a pneumatic controlled upper welding bar
- Anti-crush protection device
- Press starting through electric pedal/ buttons
- Structural mathematics calculated with ANSIS system

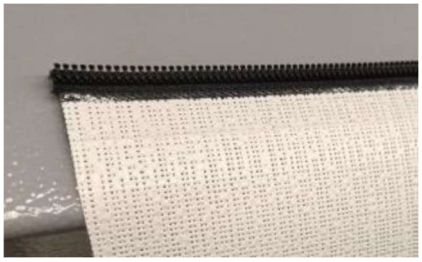
PERFORMANCES
- Working welding area: 20 mm X 1200 mm
- Adjustable cooling system for welding bars integrated in the machine
- Impulse transmitter type including automatic fuse
- Short-term sealing process that is enabled applying electronically controlled high temperature (100-250 °C) accompanied with pneumatic pressure

ELECTRIC AND PNEUMATIC FEEDING
- Supply voltage: 400 V three-phase
- Compressed air: 6 Bar dehumidified from your plant

SOFTWARE AND MANAGEMENT
- PLC Configuration: Software exclusively developed by Balacchi engineers for a complete control and regulation of the entry welding process
- The PLC program ensures that the welding process remains within the prescribed narrow intervals during the work execution. The machine gives immediate warning signals or stops automatically if the predicted welding parameter changes. In this way high quality welding is guaranteed and insufficient/weak welding seam or overheating of material surface are completely avoided
- Balacchi has also developed a unique program which offers the possibility to manage power adjustment with pursuing of value or through percentage of distribution
- The PLC can store and save up to 50 recipes with 32 different welding parameters to adjust including power output, pressure, time, velocity, press moving, machine traveling, cooling of welded material etc.
- High technologic touch screen control panel, intuitive and easy to handle, designed to fulfill ergonomic demands
- Security equipment in European security standard (VDMA- Europe)
- Positioning of the welding bars made in two steps: the welding bars close until defined distance, the fabric to be welded can be perfectly aligned and the bars close completely
- Electrical cabling with plugs for ease of changing the top welding bar

Balacchi s.r.l.
SEDE LEGALE: Via Vassallo, 31 - 20125 Milano (MI)
SEDE OPERATIVA: Via L. Muratori, 4 - 20030 Senago (MI)
tel. +39(0) 284924790 - fax. +39(0) 284924778
info@balacchi.it - www.balacchi.it
REG.IND./COD.FISC./P.IVA 08780020965

Welding examples:


zip welding


overlap welding


automatic folding