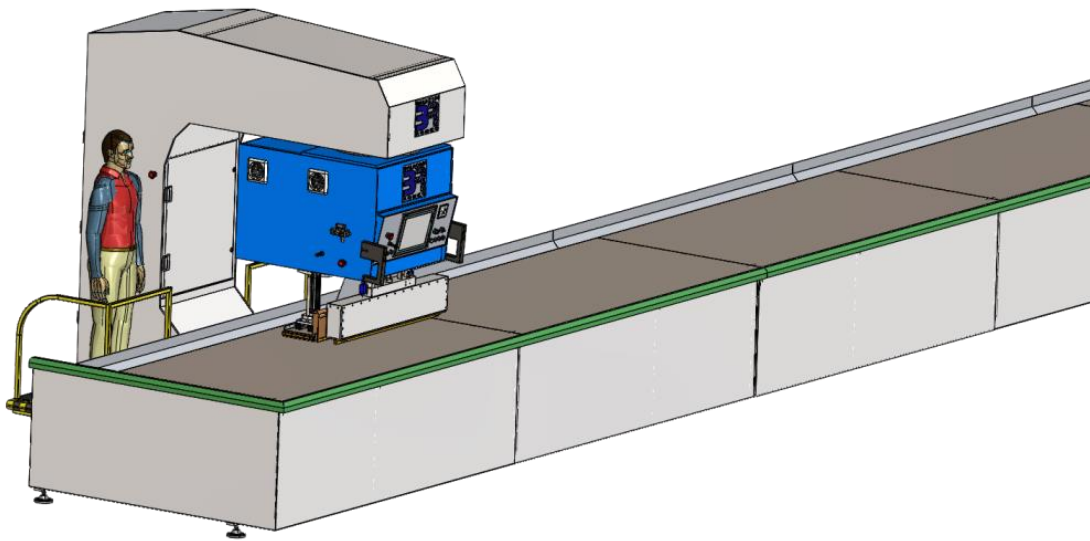


BR1-25PT360 travelling HF welding machine



This model, available in various power and length options, is designed to evolve with your production needs, offering exceptional flexibility and adaptability over time. Perfect for high-volume production, the BR10/25PT360 sets a new standard in flexibility with its 360° rotating head.

Equipped with an extremely precise guidance system, it ensures flawless and continuous welding along the entire seam. Thanks to the unique ability of the head to rotate freely and move forward and backward, every weld adapts perfectly to the complex needs of the project. Process control is intuitive and simplified by an advanced PLC, making operation smooth and precise.

With the option to extend the handling system up to 50 meters, the BR10/25PT360 adapts to a wide range of production layouts. The highly customizable worktable can be tailored to specific needs, making this welder a true technological gem for industrial production, especially where versatility and precision are paramount.

Robust and intuitive: The BR10/25PT360 offers maximum robustness and an intuitive interface for easy handling.

Controlled welding process: Thanks to high-quality components, the welding process is highly controlled and consistent.

Unprecedented versatility with the 360° rotating head: Ideal for a wide range of applications, including challenging projects like tensile structures, truck covers, tarpaulins, tents, oil booms, tanks, pool linings, airplane hangars, and billboards.



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

Powerful anti-flash system: The integrated technology protects against light flashes throughout the process, ensuring maximum safety and optimal visibility for operators, and clean, precise welds.

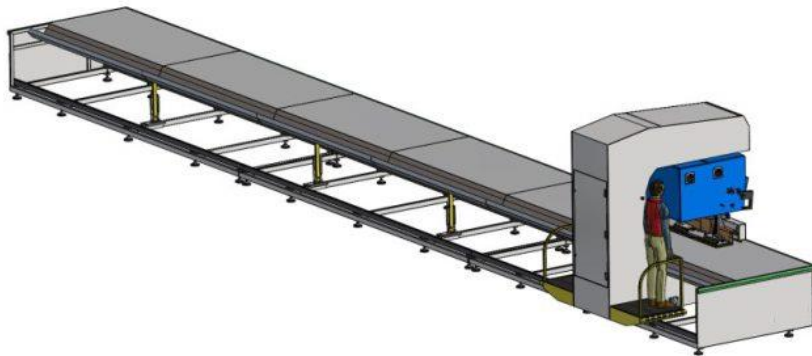
Various operating modes: The machine can be set to manual, semi-automatic, and automatic modes thanks to the innovative software design.

Touchscreen control: The touchscreen panel, positioned on the machine, can be installed on an arm at the customer's request.

Protection and control system: Press protection system, remote control, special electrodes, and easy-change system ensure safer and simplified operation.

Functional options: The vacuum system stabilizes heavy materials during welding, ensuring safety and precision. Laser guides ensure accurate alignment, improving efficiency in handling bulky materials.

The BR10/25PT360 represents the pinnacle of HF welding technology. With its 360° rotating head, it opens new possibilities for production efficiency and the quality of the finished product.



PRESS

- C structure in electro-welded steel cleared and CNC worked
- Completely screened welding slab, predisposition for the cooling system
- Automatic pneumatic system for fast rod exchanging
- Adjustable welding pressure: from 200 kg to 2300 Kg
- Safety system for the operator's hands
- Welding worktable dimensions: 700 x 10.000 mm
- Press operated by electric pedal / buttons
- Structural mathematics calculated with ANSIS system

HF GENERATOR

- Generator in cavity
- Work frequency: 27.125 MHz \pm 0.6 %
- Electronic proportioning device of high frequency



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

- Power output: 20 kW
- Metal-ceramic triode for forced air cooling
- Tensions rectifier bridge with diodes of silicon completed of protections for the overstrains
- Transformers from high voltage to low voltage
- Tensions rectifier bridge with silicon diodes with protections for the overstrains
- Suppressor of discharges model SCR
- **Cycle of the machine: manual, semi-automatic and automatic**

PLC Configuration

- Software exclusively developed by Balacchi engineers for the 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 offer the possibility to manage the 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 on the front side of the machine, intuitive and easy
- to handle, designed to fulfill ergonomic demands

ELECTRICAL AND PNEUMATIC SUPPLY

- Supply voltage: 400V 3phase + N + PE
- Motor force: 22 KVA
- Compressed air: 7 bars dehumidified by your system

TABLE

- Modular table 6 m
- Under table strengthened with aluminum support
- Machine sliding on the rails through high performance CNC - Sturdy rail system – the machine
- is moving along the rails by using wheels that are controlled by CNC motors (like vehicles)

DIMENSIONS

- W 2150 mm x L 11.000 (adjustable) mm x H 2000 mm

