Welding of workpieces with radial and/or axial seams in large numbers

**TYPICAL WORKPIECES**

- Turbo impellers for cars and commercial vehicles: Compound of heat-resistant nickel alloy (turbine wheel) and tempered steel (shaft)
- All gear components for cars and commercial vehicles
- Specially low-distortion hardening of finished components (e.g. camshaft part)

**TECHNICAL DATA EBOMAT PP 02**

- **Year of manufacture**: 2015
- **Chamber**: Diameter/height 390 / 470 mm
- **Volume**: 71 liters
- **Palette**: 1-spindle
- **Pump stand**: 3-stage (two roots pistons and rotary vane pump)
- **Evacuation time**: approx. 12 seconds
- **Workpiece size**: 1-spindle 370 / 380 mm (Ø / height)
- **EB Generator**: High voltage 60 kV, Performance 6 kW, Cathode exchange approx. 10 min. until operating readiness, Efficiency approx. 90%
- **Controller**: CNC Siemens SINUMERIK 840D sl
- **Dimensions**: Depth x width x height 3800 x 1800 x 3000 mm
- **Connection values**:
  - Voltage: 3 x 400V, PE, N, 50 Hz
  - Power input: approx. 45 kVA @ 6 kW EB
  - Compressed air: 4.5 – 6 bar

**Price on application**

**Delivery time on arrangement**