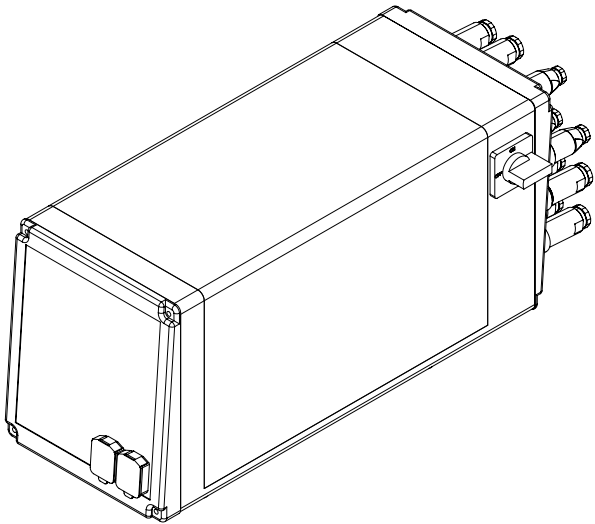


## HPP-25 – PROCESS CONTROL (Industrie 4.0)



### Key features

- Process monitoring with integrated riveting control
- 6 different control criteria
- 45 different riveting modes
- Accurate rivet detection during riveting cycle
- Integrated archiving and logging of process data

### Detailed specifications

Mini SD card serves as storage for logger data (<2 GB)

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Total hardware in semiconductor technology executed

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All connections on the back side via quick disconnect

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63 riveting programs can be stored and recalled

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Up-/Download for parameter and riveting programs

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Download for process data, riveting curves and alarm-history

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Graphical display of riveting force and distance curve

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45 different riveting modes are possible, including projection measurement and control to closing head height H

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Option: – Autocompensation (activating code necessary)

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With: – PLC interface board (option); connection via plug X9  
– 2 preset batch counters  
– OK-, NOK rivet counter

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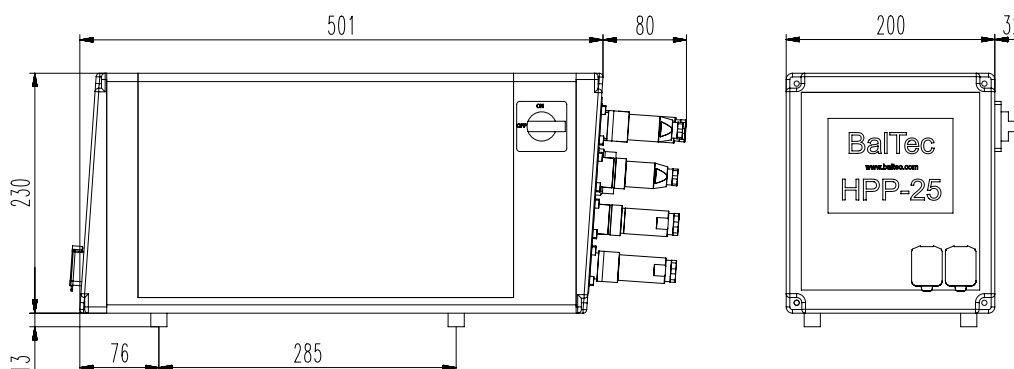
Operating languages: CZ, DE, DK, EN, ES, FR, HU, IT, NL, PL, PT, RO, SE, SL, TR

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## Technical Data

|                       |  |
|-----------------------|--|
| Design:               | Sheet metal design with die cast front and rear panels                                     |
| Degree of protection: | IP53   |
| Cable entry:          | All connections via quick disconnect   |
| Supply voltages:      | 3 x 160-190 / 200-240 / 320-380 / 380-500 / 500-600 V<br>1 x 100-120 / 160-190 / 200-240 V |
| Interfaces:           | USB und Ethernet (UDP-Protocol)  |
| Processor:            | ARM 9  |
| Display:              | 5,7" Touchscreen, LED-backlit  |
| Weight:               | 12 kg  |

Further dimensions: Please ask for our detailed dimensional drawings.  
Subject to technical changes.



## Connection plug assignement (rear panel)

|  |                      |
|--|----------------------|
| X1: Valve down/up, sensor TDC  | X9: PLC Interface    |
| X2: Release, start (foot switch) take over-sensor                          | X11: Lower chamber   |
| X3: Grease, work lamp, grease sensor                                       | X12: Upper chamber   |
| X4: E-Stop, two-hand   | X13: Path measuring  |
| X5: Pressure / Flow control valve, rapid / working speed valve, sensor BDC | X14: Switch NHE      |
| X6: External reset and safety circuit                                      | X20: Power supply    |
| X7: Depending on execution, see operating instructions                     | X21: Riveting motor  |
| X8: Depending on execution, see operating instructions                     | X22: Hydraulic motor |

