

# Technical data

## BSTA 1250.

|                                                 |                      |                                                     | BSTA 1250-117            | BSTA 1250-151            | BSTA 1250-181            |
|-------------------------------------------------|----------------------|-----------------------------------------------------|--------------------------|--------------------------|--------------------------|
| Press force                                     |                      | kN                                                  | 1250                     | 1250                     | 1250                     |
| Tool loading area                               | L - R                | mm                                                  | 1170                     | 1510                     | 1810                     |
| Speed                                           | Min.                 | spm                                                 | 100                      | 100                      | 100                      |
|                                                 | Max.                 | spm                                                 | 850                      | 850                      | 850                      |
| Mains voltage (EN 60204) <sup>A)</sup>          |                      | V                                                   | 400                      | 400                      | 400                      |
| Mains frequency (EN 60204) <sup>A)</sup>        |                      | Hz                                                  | 50 / 60                  | 50 / 60                  | 50 / 60                  |
| Connected load <sup>B)</sup>                    | Max.                 | kVA                                                 | 105                      | 105                      | 105                      |
| Control voltage                                 |                      | VDC                                                 | 24                       | 24                       | 24                       |
| Drive power of main motor                       |                      | kW                                                  | 37                       | 37                       | 37                       |
| Compressed air connection R 1/2"                | Min.                 | bar                                                 | 7                        | 7                        | 7                        |
|                                                 | Max.                 | bar                                                 | 10                       | 10                       | 10                       |
| Adjustable stroke (standard)                    |                      | mm                                                  | 16 / 19 / 26 / 35 / 43 / | 16 / 19 / 26 / 35 / 43 / | 16 / 19 / 26 / 35 / 43 / |
|                                                 |                      | mm                                                  | 51 / 58 / 64 / 70 / 75   | 51 / 58 / 64 / 70 / 75   | 51 / 58 / 64 / 70 / 75   |
| Adjustable stroke (option)                      |                      | mm                                                  | 19 / 26 / 40 / 55 / 68 / | 19 / 26 / 40 / 55 / 68 / | 19 / 26 / 40 / 55 / 68 / |
|                                                 |                      | mm                                                  | 80 / 90 / 96 / 100       | 80 / 90 / 96 / 100       | 80 / 90 / 96 / 100       |
| Fixed stroke <sup>A)</sup>                      | Max.                 | mm                                                  | 100                      | 100                      | 100                      |
| Ram adjustment range                            |                      | mm                                                  | 89                       | 89                       | 89                       |
| Shut height <sup>A)</sup> (according to stroke) | Min.                 | mm                                                  | 268                      | 268                      | 268                      |
|                                                 | Max.                 | mm                                                  | 386,5                    | 386,5                    | 386,5                    |
| Bolster area                                    | L - R                | mm                                                  | 1150                     | 1490                     | 1790                     |
|                                                 | F - B                | mm                                                  | 1070                     | 1070                     | 1070                     |
|                                                 | Height <sup>C)</sup> | mm                                                  | 1245                     | 1270                     | 1270                     |
| Ram area                                        | L - R                | mm                                                  | 1060                     | 1400                     | 1700                     |
|                                                 | F - B                | mm                                                  | 600                      | 600                      | 600                      |
| Strip inlet height <sup>A)</sup>                | Min.                 | mm                                                  | 80                       | 80                       | 80                       |
|                                                 | Max.                 | mm                                                  | 180                      | 180                      | 180                      |
| Strip inlet width (machine)                     | Max.                 | mm                                                  | 440                      | 440                      | 440                      |
| Base plate opening                              | L - R                | mm                                                  | 1120                     | 1460                     | 1760                     |
|                                                 | F - B                | mm                                                  | 350                      | 350                      | 350                      |
| Dimensions                                      |                      |                                                     |                          |                          |                          |
| Press (standard BBV)                            | L - R                | mm                                                  | 2970                     | 3246                     | 3469                     |
| - With semi-automatic stroke adjustment         | F - B                | mm                                                  | 1818                     | 1818                     | 1818                     |
|                                                 | Height               | mm                                                  | 4015                     | 4040                     | 4040                     |
|                                                 | Weight (app.)        | kg                                                  | 25550                    | 27950                    | 29750                    |
| - With automatic stroke adjustment              | F - B                | mm                                                  | 1887                     | 1887                     | 1887                     |
|                                                 | Height               | mm                                                  | 4146                     | 4171                     | 4171                     |
|                                                 | Weight (app.)        | kg                                                  | 25650                    | 28050                    | 29850                    |
| Strip feed unit                                 |                      |                                                     |                          |                          |                          |
|                                                 | Standard Variations  | BBV 260<br>BBV 450<br>BBV 455<br>BSV 300<br>BSV 500 |                          |                          |                          |

<sup>A)</sup> Options on request. <sup>B)</sup> Incl. standard sockets for peripheral equipment. <sup>C)</sup> Above floor level.  
Subject to change.