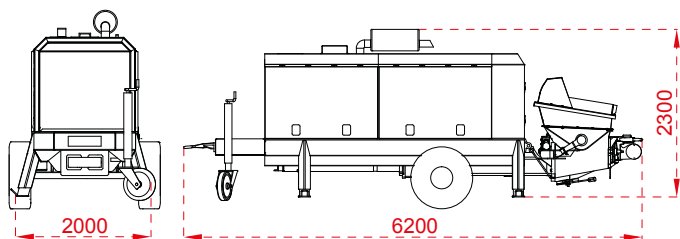


STATIONARY PUMPS

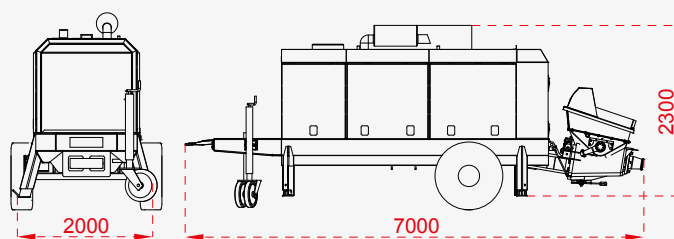
# BSS 14/21/36



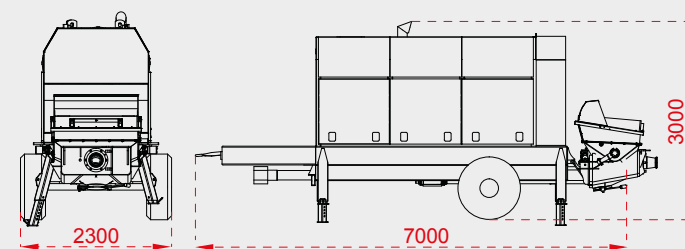
## ● TECHNICAL DETAILS



BSS 14.90



BSS 21.90



BSS 36.000

## ● TECHNICAL SPECIFICATIONS

|                                       | <b>BSS 14.90D</b>                                                   | <b>BSS 14.90E</b>                                                   | <b>BSS 21.90D</b>                                                   | <b>BSS 21.90E</b>                                                   | <b>BSS 36.000</b>                                                   |
|---------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|
| Engine                                | 160 kW (218 hp)                                                     | 110 kW (150 hp) (Electric)                                          | 185 kW (252 hp)                                                     | 140 kW (50 Hz) (Electric)                                           | 285 kW (388 hp)                                                     |
| Theo. Concrete Output (max)           | Rod side 0–85m <sup>3</sup> /h<br>Piston side 0–57m <sup>3</sup> /h | Rod side 0–80m <sup>3</sup> /h<br>Piston side 0–54m <sup>3</sup> /h | Rod side 0–90m <sup>3</sup> /h<br>Piston side 0–56m <sup>3</sup> /h | Rod side 0–85m <sup>3</sup> /h<br>Piston side 0–53m <sup>3</sup> /h | Rod side 0–94m <sup>3</sup> /h<br>Piston side 0–64m <sup>3</sup> /h |
| Theo. Concrete Pressure (max)         | Rod side 71 bar<br>Piston side 106 bar                              | Rod side 71 bar<br>Piston side 106 bar                              | Rod side 92 bar<br>Piston side 148 bar                              | Rod side 92 bar<br>Piston side 148 bar                              | Rod side 153 bar<br>Piston side 224 bar                             |
| Stroke                                | Rod side 32<br>Piston side 23                                       | Rod side 30<br>Piston side 20                                       | Rod side 23<br>Piston side 14                                       | Rod side 21<br>Piston side 13                                       | Rod side 24<br>Piston side 16                                       |
| Main Hydraulic Cylinder               | 110 * 63 * 1400 mm                                                  | 110 * 63 * 1400 mm                                                  | 130 * 80 * 2100 mm                                                  | 130 * 80 * 2100 mm                                                  | 160 * 90 * 2100 mm                                                  |
| Concrete Delivery Cylinder Dimensions | 200 mm * 1400 mm                                                    | 200 mm * 1400 mm                                                    | 200 mm * 2100 mm                                                    | 200 mm * 2100 mm                                                    | 200 mm * 2100 mm                                                    |
| Concrete Valve                        | S-valve system                                                      | S-valve system                                                      | S-valve system                                                      | S-valve system                                                      | S-valve system                                                      |
| Hopper Capacity                       | 650 lt                                                              | 650 lt                                                              | 650 lt                                                              | 650 lt                                                              | 650 lt                                                              |
| Main Hydraulic Pump                   | REXROTH A4 VG 125                                                   | REXROTH A4 VG 180                                                   | REXROTH A4 VG 180                                                   | 2x REXROTH A4 VG 125                                                | 2x REXROTH A4 VG 180                                                |
| Switching System                      | Elec. Magn. Sensor                                                  | Elec. Magn. Sensor                                                  | Elec. Magn. Sensor                                                  | Elec. Magn. Sensor                                                  | Elec. Magn. Sensor                                                  |
| S-Valve Pump                          | REXROTH A10 VO 28                                                   | REXROTH A10 VO 28                                                   | REXROTH A10 VO 28                                                   | REXROTH A10 VO 28                                                   | REXROTH A10 VO 28                                                   |
| Agitator Pump                         | ASC                                                                 | ASC                                                                 | ASC                                                                 | ASC                                                                 | ASC                                                                 |
| Electric Box (Water Proof)            | Smartstar                                                           | Smartstar                                                           | Smartstar                                                           | Smartstar                                                           | Smartstar                                                           |
| Delivery Line Diameter                | 5"                                                                  | 5"                                                                  | 5"                                                                  | 5"                                                                  | 5"                                                                  |
| Total Weight                          | 4.750 kg                                                            | 4.750 kg                                                            | 7.500 kg                                                            | 8.750 kg                                                            | 10.500 kg                                                           |

\* All datas shown are theoretical and subject to change without notice.