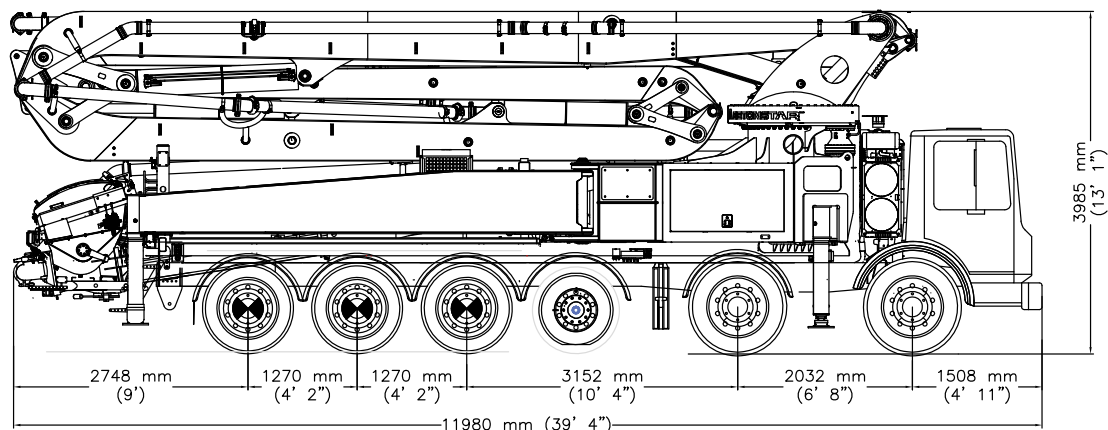


**BST 51 – 5RZ**


Note : Standard pump model is BST 51.16 5RZ.

Dimensions may vary depending on truck model.

| Pump                                       | BST 51.16H 5RZ                                         | BST 51.20 5RZ                                          |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Theo. Conc. Output(max)<br>(Piston Side)   | 160 m <sup>3</sup> / h<br>(209,27 yd <sup>3</sup> / h) | 200 m <sup>3</sup> / h<br>(261,59 yd <sup>3</sup> / h) |
| Theo. Conc. Pressure(max)<br>(Piston Side) | 81 bar<br>(1174,80 psi)                                | 81 bar<br>(1174,80 psi)                                |
| Stroke                                     | 26 Stroke / min                                        | 27 Stroke / min                                        |
| Concrete Cylinder<br>Dimensions            | 250 mm x 2100 mm<br>(9,84" 82,68")                     | 250 mm x 2500 mm<br>(9,84" 98,42")                     |

**Standard Equipments**

|                     |                                          |
|---------------------|------------------------------------------|
| Hopper Capacity     | : 650 l (171,71 gal)                     |
| Main Hydraulic Pump | : 2 x A4 VG 125 Tandem (REXROTH)         |
| Switching System    | : Proximity Switch                       |
| Concrete Valve      | : S Valve System                         |
| Electric Box        | : Waterproof and PLC Controlled          |
| Remote Control      | : Included (HETRONIC)                    |
| End Hose            | : 3 m (9' 10") 5,5" Diameter             |
| Water Pump          | : 67 lpm (17,7 gpm)                      |
| Water Tank Capacity | : 650 l (171 gal) and Hose 15 m (49' 2") |
| Lubrication System  | : Hydraulic (LINCOLN)                    |
| Driven by           | : Gear Box (Stiebel)                     |
| Outrigger Pads      | : 4 Thermoplastic                        |

**Boom System**

|                        |                 |
|------------------------|-----------------|
| Boom Type              | : 5RZ           |
| Sections               | : 5             |
| Boom Swing Time        | : 194 sec       |
| Boom Swinging Angle    | : 365°          |
| Concrete Pipe Diameter | : 125 mm (5,5") |

**Support Leg System**

|            |                        |
|------------|------------------------|
| Front Legs | : X                    |
| Rear Legs  | : Side Hydraulic Swing |

**Control System**

- Smartstar Control
- Color LCD
- Rear Keyboard
- Diagnostic
- Fuel Saving Mode
- 2nd Back up Radio Remote and Receiver

**Options**

- Hopper Vibrator
- Hydraulic Driven Fan
- Stability Control
- Air Compressor
- End Hose Squeeze Valve
- High Pressure Cleaning Kit (135 bar / 1958 psi)
- Betonstar IoT System
- Remote Control (HBC)
- Tool Boxes (If space is available)
- Water and Oil Tank Heater
- Leg Fuel Tank

**Boom Working Diagram**
