

BSA 100 SERIES



- Durable, global-use flatpack components.
- Long-distance pumping capabilities.

| Model | BSA 100-D | BSA 120-D |
|-----------------|--|--|
| Output - max | 104 yd ³ /hr (80m ³ /hr) | 114 yd ³ /hr (87m ³ /hr) |
| Pressure - max* | 1363 psi (94 bar) | 1537 psi (106 bar) |
| Drive - Deutz | 197 hp (147kW) | 197 hp (147kW) |

BSA 2100 SERIES



- Extra muscle for difficult jobs.
- Designed for jobs extending up to 800 ft (244m).

| Model | BSA 2109 H-D | BSA 2110 HP-D |
|-----------------|--|---|
| Output - max | 124 yd ³ /hr (95m ³ /hr) | 133 yd ³ /hr (102m ³ /hr) |
| Pressure - max* | 1320 psi (91 bar) | 2176 psi (150 bar) |
| Drive - Deutz | 268 hp (200kW) | 443 hp (330kW) |

BSA 14000 SERIES



- Highest pressures and outputs available today.
- Multiple cylinder sizes available to fit any job requirements.

| Model | BSA 14000 HP-D 7" | BSA 14000 HP-D 8" | BSA 14000 HP-D 11" | BSA 14000 SHP-D 7" |
|-----------------|--|---|---|--|
| Output - max | 107 yd ³ /hr (82m ³ /hr) | 133 yd ³ /hr (102m ³ /hr) | 260 yd ³ /hr (200m ³ /hr) | 93 yd ³ /hr (71m ³ /hr)* |
| Pressure - max* | 3,771 psi (260 bar) | 3190 psi (220 bar) | 1668 psi (115 bar) | 3626 psi (250 bar) |
| Drive - Cat | 630 hp (470kW) | 630 hp (470kW) | 630 hp (470kW) | 630 hp (470kW) |

Maximum theoretical values listed. Maximum output and pressure cannot be achieved simultaneously. Special equipment configuration required to operate on the Piston side.

* Piston side operation.

Putzmeister BSA Series **SPECIFICATIONS**

| Performance | BSA 100-D | BSA 120-D | BSA 2109 H-D | BSA 2110 HP-D |
|-------------------------------|--|--|--|---|
| Max theo output* | | | | |
| rod | 104 yd ³ /hr (80m ³ /hr) | 114 yd ³ /hr (87m ³ /hr) | 124 yd ³ /hr (95m ³ /hr) | 133 yd ³ /hr (102m ³ /hr) |
| piston | 70 yd ³ /hr (54m ³ /hr) | 77 yd ³ /hr (59m ³ /hr) | 75 yd ³ /hr (57m ³ /hr) | 92 yd ³ /hr (70m ³ /hr) |
| Max theo pressure* | | | | |
| rod | 910 psi (63 bar) | 1030 psi (71 bar) | 1320 psi (91 bar) | 2176 psi (150 bar) |
| piston | 1363 psi (94 bar) | 1537 psi (106 bar) | 2205 psi (152 bar) | 3190 psi (220 bar) ¹ |
| Max size aggregate | 2.5" (63mm) | 2.5" (63mm) | 2.5" (63mm) | 2.5" (63mm) |
| Technical Information | | | | |
| Material cylinders | 8" x 55" (200 x 1400mm) | 8" x 55" (200 x 1400mm) | 8" x 83" (200 x 2100mm) | 8" x 83" (200 x 2100mm) |
| Max strokes per minute | | | | |
| rod | 32 | 37 | 24 | 26 |
| piston | 22 | 25 | 15 | 18 |
| Variable volume | 0 to full | 0 to full | 0 to full | 0 to full |
| S-Valve | 8" to 6" (200 to 150mm) | 8" to 6" (200 to 150mm) | S-2015D 8" to 6" (200 to 150mm) | S-2015D 8" to 6" (200 to 150mm) |
| Chromed cylinders | Standard | Standard | Standard | Standard |
| Hydraulic system | TK | FFH-HD | FFH-EL | FFH-EL |
| Hydraulic system pressure | 4500 psi (310 bar) | 5075 psi (350 bar) | 5075 psi (350 bar) | 5075 psi (350 bar) |
| Hydraulic cylinders | - | | 5.1" x 3.2" (130 x 80mm) | 6.3" x 3.5" (160 x 90mm) |
| Hopper | | | | |
| model | RS 605 | RS 605 | RS 900H | RS 900HF |
| capacity | 14 cu ft (400L) | 14 cu ft (400L) | 21.2 cu ft (600L) | 21.2 cu ft (600L) |
| height | 52" (1321mm) | 52" (1321mm) | 51" (1295mm) | 50" (1270mm) |
| Outlet diameter | 6" (150mm) | 6" (150mm) | 6" (150mm) | 6" (150mm) |
| Engine | | | | |
| Diesel engine | Deutz TCD2012L062V | Deutz TCD2012L062V | Deutz | Deutz |
| Engine horsepower | 197 hp (147kW) | 197 hp (147kW) | 268 hp (200kW) | 443 hp (330kW) |
| Trailer | | | | |
| Trailer type | Tandem axles | Tandem axles | Tandem axles | Tandem axles |
| Dimensions | | | | |
| Length x Width | 228" x 72" (5791 x 1829mm) | 228" x 72" (5791 x 1829mm) | 259" x 78" (6586 x 1977mm) | 268" x 78" (6813 x 1977mm) |
| Height | 94" (2387mm) | 94" (2387mm) | 104" (2639mm) | 99" (2502mm) |
| Weight (approx) | 9,000 lbs (4083kg) | 9,000 lbs (4083kg) | 13,600 lbs (6170kg) | 20,000 lbs (9701kg) |

Minimum slump and maximum aggregate size are dependent upon concrete mix design, site conditions and pipeline diameter.

* Specifications subject to change without prior notice. Maximum theoretical values listed above. Maximum output and pressure cannot be achieved simultaneously.

¹ Special equipment configurations required to operate on piston side.

CF = Consult Factory