

**BSA 100 SERIES**



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

Model	BSA 100-D	BSA 120-D
Output - max	104 yd <sup>3</sup> /hr (80m <sup>3</sup> /hr)	114 yd <sup>3</sup> /hr (87m <sup>3</sup> /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 <sup>3</sup> /hr (95m <sup>3</sup> /hr)	133 yd <sup>3</sup> /hr (102m <sup>3</sup> /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 <sup>3</sup> /hr (82m <sup>3</sup> /hr)	133 yd <sup>3</sup> /hr (102m <sup>3</sup> /hr)	260 yd <sup>3</sup> /hr (200m <sup>3</sup> /hr)	93 yd <sup>3</sup> /hr (71m <sup>3</sup> /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.

	BSA 14000 HP-D 7"	BSA 14000 HP-D 8"	BSA 14000 HP-D 11"	BSA 14000 SHP-D 7"
	107 yd <sup>3</sup> /hr (82m <sup>3</sup> /hr)	133 yd <sup>3</sup> /hr (102m <sup>3</sup> /hr)	260 yd <sup>3</sup> /hr (200m <sup>3</sup> /hr)	93 yd <sup>3</sup> /hr (71m <sup>3</sup> /hr)
	71 yd <sup>3</sup> /hr (54m <sup>3</sup> /hr)	92 yd <sup>3</sup> /hr (70m <sup>3</sup> /hr)	182 yd <sup>3</sup> /hr (139m <sup>3</sup> /hr)	47 yd <sup>3</sup> /hr (36m <sup>3</sup> /hr) <sup>1</sup>
	2638 psi (185 bar)	2176 psi (150 bar)	1146 psi (79 bar)	3190 psi (220 bar)
	3771 psi (260 bar)	3190 psi (220 bar) <sup>1</sup>	1668 psi (115 bar)	3626 psi (250 bar) <sup>1</sup>
	2.5" (63mm)	2.5" (63mm)	2.5" (63mm)	2.5" (63mm)
	7" x 83" (180 x 2100mm)	8" x 83" (200 x 2100mm)	11" x 83" (280 x 2100mm)	7" x 83" (180 x 2100mm)
	26	26	26	22
	17	18	18	11
	0 to full	0 to full	0 to full	0 to full
	S-1812 D	S-2015D 8" to 6" (200 to 150mm)	S-2318 9" to 7" (200 to 150m)	S-1812
	Standard	Standard	Standard	Standard
	FFH-HD	FFH-HD	FFH-HD	FFH-HD
	5075 psi (350 bar)	5075 psi (350 bar)	5075 psi (350 bar)	CF
	6.3" x 3.5" (160 x 90mm)	6.3" x 3.5" (160 x 90mm)	6.3" x 3.5" (160 x 90mm)	7.9" x 5.5" (200 x 140mm)
	RS 905HF	RS 900HF	RS 907A	RS 905 SHP F
	21.2 cu ft (600L)	21.2 cu ft (600L)	21.2 cu ft (600L)	21.2 cu ft (600L)
	51" (1295mm)	51" (1295mm)	51" (1295mm)	51" (1295mm)
	5.5" (140mm)	6" (150mm)	8" (200mm)	5.5" (140mm)
	Caterpillar	Caterpillar	Caterpillar	Caterpillar
	630 hp (470kW)	630 hp (470kW)	630 hp (470kW)	630 hp (470kW)
	Tandem axles	Tandem axles	Tandem axles	Tandem axles
	264" x 77" (6708 x 1950mm)	264" x 77" (6708 x 1950mm)	264" x 77" (6708 x 1950mm)	294" x 88" (7478 x 2229mm)
	117" (2972mm)	117" (2972mm)	117" (2972mm)	118" (3005mm)
	23,800 lbs (10,800kg)	23,800 lbs (10,800kg)	23,800 lbs (10,800kg)	23,800 lbs (10,800kg)

Performance	BSA 100-D	BSA 120-D		BSA 2109 H-D	BSA 2110 HP-D	
<b>Max theo output*</b>						
rod	104 yd <sup>3</sup> /hr (80m <sup>3</sup> /hr)	114 yd <sup>3</sup> /hr (87m <sup>3</sup> /hr)		124 yd <sup>3</sup> /hr (95m <sup>3</sup> /hr)	133 yd <sup>3</sup> /hr (102m <sup>3</sup> /hr)	
piston	70 yd <sup>3</sup> /hr (54m <sup>3</sup> /hr)	77 yd <sup>3</sup> /hr (59m <sup>3</sup> /hr)		75 yd <sup>3</sup> /hr (57m <sup>3</sup> /hr)	92 yd <sup>3</sup> /hr (70m <sup>3</sup> /hr)	
<b>Max theo pressure*</b>						
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) <sup>1</sup>	
Max size aggregate	2.5" (63mm)	2.5" (63mm)		2.5" (63mm)	2.5" (63mm)	
<b>Technical Information</b>						
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)	
<b>Max strokes per minute</b>						
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)	
<b>Hopper</b>						
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)	
<b>Engine</b>						
Diesel engine	Deutz TCD2012L062V	Deutz TCD2012L062V		Deutz	Deutz	
Engine hoerspower	197 hp (147kW)	197 hp (147kW)		268 hp (200kW)	443 hp (330kW)	
<b>Trailer</b>						
Trailer type	Tandem axles	Tandem axles		Tandem axles	Tandem axles	
<b>Dimensions</b>						
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)	