

# Thom-Katt® & BSA 100 Series

Trailer-Mounted Concrete/Shotcrete Pumps

**Putzmeister**

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Thom-Katt® & BSA 100 Series



- Specially designed hopper
- Proven reliable S-Valve
- Electric cycling
- High strength trailer

# Putzmeister Thom-Katts®

For powerful performance and rugged reliability, we took our big boom pump expertise and applied it to our respected Thom-Katt® trailer pumps. Engineered in America for over 25 years, these Katts have been continually enhanced as part of our ongoing commitment to product excellence. Featuring rugged construction and an angled hopper, they handle the rigors of any job site and are easy to fill and clean. Rely on them to pump a variety of materials, handle the harshest mixes and tackle several difficult applications. Easy to operate and inexpensive to maintain, these units provide faster setup, smoother pumping, easier cleanup and long term dependability... features you've come to expect from a leader in concrete pump technology. Find out more by contacting Putzmeister America today.

## The Thom-Katt® & BSA 100 Series Family



**Thom-Katt®  
Series**



**BSA 100 Series**



**VS Series • Vehicle Mounted**  
Refer to separate specification sheet.



**TKS Series • Skid-Mounted**  
Available in diesel or electric skid-mounted versions. Contact factory.



**TKB Series  
Hydraulic Ball Valve Pumps**  
Refer to separate specification sheet.

# Specifications

## Standard Trailer-Mounted Models

## High Pressure (HP) Models

## BSA 100 Series

Performance	TK 30	TK 40	TK 50	TK 70	TK 15HP	TK 60HP	BSA 100-D	BSA 120-D
Maximum volume output†	31 yd <sup>3</sup> /hr (24m <sup>3</sup> /hr)	40 yd <sup>3</sup> /hr (30m <sup>3</sup> /hr)	54 yd <sup>3</sup> /hr (41m <sup>3</sup> /hr)	74 yd <sup>3</sup> /hr (57m <sup>3</sup> /hr)	15 yd <sup>3</sup> /hr (11m <sup>3</sup> /hr)	60 yd <sup>3</sup> /hr (46m <sup>3</sup> /hr)	104 yd <sup>3</sup> /hr (80m <sup>3</sup> /hr)	114 yd <sup>3</sup> /hr (87m <sup>3</sup> /hr)
Maximum concrete pressure	1150 psi (79 bar)	1150 psi (79 bar)	1150 psi (79 bar)	1130 psi (78 bar)	1500 psi (103 bar)	1450 psi (100 bar)	910 psi (63 bar)	1030 psi (71 bar)
Maximum aggregate size	0.75" (19mm)	1.5" (38mm)	1.5" (38mm)	1.5" (38mm)	0.75" (19mm)	1.5" (38mm)	2.5" (63mm)	2.5" (63mm)
Technical Information								
Material cylinders	6" x 28" (150x700mm)	6" x 39" (150x1000mm)	6" x 39" (150x1000mm)	7" x 39" (180x1000mm)	4" x 39" (102x1000mm)	6" x 39" (150x1000mm)	8" x 55" (200x1400mm)	8" x 55" (200x1400mm)
Maximum strokes per minute	36	32	43	45	24	48	32	37
Variable volume control	0 to full	0 to full	0 to full	0 to full	0 to full	0 to full	0 to full	0 to full
S-Valve (cast)	5" x 4" (125x100mm)	6" x 5" (150x125mm)	6" x 5" (150x125mm)	7" x 5" (180x125mm)	Fab 4" x 4" (100x100mm)	6" x 5" (150x125mm)	8" x 6" (200x150mm)	8" x 6" (200x150mm)
Number of shift cylinders	2	2	2	2	1	2	2	2
Hydraulic tank capacity	35 US gal (132L)	35 US gal (132L)	35 US gal (132L)	35 US gal (132L)	35 US gal (132L)	35 US gal (132L)	35 US gal (132L)	35 US gal (132L)
Hopper height	45" (1143mm)	49" (1245mm)	49" (1245mm)	49" (1245mm)	47" (1194mm)	49" (1245mm)	52" (1321mm)	52" (1321mm)
Hopper capacity	6.4 cu ft (180L)	9.5 cu ft (270L)	9.5 cu ft (270L)	9.5 cu ft (270L)	10 cu ft (285L)*	9.5 cu ft (270L)*	14 cu ft (400L)	14 cu ft (400L)
Outlet diameter	4" HD (102mm)	5" HD (125mm)	5" HD (125mm)	5" HD (125mm)	4" HD (102mm)	5" HD (125mm)	6" HD (150mm)**	6" HD (150mm)**
Engine								
Manufacturer's model <small>(all water-cooled except TK 30, TK 40)</small>	Deutz D2011L03i	Deutz TD2011L04i	Deutz TCD2012L04m	Deutz TCD2012L04m	Deutz TD2011L04i	Deutz TCD2012L042V	Deutz TCD2012L062V	Deutz TCD2012L062V
Horsepower	40 hp (30kW)	67 hp (50kW)	96 hp (72kW)	96 hp (72kW)	67 hp (50kW)	131 hp (98kW)	197 hp (147kW)	197 hp (147kW)
Fuel tank capacity	26 US gal (98L)	26 US gal (98L)	26 US gal (98L)	26 US gal (98L)	26 US gal (98L)	26 US gal (98L)	35 US gal (132L)	35 US gal (132L)
Trailer								
Axle	Single	Single	Single	Single	Single	Single	Tandem	Tandem
Axle capacity	6000 lbs (2722kg)	7000 lbs (3175kg)	7000 lbs (3175kg)	7000 lbs (3175kg)	7000 lbs (3175kg)	7000 lbs (3175kg)	14000 lbs (6350kg)	14000 lbs (6350kg)
Tires/Load range	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G
Brakes	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Outriggers	Manual	Manual	Manual	Manual	Manual	Manual	Hydraulic – Front / Manual – Rear	Hydraulic – Front / Manual – Rear
Dimensions								
Length	175" (4.45m)	191" (4.85m)	191" (4.85m)	191" (4.85m)	183" (4.65m)	191" (4.85m)	228" (5.79m)	228" (5.79m)
Width	70" (1.78m)	70" (1.78m)	70" (1.78m)	70" (1.78m)	70" (1.78m)	70" (1.78m)	72" (1.83m)	72" (1.83m)
Height	68" (1.73m)	71" (1.80m)	71" (1.80m)	71" (1.80m)	69" (1.75m)	71" (1.80m)	94" (2.39m)	94" (2.39m)
Weight (approx.)	4900 lbs (2220kg)	5600 lbs (2540kg)	6000 lbs (2720kg)	6400 lbs (2900kg)	5100 lbs (2315kg)	6400 lbs (2900kg)	9000 lbs (4083kg)	9000 lbs (4083kg)

† Optional electric versions have decreased output. \* Specially reinforced hopper for high pressure applications. \*\* 6" to 5" (150mm to 125mm) HD reducing elbow available. Maximum theoretical values listed. Maximum attainable distances depend on concrete mix design, pipeline diameter and specific job site conditions. Note: Max output and pressure can't be achieved simultaneously. Specifications subject to change without prior notice. Weights vary with options selected. Photos for illustrative purposes only. Refer to Putzmeister operational manual for safe and proper equipment operation.

