



Thom-Katt® Series

Trailer-Mounted Concrete/Shotcrete Pumps

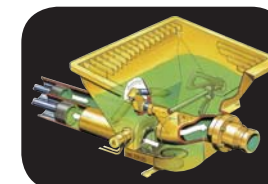
Putzmeister

Thom-Katt® Series



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

STRONGER



Count on our proven reliable S-Valve for strong, long-lasting performance. A gradual reduction from the hard-chromed material cylinders to the outlet assures an even flow and longer life. Plus, few wear parts, only one seal surface and a hard-faced S-Valve and wear ring mean reduced operating and replacement costs.

SMOOTHER



Achieve the smoothest operation with twin-shifting cylinders. This offers more precise shifting of the splined shaft S-Valve, reduced shock in the system and less line surge. In addition, its ball and socket design has fewer parts for easy maintenance and longer durability. Standard on all models except TK 15HP.

TOUGHER



Gulp down the toughest mixes in our specially designed hopper. Its dynamic shape eliminates difficult clean out areas so a steady continuous flow can better funnel down the angled hopper sides. It also helps make clean up a breeze. (N/A - TK 15HP).

SAFER



Depend on electric cycling for reversibility at any point in the stroke and to relieve pressure from the concrete for safer pipe line clean out should blockages occur. Proximity switches inside the cylinders eliminate the possibility of "short stroking" and provide improved protection in a more suitable environment (N/A - TK 15HP).

WIDER



Demand our wider 74.5" (1.89m) high strength trailer, which provides maximum towing stability and allows for a larger fuel tank. This large capacity tank (up to 38 gallons/144L) adds up to longer continuous operation.

EASIER



Discover the convenience of our simple and highly reliable hydraulic control system. Mounted on a compact block atop the hydraulic tank, it offers easy access and avoids draining the oil tank when servicing the pump.

STANDARD FEATURES

- Twin-shifting ball and socket cylinders (N/A - TK 15HP)
- High performance diesel engine
- Engine temperature gauge integrated into control panel
- Protective engine cover
- Electric engine start/stop
- Variable displacement axial piston pump
- Long lasting fabric-reinforced piston cups (N/A - TK 15HP)
- Variable volume (0 to full) - pump output
- Double hydraulic circuit w/accumulator
- Proximity sensors inside cylinders with Sure Stroke (N/A - TK 15HP)
- Hydraulic sight gauge
- Hydraulic oil cooler
- Proven reliable S-Valve with splined shaft: square shaft on TK 15HP
- Centralized hopper-mounted grease ports
- Hard-chromed material cylinders
- Rugged hopper
- Hydraulic mixer/agitator (std on TK 70)
- Hopper grate
- Hopper cut-out device (N/A - TK 15HP)
- Accessible heavy-duty hinged clean out hopper door
- Fully-enclosed weatherproof control panel (NEMA rated)
- Emergency stop button with light
- Convenient stroke change switch
- Manual stroke change kit
- 3-function remote control - start, stop, reverse and E-stop w/100 ft (30m) cable
- Hour meter/tachometer
- Highway-rated trailer with torsion axle, electric brakes, durable fenders and running lights
- 2" ball hitch
- Heavy-duty manual rear outriggers
- Front jack stand
- High quality paint finish

OPTIONS

Consult factory list for more options.

- 15 cu ft (425L) hopper (TK 10 only)
- 17 cu ft (480L) hopper (TK 20 only)
- 9.5 cu ft (368L) integrated mixer (TK 20 only)
- A-10, A-20, and A-25 dosing pumps (TK 10 & TK 20 only)
- Hydraulic mixer/agitator (std on TK 70)
- Electric version - 460V, 60Hz, 3-phase (note: electric versions have decreased output)
- Special voltages
- Skid-mounted with angled flatpack and hopper bib for truck mounting (N/A - TK 15HP)
- Tandem axle trailer (N/A - TK 15HP)
- Hydraulic rear outriggers
- High pressure water pump for clean out/hydraulic drive
- 3-function wireless remote control at 1000 ft (305m) range - start, stop, reverse, E-stop
- 4-function wireless remote control at 1000 ft (305m) range - start, stop, reverse, throttle, E-stop
- 5-function wireless remote control at 1000 ft (305m) range - start, stop, reverse, throttle, volume, E-stop
- Electric stroke counter
- Automatic lubrication system with timer
- 2 1/2" ball hitch
- Hydraulic surge brakes
- Automatic reverse hydraulic brake lockout
- 12,000 lb heavy-duty jack stand
- Aluminum wheels
- Special paint schemes

Putzmeister

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Authorized Distributor

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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® Series Family



Thom-Katt® Series



Allentown Models



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



VS Series • Vehicle Mounted
Refer to separate specification sheet.

Specifications

	Allentown Models		Standard Trailer-Mounted Models			High Pressure (HP) Models	
Performance	TK 10	TK 20	TK 40	TK 50	TK 70	TK 15HP	TK 60HP
Maximum volume output [†]	7 yd ³ /hr (4.6m ³ /hr)	17 yd ³ /hr (13m ³ /hr)	40 yd ³ /hr (30m ³ /hr)	54 yd ³ /hr (41m ³ /hr)	74 yd ³ /hr (57m ³ /hr)	15 yd ³ /hr (11m ³ /hr)	60 yd ³ /hr (46m ³ /hr)
Maximum concrete pressure	2085 psi (144 bar)	2000 psi (138 bar)	1150 psi (79 bar)	1150 psi (79 bar)	1130 psi (78 bar)	1500 psi (103 bar)	1450 psi (100 bar)
Maximum aggregate size	0.75" (19mm)	1" (25mm)	1.5" (38mm)	1.5" (38mm)	1.5" (38mm)	0.75" (19mm)	1.5" (38mm)
Technical Information							
Material cylinders	3" x 24" (76x610mm)	4.5" x 30" (114x762mm)	6" x 39" (150x1000mm)	6" x 39" (150x1000mm)	7" x 39" (180x1000mm)	4" x 39" (102x1000mm)	6" x 39" (150x1000mm)
Maximum strokes per minute	36	31	32	43	45	24	48
Variable volume control	0 to full	0 to full	0 to full	0 to full	0 to full	0 to full	0 to full
S-Valve (cast)	3" x 3" (76x76mm)	4.5" x 4" (114x101mm)	6" x 5" (150x125mm)	6" x 5" (150x125mm)	7" x 5" (180x125mm)	Fab 4" x 4" (100x100mm)	6" x 5" (150x125mm)
Number of shift cylinders	1	1	2	2	2	1	2
Hydraulic tank capacity	37 gal (140L)	38 gal (144L)	38 gal (144L)	38 gal (144L)	38 gal (144L)	38 gal (144L)	38 gal (144L)
Hopper height	48" (1219mm)	49" (1245mm)	49" (1245mm)	49" (1245mm)	49" (1245mm)	47" (1194mm)	49" (1245mm)
Hopper capacity	8 cu ft (227L)	9.5 cu ft (270L)	9.5 cu ft (270L)	9.5 cu ft (270L)	9.5 cu ft (270L)	10 cu ft (285L)*	9.5 cu ft (270L)
Outlet diameter	3" HD (76mm)	4" HD (101mm)	5" HD (125mm)	5" HD (125mm)	5" HD (125mm)	4" HD (102mm)	5" HD (125mm)
Engine							
Manufacturer's model <small>(all water-cooled except TK 40, TK 15HP)</small>	Deutz D2011L04i	Deutz TD2011L04i	Deutz TD2011L04i	Deutz TCD2012L04m	Deutz TCD2012L04m	Deutz TD2011L04i	Deutz TCD2012L042V
Horsepower	61 hp (45kW)	68 hp (51kW)	67 hp (50kW)	96 hp (72kW)	96 hp (72kW)	67 hp (50kW)	131 hp (98kW)
Fuel tank capacity	15 gal (56L)	22 gal (83L)	26 gal (98L)	26 gal (98L)	26 gal (98L)	26 gal (98L)	26 gal (98L)
Trailer							
Axle	Single	Single	Single	Single	Single	Single	Single
Axle capacity	5200 lbs (2258kg)	7000 lbs (3175kg)	7000 lbs (3175kg)	7000 lbs (3175kg)	7000 lbs (3175kg)	7000 lbs (3175kg)	7000 lbs (3175kg)
Tires/Load range	ST 225/75R15D	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
Outriggers	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Dimensions							
Length	148" (3.75m)	174" (4.42m)	191" (4.85m)	191" (4.85m)	191" (4.85m)	183" (4.65m)	191" (4.85m)
Width	64" (1.62m)	74.5" (1.89m)	74.5" (1.89m)	74.5" (1.89m)	74.5" (1.89m)	74.5" (1.89m)	74.5" (1.89m)
Height	62" (1.57m)	70" (1.78m)	71" (1.80m)	71" (1.80m)	71" (1.80m)	69" (1.75m)	71" (1.80m)
Weight (approx.)	4000 lbs (1814kg)	4800 lbs (2177kg)	5600 lbs (2540kg)	6000 lbs (2720kg)	6400 lbs (2900kg)	5100 lbs (2315kg)	6400 lbs (2900kg)

[†] Optional electric versions have decreased output. • Specially reinforced hopper for high pressure applications. 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.