

# TKB Series

Hydraulic Ball Valve Thom-Katt® Pumps

**Putzmeister**

TKB Series



TKB 60 shown

- Steady and continuous concrete flow
- Quick and highly convenient cleanout
- Cost-effective maintenance
- Ideal for commercial and residential work

# TKB Series

## Specifications

Ideal for masonry grouting, stem walls, patios, sidewalks, precast toppings and more.

Offers a steady concrete flow without pulsation for efficient performance on residential and commercial jobs.

High volume unit accommodates the niche needs of cast auger piling contractors.

Performance	TKB 45	TKB 60	TKB 80
Max volume output	45 yd <sup>3</sup> /hr (35m <sup>3</sup> /hr)	60 yd <sup>3</sup> /hr (46m <sup>3</sup> /hr)	80 yd <sup>3</sup> /hr (61m <sup>3</sup> /hr)
Max concrete pressure	735 psi (51 bar)	1000 psi (69 bar)	760 psi (52 bar)
Max aggregate size	-1/2" (-12mm)	-1/2" (-12mm)	-1/2" (-12mm)
Horiz pumping distance*	750 ft (229m)	750 ft (229m)	750 ft (229m)
Vertical pumping distance*	250 ft (76m)	250 ft (76m)	250 ft (76m)

Technical Information			
Material cylinders	6" x 30" (152x762mm)	6" x 30" (152x762mm)	7" x 39" (174x1000mm)
Hydraulic cylinder diameter	2-3/4" (70mm)	3" (76mm)	3" (76mm)
Max strokes per minute	41	55	43
Variable volume control	0 to full	0 to full	0 to full
Concrete ball valve with nitrogen surge chamber			
Primary	4-1/2" (115mm)	4-1/2" (115mm)	4-1/2" (115mm)
Secondary	4" (100mm)	4" (100mm)	4" (100mm)
Hydraulic tank capacity	35 gal (132L)	35 gal (132L)	35 gal (132L)
Hopper height	52" (1320mm)	52" (1320mm)	52" (1320mm)
Hopper capacity	7 cu ft (200L)	7 cu ft (200L)	7 cu ft (200L)
Discharge outlet diameter	4" (100mm)	4" (100mm)	4" (100mm)

Engine			
Manufacturer's model	Deutz F4L2011 (air-cooled diesel)	Deutz TCD2012L04M (water-cooled diesel)	Deutz TCD2012L04M (water-cooled diesel)
Horsepower	54 hp (40kW)	100 hp (75kW)	100 hp (75kW)
Fuel tank capacity	26 gal (98L)	26 gal (98L)	26 gal (98L)

Trailer - Torsion Axle			
Axle capacity	6000 lbs (2720kg)	6000 lbs (2720kg)	6000 lbs (2720kg)
Tires/Load range	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G
Brakes	Electric	Electric	Electric

Dimensions			
Length	178" (4.52m)	178" (4.52m)	187" (4.75m)
Width	71" (1.80m)	71" (1.80m)	71" (1.80m)
Height	70" (1.78m)	70" (1.78m)	70" (1.78m)
Weight (approx)	4500 lbs (2043kg)	4800 lbs (2177kg)	5200 lbs (2360kg)

Maximum theoretical values listed. \*Pumping distances shown are to be used as a guide only and can be exceeded on specific projects. Maximum attainable distances depend on concrete mix design, pipeline diameter and specific job site conditions. Note: Maximum output and pressure cannot be achieved simultaneously. Specifications subject to change without prior notice. Photos are for illustrative purposes only.

## Standard Features

- High performance diesel engine
- Engine temperature gauge integrated into control panel
- Protective engine cover
- Electric engine start/stop
- Variable displacement axial piston pump
- Variable volume (0 to full) - pump output
- Hydraulic sight gauge
- Hydraulic oil cooler
- Hard-chromed material cylinders
- Rugged 7 ft<sup>3</sup> (200L) capacity hopper
- Hopper grate
- Fully-enclosed weatherproof control panel (NEMA rated)
- Emergency stop button with light
- Convenient stroke change switch
- Manual stroke change kit
- 2-function remote control - start, stop and E-stop - with 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
- Adjustable primary balls for easy clean out
- Tie rod style nitrogen surge chamber
- Wedge pin manifold
- High quality paint finish



- Nitrogen surge chamber creates steady and continuous flow of concrete, while tie rod design enables easy and cost-effective maintenance.
- Putzmeister's exclusive combination of adjustable primary balls and wedge pin manifold enables the quickest and most convenient clean out.

## Options *(Consult factory for more options.)*

- 2-function wireless remote control
- 3-function wireless remote with linear throttle control at 1000 ft (305m) range
- 4-function wireless remote with linear throttle control and volume control at 1000 ft (305m) range
- Electric stroke counter
- Special paint schemes

# Putzmeister

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