

SPECIFICATIONS



Thom-Katt Series — Tier 3



Thom-Katt Series — Tier 4 Final

	TIER 4 INTERIM		
	TK 7	TK 20	TK 40
Performance			
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)
Maximum concrete pressure	1,240 psi (85 bar)	2,015 psi (139 bar)	1,150 psi (79 bar)
Maximum aggregate size	0.75" (19mm)	1.00" (25mm)	1.50" (38mm)
Technical Information			
Material cylinders	2" x 24" (51x610mm)	4.5" x 30" (114x762mm)	6" x 39" (150x1,000mm)
Maximum strokes per minute	36	31	31
Variable volume control	0 to full	0 to full	0 to full
S-Valve (cast)	3" x 3" (76x76mm)	4.5" x 4" (114x100mm)	6" x 5" (150x125mm)
Number of shift cylinders	1	1	2
Hydraulic tank capacity	28 gal (105L)	46 gal (175L)	46 gal (175L)
Hopper height	42.1" (1,070mm)	49" (1,245mm)	49" (1,245mm)
Hopper capacity	7.8 cu ft (220L)	9.5 cu ft (270L)	9.5 cu ft (270L)
Outlet diameter	3" HD (76mm)	4" HD (102mm)	5" HD (125mm)
Engine			
Manufacturer's model (all water-cooled except TK 20, TK 40)	TEFC Motor	Deutz TD2011L04i	Deutz TD2011L04i
Horsepower	30 hp (22kW)	68 hp (51kW)	68 hp (51kW)
Fuel tank capacity	–	22 gal (83L)	26 gal (98L)
Trailer			
Axle	–	Single	Single
Axle capacity	–	7,000 lbs (3,175kg)	7,000 lbs (3,175kg)
Tires/Load range	–	LT 235/85R16G	LT 235/85R16G
Brakes	–	Electric	Electric
Outriggers	–	Manual	Manual
Dimensions			
Length	87.4" (2.22m)	174" (4.42m)	191" (4.85m)
Width	37.2" (0.94m)	74.5" (1.89m)	74.5" (1.89m)
Height	54" (1.37m)	78" (1.98m)	78" (1.98m)
Weight (approx.)	2,360 lbs (1,070kg)	4,800 lbs (2,177kg)	5,600 lbs (2,540kg)

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TIER 3 EXPORT		TIER 4 FINAL			
TK 50	TK 70	TK 40	TK 50	TK 60HP	TK 70
54 yd ³ /hr (41m ³ /hr)	74 yd ³ /hr (57m ³ /hr)	40 yd ³ /hr (30m ³ /hr)	54 yd ³ /hr (41m ³ /hr)	60 yd ³ /hr (46m ³ /hr)	74 yd ³ /hr (57m ³ /hr)
1,150 psi (79 bar)	1,130 psi (78 bar)	1,150 psi (79 bar)	1,150 psi (79 bar)	1,450 psi (100 bar)	1,130 psi (78 bar)
1.50" (38mm)	1.50" (38mm)	1.50" (38mm)	1.50" (38mm)	1.50" (38mm)	1.50" (38mm)
6" x 39" (150x1,000mm)	7" x 39" (180x1,000mm)	6" x 39" (150x1,000mm)	6" x 39" (150x1,000mm)	6" x 39" (150x1,000mm)	7" x 39" (180x1,000mm)
43	44	31	43	48	44
0 to full	0 to full	0 to full	0 to full	0 to full	0 to full
6" x 5" (150x125mm)	7" x 5" (180x125mm)	6" x 5" (150x125mm)	6" x 5" (150x125mm)	6" x 5" (150x125mm)	7" x 5" (180x125mm)
2	2	2	2	2	2
46 gal (175L)	46 gal (175L)	46 gal (175L)	44 gal (167L)	44 gal (167L)	44 gal (167L)
49" (1,245mm)	49" (1,245mm)	49" (1,245mm)	49" (1,245mm)	49" (1,245mm)	49" (1,245mm)
9.5 cu ft (270L)	9.5 cu ft (270L)	9.5 cu ft (270L)	9.5 cu ft (270L)	9.5 cu ft (270L)	9.5 cu ft (270L)
5" HD (125mm)	5" HD (125mm)	5" HD (125mm)	5" HD (125mm)	5" HD (125mm)	5" HD (125mm)
Deutz TCD2012L04m	Deutz TCD2012L04m	Deutz TD2.9L4	Cummins QSF3.8	Cummins QSF3.8	Cummins QSF3.8
100 hp (75kW)	100 hp (75kW)	74 hp (55kW)	100 hp (75kW)	130 hp (97kW)	100 hp (75kW)
26 gal (98L)	26 gal (98L)	26 gal (98L)	28 gal (105L)	28 gal (105L)	28 gal (105L)
Single	Single	Single	Single	Single	Single
7,000 lbs (3,175kg)	7,000 lbs (3,175kg)	7,000 lbs (3,175kg)	7,000 lbs (3,175kg)	7,000 lbs (3,175kg)	7,000 lbs (3,175kg)
LT 235/85R16G	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G	LT 235/85R16G
Electric	Electric	Electric	Electric	Electric	Electric
Manual	Manual	Manual	Manual	Manual	Manual
191" (4.85m)	191" (4.85m)	191" (4.85m)	191" (4.85m)	191" (4.85m)	191" (4.85m)
74.5" (1.89m)	74.5" (1.89m)	74.5" (1.89m)	74.5" (1.89m)	74.5" (1.89m)	74.5" (1.89m)
90" (2.28m)	90" (2.28m)	81.5" (2.07m)	87" (2.21m)	87" (2.21m)	87" (2.21m)
6,200 lbs (2,810kg)	6,500 lbs (2,950kg)	6,000 lbs (2,720kg)	6,700 lbs (3,040kg)	7,000 lbs (3,175kg)	7,000 lbs (3,175kg)

† Optional electric versions have decreased output.

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.