

TH8-42 - NEW

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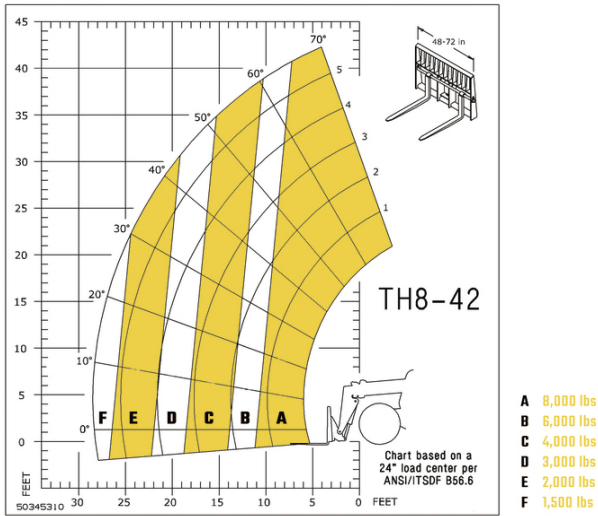
*Specifications subject to change

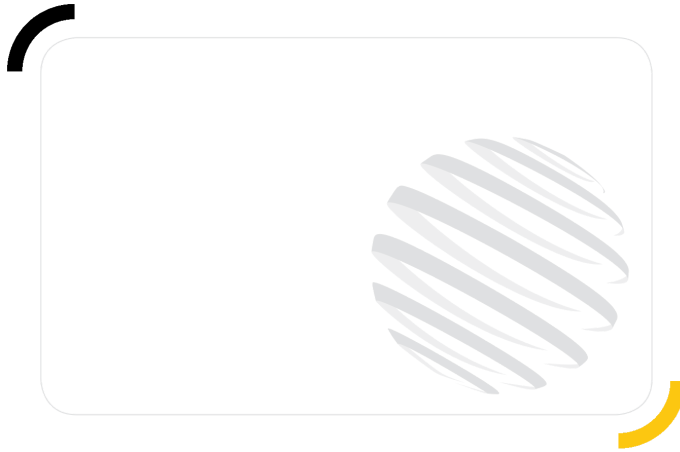
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Capacities		Metric	Imperial
Max. capacity		3628.70 kg	8000 lb
Max. lifting height		12.96 m	42 ft 6 in
Max. outreach		8.69 m	28 ft 6 in
Weight and dimensions			
Overall length to carriage	l1	6.30 m	20 ft 8 in
Overall length (with forks)	l	7.51 m	24 ft 8 in
Overall width	b1	2.48 m	8 ft 2 in
Overall height	h17	2.44 m	8 ft
Wheelbase	y	3.50 m	11 ft 6 in
Ground clearance	m4	0.46 m	1 ft 6 in
Overall cab width	b4	0.95 m	3 ft 1 in
Tilt-up angle	a4	34 °	34 °
Tilt-down angle	a5	96 °	96 °
External turning radius	Wa3	4.01 m	13 ft 2 in
Overall weight		10864 kg	23951 lb
Tires type		Pneumatic	Pneumatic
Forks length / width / section	l / e / s	1219 mm x 101 mm / 50.80 mm	48 in x 4 in / 2 in
Frame leveling longitudinal +/-		10 °	10 °
Frame leveling corrector	a9	10 °	10 °
Performances			
Lifting		11 s	11 s
Lowering		6 s	6 s
Extension		17 s	17 s
Retraction		11 s	11 s
Crowd		4 s	4 s
Dump		6 s	6 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Tier 4 final	Tier 4 final
Engine model		TCD 3.6 L4	TCD 3.6 L4
Number of cylinders / Capacity of cylinders		4 - 3600 cm ³	4 - 220 in ³
I.C. Engine power rating - Power (kW)		127 Hp / 95 kW	127 Hp / 95 kW
Max. torque / Engine rotation		500 Nm @ 2300 rpm	369 ft/lbs @ 2300 rpm
Transmission			
Transmission type		Powershift	Powershift
Number of gears (forward / reverse)		5 / 3	5 / 3
Max. travel speed		34.60 km/h	21 mi/h
Parking brake		SAHR	SAHR
Service brake		Wet disc brakes	Wet disc brakes
Hydraulics			
Hydraulic pump type		Axial piston	Axial piston
Hydraulic flow / Pressure		151 l/min-275.80 bar	40 US gpm-4000 PSI
Tank capacities			
Engine oil		8.51 l	2 US gal
Hydraulic oil		136.30 l	36 US gal
Fuel tank		144 l	38 US gal
DEF tank capacity		10 l	3 US gal
Noise and vibration			
Noise at driving position (LpA)		80 dB	80 dB
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2

TH8-42 - NEW - Load chart

Machine on tyres with forks Imperial





GEHL®

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