

AL430

AL/ALT



GEHL®

| Capacities | | Metrisch | US-System |
|--|-----|--|--|
| Static tipping load with bucket (straight) | | 1540 kg | 3395 lb |
| Static tipping load with bucket (full turn) | | 1355 kg | 2987 lb |
| Static tipping load with forks (straight) | | 1175 kg | 2590 lb |
| Static tipping load with forks (full turn) | | 1030 kg | 2271 lb |
| Max. height of bucket pivot point | h35 | 2.83 m | 9 ft 4 in |
| Weight and dimensions | | | |
| Unladen weight (with forks) with 4-post canopy | | 2316 kg | 5106 lb |
| Wheelbase | y | 1.65 m | 5 ft 5 in |
| Overall cab width | b4 | 0.99 m | 3 ft 3 in |
| Overall height with 4 posts canopy | h38 | 2.25 m | 7 ft 5 in |
| Dump reach - Full height | r6 | 479 mm | 19 in |
| Hood Height | h40 | 1.40 m | 4 ft 7 in |
| Overall Operating Height - Fully Raised | h27 | 3.63 m | 11 ft 11 in |
| Articulation angle | a19 | 45 ° | 45 ° |
| Maximum oscillation angle | | 10 ° | 10 ° |
| Overall length with bucket | l16 | 4.27 m | 14 ft |
| Overall width less bucket | b1 | 1.10 m | 3 ft 7 in |
| Overall length - Less Bucket | l2 | 3.58 m | 11 ft 9 in |
| Rear overhang | c6 | 1.12 m | 3 ft 8 in |
| Dump angle - Fully raised | a5 | 42 ° | 42 ° |
| Dump Height - Fully Raised | h29 | 2.12 m | 7 ft |
| Maximum Rollback Angle - Fully Raised | a4 | 48 ° | 48 ° |
| Maximum Rollback Angle at Ground | a13 | 50 ° | 50 ° |
| Digging Position | h32 | -79 mm | -3 in |
| Ground clearance | m4 | 320 mm | 13 in |
| Clearance Radius - Front with Bucket | b18 | 3.24 m | 10 ft 8 in |
| Ground Plane to Bucket Edge Height | h42 | 2.65 m | 8 ft 9 in |
| Tread width (wheel center) | b29 | 836 mm | 33 in |
| Attachment Pivot Clearance | | 103 mm | 4 in |
| Height from ground to axle center | m8 | 214 mm | 8 in |
| Bucket Width | e1 | 1.52 m | 5 ft |
| Front Wheel Center to Pivot Pin | m3 | 0.66 m | 2 ft 2 in |
| Height to Hinge Pin – Fully Raised | h28 | 2.90 m | 9 ft 6 in |
| Engine | | | |
| Engine brand | | Perkins | Perkins |
| Engine model | | 403J-17T | 403J-17T |
| Engine norm | | Stage V | Stage V |
| Number of cylinders | | 3 | 3 |
| I.C. Engine power rating / Power | | 48.90 Hp / 36 kW | 48.90 Hp / 36 kW |
| Max. torque / Engine rotation | | 160 Nm / 1600 rpm | 118 ft/lbs / 1600 rpm |
| Engine cooling system | | Water | Water |
| Transmission | | | |
| Transmission type | | Hydrostatic | Hydrostatic |
| Number of gears (forward / reverse) | | 2 / 2 | 2 / 2 |
| Max. travel speed (may vary according to applicable regulations) | | 20 km/h | 12 mph |
| Travel speed (laden) | | 20 km/h | 12 mph |
| Parking brake | | Mechanical hand-operated parking brake | Mechanical hand-operated parking brake |
| Hydraulics | | | |
| Hydraulic pump type | | Gear pump | Gear pump |
| Hydraulic flow - Pressure | | 60 l/min / 207 bar | 16 US gpm / 3002 PSI |
| Drive hydraulic system pressure | | 207 bar | 3002 PSI |
| Tank capacities | | | |
| Hydraulic oil | | 48 l | 13 US gal |
| Fuel tank | | 50 l | 13 US gal |



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