

Specifications

| Model | GTH™-844 | |
|---|-------------|-------------|
| Measurements | US | Metric |
| Maximum lift height | 43 ft 10 in | 13.36 m |
| Maximum forward reach | 28 ft 2 in | 8.59 m |
| Reach at maximum height | 2 ft 1 in | 0.64 m |
| A Height, stowed | 7 ft 10 in | 2.39 m |
| B Length, stowed (without forks) | 20 ft 3 in | 6.35 m |
| Width | 7 ft 11 in | 2.41 m |
| C Wheelbase | 11 ft 4 in | 3.45 m |
| D Ground clearance, center | 1 ft 3 in | 0.38 m |
| E Ground clearance, axle | 1 ft 5 in | 0.43 m |
| Fork cross section | 2 x 4 in | 51 x 101 mm |

Productivity

| | | |
|---------------------------------|--------------------|---------------|
| Maximum lift capacity | 8,000 lbs | 3,629 kg |
| Lift capacity at maximum height | 6,000 lbs | 2,722 kg |
| Lift capacity at maximum reach | 2,000 lbs | 907 kg |
| Drive speed | 17 mph | 27.4 km/h |
| Boom up/down | 13/10 seconds | 13/10 seconds |
| Boom extend/retract | 14/9 seconds | 14/9 seconds |
| Draw bar pull | 21,000 lbs | 9,525 kg |
| Turning radius, outside (4WS) | 13 ft 9 in | 4.19 m |
| Auxiliary hydraulic flow | 2-15 gpm | 7.57-56.8 lpm |
| Auxiliary hydraulic pressure | 3,000 psi | 207 bar |
| Tires, standard size | 13 x 24 in, 12 ply | |

Power

| | |
|------------------------------------|--|
| Power source | Deutz 3.6TCD turbo charged diesel, Tier 4 interim 99 hp (74 kW) * |
| | Perkins 854E turbo charged diesel, Tier 4 interim 99 hp (74 kW) |
| | Perkins 1104D turbo charged diesel, Tier 3 99 hp (74 kW) ** |
| Electrical system | System voltage 12 volt |
| Alternator | Perkins 854 - 120amps, Perkins 1104 - 95amps, Deutz 3.6TCD - 95amps |
| Battery | 1000 CCA at 0°F (-18°C) |
| Hydraulic tank capacity | 40 gal 151 L |
| Hydraulic system capacity (w/tank) | 50 gal 189 L |
| Fuel tank capacity | 35 gal 132 L |

Weight***

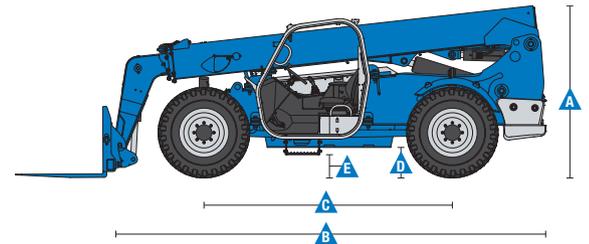
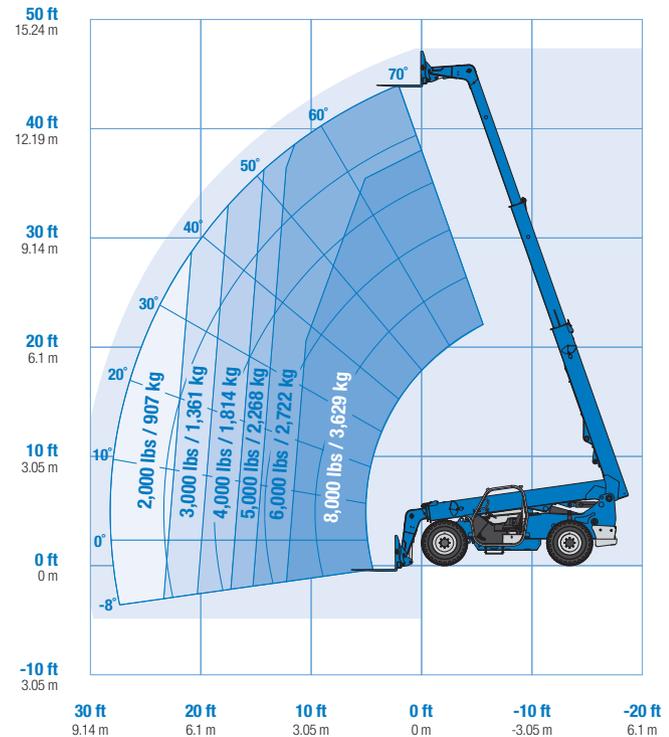
| | | |
|--|------------|-----------|
| | 22,600 lbs | 10,251 kg |
|--|------------|-----------|

Standards Compliance

ANSI/ITSDF B56.6, CSA B335

* Also available as Tier 3 in limited regions.
 ** Availability limited by region and country standards.
 *** Weight will vary depending on options and/or country standards.
 **** Load ratings vary depending on attachment.

Load Chart GTH™-844****



Features

Standard Features

Measurements

- 8,000 lb (3,629 kg) maximum lift capacity
- 43 ft 10 in (13.36 m) maximum lift height
- 28 ft 2 in (8.59 m) maximum reach

Productivity

- Full time planetary 4-wheel drive
- 4WS
- Operator selectable front, crab, coordinated steering modes
- 3-speed forward and reverse powershift transmission
- Proportional frame leveling 10° each side
- Power assisted steering
- Inboard wet disc service brakes
- Wet disc spring applied parking brake
- 13 x 24 in 12-ply tires
- Front axle differential lock
- High efficiency/variable displacement hydraulic pump
- ROPS/FOPS canopy (ISO compliant)
- Single, multi-function, proportional joystick
- Machine level indicator
- Full instrumentation
- Right-side screen standard on open cab
- Manual quick attach
- Retractable 3 in (8 cm) seatbelt
- 48 in carriage and pallet forks
- Boom angle indicator
- 10 micron hydraulic return filter
- 1,000 cold cranking amps at 0° F (-18° C)
- Reverse motion alarm

Options & Accessories

Productivity

- Fully enclosed cab (includes full glass, defroster, wiper, right-side sliding window, split door, washer)
- Fully enclosed cab with air conditioning
- Adjustable suspension seat
- Dual joystick controls
- Flashing beacon
- Work lights (2 cab mounted front, 1 back-up, 2 stop/tail)
- Road lights (2 cab mounted front, 1 back-up, 2 rear stop/turn/tail, 2 front turn)
- Auxiliary hydraulic circuit
- Fenders (set of 4)
- Mounted fire extinguisher

Engine Options

- Deutz 3.6TCD turbo charged diesel, Tier 4 interim 99 hp (74 kW) *
- Perkins 854E turbo charged diesel, Tier 4 interim 99 hp (74 kW)
- Perkins 1104D turbo charged diesel, Tier 3 99 hp (74 kW) **

Tire Options

- 13 x 24 in 12-ply foam-filled rough terrain tires
- 13 x 24 in 12-ply air-filled rough terrain tires
- 13 x 24 in 12-ply solid rough terrain tires
- Firestone upgrade option

Options & Accessories

Attachment Options

- Carriages
 - 60 in (1.52 m) wide carriage
 - 72 in (1.83 m) wide carriage
 - 48 in (1.22 m) rotating carriage (10° from center left and right)
 - 60 in (1.52 m) rotating carriage (10° from center left and right)
- Forks (in addition to standard 48 in pallet forks)
 - 60 in (1.52 m) pallet forks (set of two) 2 x 4 x 60 in (.05 x .10 x 1.52 m)
 - 72 in (1.83 m) pallet forks (set of two) 2 x 4 x 72 in (.05 x .10 x 1.83 m)



* Also available as Tier 3 in limited regions.

** Availability limited by region and country standards.

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