

Specifications

MODEL GTH™-644

MEASUREMENTS	US	Metric
Maximum lift height	44 ft	13.41 m
Reach	27 ft	8.23 m
Reach at maximum height	3 ft 6 in	1.07 m
A Height, stowed	8 ft 11 in	2.72 m
B Length, stowed (without forks)	19 ft 10 in	6.05 m
Width	8 ft 6 in	2.59 m
C Wheelbase	10 ft 10 in	3.30 m
D Ground clearance, center	1 ft 5 in	0.43 m
E Ground clearance, axle	1 ft 5 in	0.43 m
Fork cross section	2 x 4 in	0.05 x 0.10 m

PRODUCTIVITY

Maximum lift capacity	6,000 lbs	2,722 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
Draw bar pull	19,200 lbs	8,709 kg
Turning radius, outside (4WS)	14 ft 9 in	4.50 m
Auxiliary hydraulic flow	4 or 7 gpm	11 or 26 lpm
Auxiliary hydraulic pressure	2,250 psi	155 bar
Tires, standard size	13 x 24 in, 12 ply	

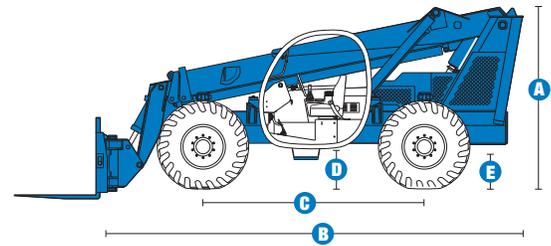
POWER

Power source	John Deere 4045TF270 4 cylinder diesel 99 hp (73.8 kW)	
Hydraulic tank capacity	34 gal	129 liters
Hydraulic system capacity (w/tank)	50 gal	189 liters
Fuel tank capacity	30 gal	114 liters

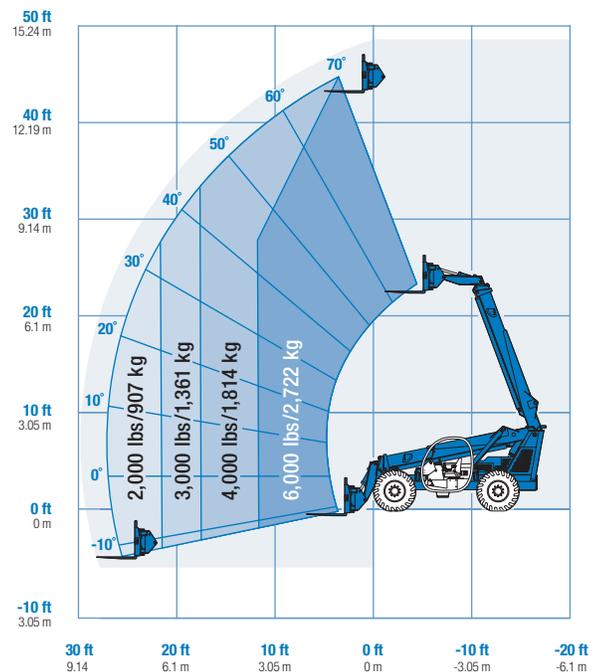
WEIGHT

Weight*	21,480 lbs	9,743 kg
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STANDARDS COMPLIANCE ASME B 56.6, ISO 8471, ISO 8449



RANGE OF MOTION GTH™-644



* Weight will vary depending on options and/or country standards.

Features

STANDARD FEATURES

MEASUREMENTS

- 6,000 lb (2,722 kg) maximum lift capacity
- 44 ft (13.41 m) maximum lift height
- 27 ft (8.23 m) maximum reach

PRODUCTIVITY

- 4WD
- 4WS
- 3-speed forward and reverse powershift transmission
- Power assisted steering
- Internal multiple wet disc brakes
- Limited slip front axle differential
- Spring applied, hydraulic release emergency parking brake
- 13 x 24 in 12-ply, calcium chloride filled tires
- Rear axle lock-up
- High efficiency/variable displacement hydraulic pump
- ROPS/FOPS canopy (ISO compliant)
- Multi-function joystick controller
- Fully hydraulic proportional boom controls
- Rear window
- Machine level indicator
- Full instrumentation
- 48 in carriage (pin on)
- 48 in pallet forks
- Boom angle indicator

POWER

- John Deere 99 hp Tier II turbo-charged diesel engine

OPTIONS & ACCESSORIES

PRODUCTIVITY

- Fully enclosed cab (includes full glass, defroster, wiper, right-side sliding window, split door)
- Fully enclosed cab with air conditioning
- Wiper
- Defroster fan
- Right-side sliding window
- Glass over skylight bars
- Front window
- Front screen
- Right-side screen
- Cab heater
- Adjustable suspension seat
- Dual joystick controls
- Front axle differential lock
- Strobe light
- 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 disposable fire extinguisher
- Manual quick attach

ATTACHMENT OPTIONS

- Carriages
 - 60 in (1.52 m) swing carriage
 - 72 in (1.83 m) swing carriage
 - 60 in (1.52 m) wide fork frame
 - 72 in (1.83 m) wide fork frame
 - 48 in (1.22 m) rotating fork frame
 - 60 in (1.52 m) rotating fork frame
 - 72 in (1.83 m) rotating fork frame



- 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)
 - 60 in (1.52 m) full taper forks (set of two) 2.25 x 5 x 60 in (.06 x .13 x 1.52 m)
 - 60 in (1.52 m) lumber forks (set of two) 1.75 x 7 x 60 in (.04 x .18 x 1.52 m)
 - Cubing tines (set of 4)
- Bucket
 - Light duty rubbish bucket
- Variable reach truss boom
 - 2,000 lb (907 kg) capacity at 8 ft (2.44 m)
 - 1,500 lb (680 kg) capacity at 10 ft (3.05 m)
 - 1,000 lb (454 kg) capacity at 12 ft (3.66 m)
 - 750 lb (340 kg) capacity at 14 ft (4.27 m)

ENGINE OPTIONS

- Deutz 99 hp turbo-charged Tier II diesel engine
- Intake air heater and block heater (Deutz engine)
- Electric block heater (Deutz engine)
- Electric ether aid (John Deere engine)
- Electric block heater (John Deere engine)

TIRE OPTIONS

- 13 x 24 in 12-ply foam-filled tires
- 13 x 24 in 12-ply foam-filled rock lug tires

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