

Specifications

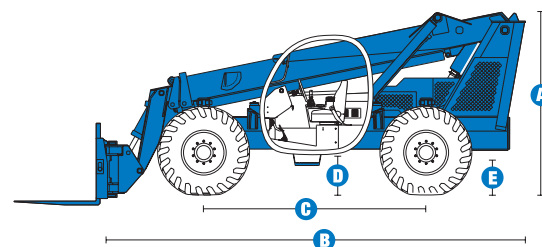
MODEL GTH™-644		
MEASUREMENTS	US	Metric
Maximum lift height	44 ft	13.41 m
Reach	27 ft	8.23 m
Reach at maximum height	3 ft 6 in	1.07 m
A Height, stowed	8 ft 11 in	2.72 m
B Length, stowed (without forks)	19 ft 10 in	6.05 m
Width	8 ft 6 in	2.59 m
C Wheelbase	10 ft 10 in	3.30 m
D Ground clearance, center	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	51 x 101 mm

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	3-7 gpm	11-26 lpm
Auxiliary hydraulic pressure	3,000 psi	207 bar
Tires, standard size	13 x 24 in, 12 ply	

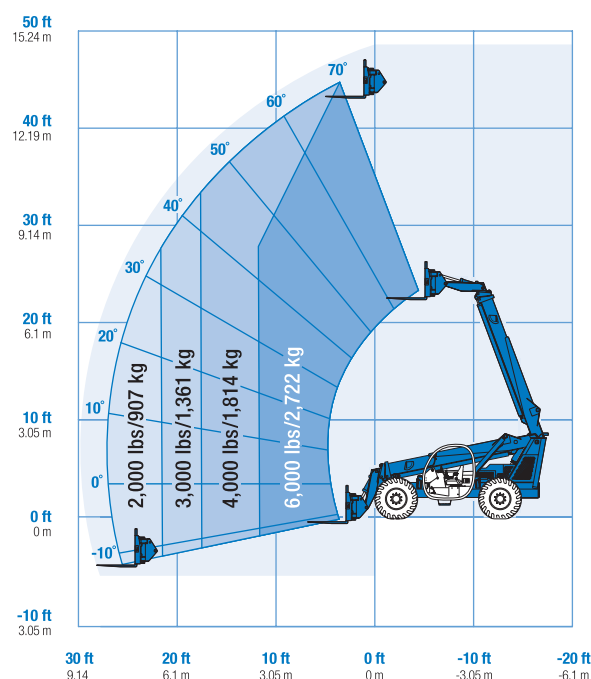
POWER		
Power source	John Deere 4045TF270 4 cylinder turbo-charged diesel 99 hp (73.8 kW) Deutz BF 4 2012 100 hp Tier II turbo-charged diesel Perkins 99 hp Tier II turbo-charged diesel	
Hydraulic tank capacity	34 gal	129 L
Hydraulic system capacity (w/tank)	50 gal	189 L
Fuel tank capacity	30 gal	114 L

WEIGHT		
Weight*	21,500 lbs	9,752 kg

STANDARDS COMPLIANCE ASME B 56.6, ISO 3471, ISO 3449



RANGE OF MOTION GTH™-644**



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

** Load ratings vary depending on attachment.

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
- 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

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
- Manual quick attach
- 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

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 – 1yd³ (.76m³)
- Variable reach truss boom

ENGINE OPTIONS

- Deutz 100 hp Tier II turbo-charged diesel engine
- John Deere 99 hp Tier II turbo-charged diesel engine
- Perkins 99 hp Tier II turbo-charged diesel engine
- Intake air heater and block heater (Deutz engine)
- Electric block heater (Deutz engine)
- Electric block heater (John Deere engine)
- Electric block heater (Perkins engine)
- Electric ether aid (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
- 13 x 24 in 12-ply air-filled tires

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