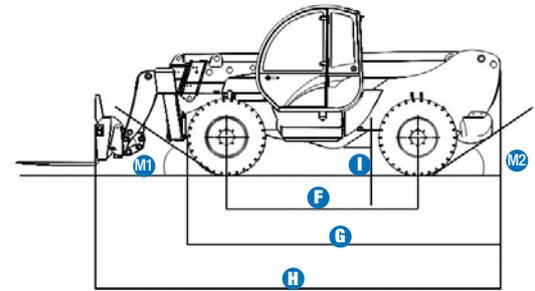
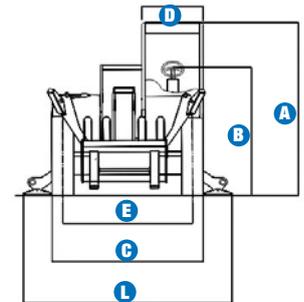


## Specifications

MODEL		GTH-4514	
MEASUREMENTS	Metric	Imperial	
Lifting height maximum	13.72 m	45 ft	
Lifting capacity maximum	4,500 kg	9,920 lbs	
Lift capacity at maximum height	3,500 kg	7,715 lbs	
Lift capacity at maximum reach	1,250 kg	2,755 lbs	
Forward reach maximum	9.5 m	31 ft 2 in	
Reach at maximum height	90 cm	2 ft 11 in	
<b>A</b> Height	2.56 m	8 ft 5 in	
<b>B</b> Height at steering wheel	1.98 m	6 ft 6 in	
<b>C</b> Width	2.38 m	7 ft 10 in	
<b>D</b> Inside cab width	78 cm	2 ft 7 in	
<b>E</b> Track	1.98 m	6 ft 6 in	
<b>F</b> Wheelbase	2.85 m	9 ft 4 in	
<b>G</b> Length at front wheels	4.52 m	14 ft 10 in	
<b>H</b> Length at fork-holder plate	6.14 m	20 ft 2 in	
<b>I</b> Ground clearance	46 cm	1 ft 6 in	
<b>L</b> Overall width, stabilisers extended	2.93 m	9 ft 7 in	
<b>M1</b> Obstruction angle	39°	39°	
<b>M2</b> Departure angle	27°	27°	



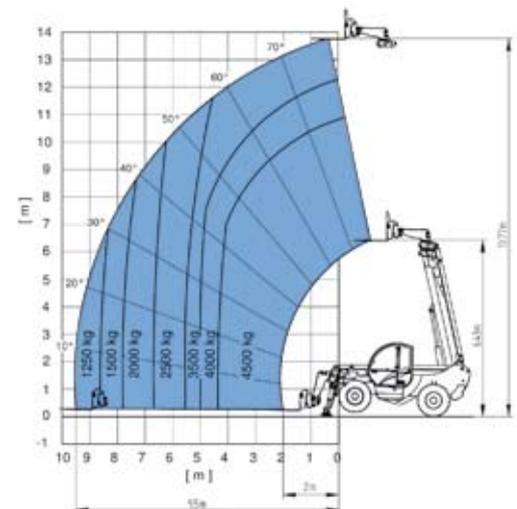
PRODUCTIVITY		
Lifting/lowering speed	16 sec./12 sec.	16 sec./12 sec.
Extension/retraction speed	24 sec./17 sec.	24 sec./17 sec.
Inside/outside turning radius	1.3 m/3.99 m	4 ft 3 in/13 ft 2 in
Break out force (with 500L shovel SAE J 732/80)	7,400 kg	16,312 lbs
Towing capacity at dynamometer	7,480 kg	16,511 lbs
Travel speed	35 km/h	22 mph
Fork-holder plate rotation	145°	145°
Chassis levelling on the front axle	+/- 8°	+/- 8°
Floating forks	L 1200 mm Section 120 x 50 mm	L 3 ft 11 in Section 5 in x 2 in
Tyres (DIN 70361)	405/70-20" PR14 8 holes wheel disc	



POWER		
Engine	Perkins Turbo Diesel 74.4 kW (101 HP)	
Tank capacities		
Fuel	135 L	30 gal
Engine oil	11.5 L	2 gal
Hydraulic oil	150 L	48 gal
Hydraulic output/pressure	95 L/min-270 bar	30 gal/min-3,916 psi

WEIGHT		
Weight*	10,700 kg	23,587 lbs

STANDARDS COMPLIANCE	
	Operating cab conforms to ISO3471 (ROPS) and ISO3449 (FOPS)
	Low emission engine conforms to UE 97/68 directives.
	GOST R 50950-96



Lift capacity chart (with stabilisers)

EN1459, Annex B

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

# Features

## STANDARD FEATURES

### MEASUREMENTS

- 4,500 kg (9,920 lb) maximum lift capacity
- 13.77 m (45 ft 2 in) maximum lift height
- 9.5 m (31 ft 2 in) maximum forward reach

### PRODUCTIVITY

- 4 x 4
- 4 - wheel steer
- 3 steering modes:
  - front wheel steer
  - crab steer
  - coordinated steer
- Power assisted steering
- Front hydraulic stabilisers
- Two-speed mechanical gearbox
- Multifunction electric proportional joystick
- Limited slip differential on front axle
- 405/70-24" tyres
- Fork-holder plate and floating forks
- Rear axle automatic lockout
- Quick coupling for attachments
- Adjustable suspended seat
- Large diameter steering wheel
- Front windscreen wipers
- Front & rear lights
- Oil immersed, multi-disc, self-adjusting brakes on both axles
- Lockable fuel tank
- Longitudinal stability control system with load monitor
- Visible display with coloured LEDs
- Audible alarm
- Automatic lock-out of boom extension and lowering
- Lockout of stabilisers and chassis levelling with boom raised
- Chassis levelling on front axle +/- 8°
- Control enable switch

### POWER

- Perkins Turbo Diesel 74.4 kW (101 HP)



## OPTIONS & ACCESSORIES

### PRODUCTIVITY

- Air conditioning
- Special air filter
- Second hydraulic line on boom
- Electric pre-arrangement on boom
- Windshield protection grid
- Wiper on cab roof
- Adjustable spotlight
- 405/70-24" tyres
- Spare wheel
- Water muffler
- Complete radio remote control
- 10 ton hydraulic jack and 24 mm wheel nut wrench
- Emergency electric pump

### ATTACHMENT OPTIONS

- Loading shovel 800 L
- Concrete bucket 500/800 L manual/hydraulic discharge
- Concrete mixing bucket 500 L with remote control
- Brick-holder basket
- Fork side-shift (+/- 100 mm)
- FEM 3 plate and forks kit
- Fixed hook on plate
- 4 m jib, 900 kg capacity
- 4 m jib with 900 kg capacity hydraulic winch
- Hydraulic winch 3000 kg
- Centring-holder boom (tunneling application)
- Fixed or rotating man platform up to 4.64 m

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