

Specifications

Lifting capacity maximum 5,000 kg 11,022 lbs Lift capacity at maximum height 2,500 kg 5,511 lbs Lift capacity at maximum reach 400 kg 882 lbs Forward reach maximum 18.93 m 62 ft 1 in Reach at maximum height 4.10 m 13 ft 5 in A Height 3.05 m 10 ft B Height at steering wheel 2.20 m 7 ft 3 in Width 2.49 m 8 ft 2 in Cab width 93 cm 3 ft Track 2.02 m 6 ft 8 in Wheelbase 3.50 m 11 ft 6 in Length at stabilisers 6.06 m 19 ft 11 in Length at fork-holder plate 7.70 m 25 ft 3 in Cround clearance 43 cm 1 ft 5 in Coverall width, stabilisers extended 5.15 m 16 ft 11 in Side rear overhang 2.87 m 9 ft 5 in Side front overhang 4.67 m 15 ft 4 in Overall length 8.88 m 29 ft 2 in Overall front overhang 5.85 m 19 ft 2 in	MODEL	GTH™-5022 R	
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Lift capacity at maximum height 2,500 kg 5,511 lbs Lift capacity at maximum reach 400 kg 882 lbs Forward reach maximum 18.93 m 62 ft 1 in Reach at maximum height 4.10 m 13 ft 5 in 4 Height 3.05 m 10 ft 3 Height at steering wheel 2.20 m 7 ft 3 in 6 Width 2.49 m 8 ft 2 in 10 Cab width 93 cm 3 ft 3 Track 2.02 m 6 ft 8 in 6 Wheelbase 3.50 m 11 ft 6 in 6 Length at stabilisers 6.06 m 19 ft 11 in 1 Length at fork-holder plate 7.70 m 25 ft 3 in 1 Ground clearance 43 cm 1 ft 5 in 1 Ground width, stabilisers extended 5.15 m 16 ft 11 in 1 Side rear overhang 2.87 m 9 ft 5 in 1 Side front overhang 4.67 m 15 ft 4 in 2 Overall length 8.88 m 29 ft 2 in 2 Overall front overhang 5.85 m 19 ft 2 in 3 Obstruction angle 17° 17°	Lifting height maximum	21.93 m	71 ft 11 in
Lift capacity at maximum reach 400 kg 882 lbs Forward reach maximum 18.93 m 62 ft 1 in Reach at maximum height 4.10 m 13 ft 5 in 4 Height 3.05 m 10 ft 6 Height at steering wheel 2.20 m 7 ft 3 in 6 Width 2.49 m 8 ft 2 in 6 Cab width 93 cm 3 ft 7 Track 2.02 m 6 ft 8 in 7 Wheelbase 3.50 m 11 ft 6 in 7 Length at stabilisers 6.06 m 19 ft 11 in 7 Length at fork-holder plate 7.70 m 25 ft 3 in 7 Ground clearance 43 cm 1 ft 5 in 7 Overall width, stabilisers extended 5.15 m 16 ft 11 in 7 Side rear overhang 2.87 m 9 ft 5 in 7 Side front overhang 4.67 m 15 ft 4 in 7 Overall length 8.88 m 29 ft 2 in 9 Overall front overhang 5.85 m 19 ft 2 in 9 Overall front overhang 5.85 m 19 ft 2 in 9 Obstruction angle	Lifting capacity maximum	5,000 kg	11,022 lbs
Forward reach maximum Reach at maximum height 4.10 m 13 ft 5 in Height 3.05 m 10 ft Height at steering wheel 2.20 m 7 ft 3 in Width 2.49 m 8 ft 2 in Cab width 3.50 m 3 ft Track 2.02 m 6 ft 8 in Wheelbase 3.50 m 11 ft 6 in Length at stabilisers 6.06 m 19 ft 11 in Length at fork-holder plate 7.70 m 25 ft 3 in Ground clearance 43 cm 1 ft 5 in Coverall width, stabilisers extended 5.15 m 16 ft 11 in Side rear overhang 2.87 m 9 ft 5 in Side front overhang 4.67 m 15 ft 4 in Overall length 8.88 m 29 ft 2 in Overall front overhang 5.85 m 19 ft 2 in Obstruction angle	Lift capacity at maximum height	2,500 kg	5,511 lbs
Reach at maximum height 4.10 m 13 ft 5 in A Height 3.05 m 10 ft Height at steering wheel 2.20 m 7 ft 3 in Width 2.49 m 8 ft 2 in Cab width 93 cm 3 ft Track 2.02 m 6 ft 8 in Wheelbase 3.50 m 11 ft 6 in Length at stabilisers 6.06 m 19 ft 11 in Length at fork-holder plate 7.70 m 25 ft 3 in Ground clearance 43 cm 1 ft 5 in Overall width, stabilisers extended 5.15 m 16 ft 11 in Side rear overhang 2.87 m 9 ft 5 in Side front overhang 4.67 m 15 ft 4 in Overall length 8.88 m 29 ft 2 in Overall front overhang 5.85 m 19 ft 2 in Obstruction angle 17° 17°	Lift capacity at maximum reach	400 kg	882 lbs
① Height 3.05 m 10 ft ② Height at steering wheel 2.20 m 7 ft 3 in ③ Width 2.49 m 8 ft 2 in ① Cab width 93 cm 3 ft ③ Track 2.02 m 6 ft 8 in ⑤ Wheelbase 3.50 m 11 ft 6 in ⑤ Length at stabilisers 6.06 m 19 ft 11 in ① Length at fork-holder plate 7.70 m 25 ft 3 in ① Ground clearance 43 cm 1 ft 5 in ① Overall width, stabilisers extended 5.15 m 16 ft 11 in ① Side rear overhang 2.87 m 9 ft 5 in ① Side front overhang 4.67 m 15 ft 4 in ① Overall length 8.88 m 29 ft 2 in ② Overall front overhang 5.85 m 19 ft 2 in ① Obstruction angle 17° 17°	Forward reach maximum	18.93 m	62 ft 1 in
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Width 2.49 m 8 ft 2 in Cab width 93 cm 3 ft Track 2.02 m 6 ft 8 in Wheelbase 3.50 m 11 ft 6 in Length at stabilisers 6.06 m 19 ft 11 in Length at fork-holder plate 7.70 m 25 ft 3 in Ground clearance 43 cm 1 ft 5 in Overall width, stabilisers extended 5.15 m 16 ft 11 in Side rear overhang 2.87 m 9 ft 5 in Side front overhang 4.67 m 15 ft 4 in Overall length 8.88 m 29 ft 2 in Overall front overhang 5.85 m 19 ft 2 in Obstruction angle 17° 17°	⚠ Height	3.05 m	10 ft
① Cab width 93 cm 3 ft ③ Track 2.02 m 6 ft 8 in ⑤ Wheelbase 3.50 m 11 ft 6 in ⑥ Length at stabilisers 6.06 m 19 ft 11 in ⑥ Length at fork-holder plate 7.70 m 25 ft 3 in ⑥ Ground clearance 43 cm 1 ft 5 in ⑥ Overall width, stabilisers extended 5.15 m 16 ft 11 in Ø Side rear overhang 2.87 m 9 ft 5 in Ø Side front overhang 4.67 m 15 ft 4 in ⑥ Overall length 8.88 m 29 ft 2 in ⑥ Overall front overhang 5.85 m 19 ft 2 in ⑨ Obstruction angle 17° 17°	B Height at steering wheel	2.20 m	7 ft 3 in
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Wheelbase 3.50 m 11 ft 6 in Length at stabilisers 6.06 m 19 ft 11 in Length at fork-holder plate 7.70 m 25 ft 3 in Ground clearance 43 cm 1 ft 5 in Overall width, stabilisers extended 5.15 m 16 ft 11 in Wide rear overhang 2.87 m 9 ft 5 in Wide front overhang 4.67 m 15 ft 4 in Overall length 8.88 m 29 ft 2 in Overall front overhang 5.85 m 19 ft 2 in Obstruction angle 17° 17°	O Cab width	93 cm	3 ft
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① Length at fork-holder plate 7.70 m 25 ft 3 in ① Ground clearance 43 cm 1 ft 5 in ① Overall width, stabilisers extended 5.15 m 16 ft 11 in ① Side rear overhang 2.87 m 9 ft 5 in ① Side front overhang 4.67 m 15 ft 4 in ② Overall length 8.88 m 29 ft 2 in ② Overall front overhang 5.85 m 19 ft 2 in ③ Obstruction angle 17° 17°	() Wheelbase	3.50 m	11 ft 6 in
① Ground clearance 43 cm 1 ft 5 in ① Overall width, stabilisers extended 5.15 m 16 ft 11 in ① Side rear overhang 2.87 m 9 ft 5 in ① Side front overhang 4.67 m 15 ft 4 in ② Overall length 8.88 m 29 ft 2 in ② Overall front overhang 5.85 m 19 ft 2 in ③ Obstruction angle 17° 17°	1 Length at stabilisers	6.06 m	19 ft 11 in
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M Side rear overhang 2.87 m 9 ft 5 in M Side front overhang 4.67 m 15 ft 4 in Overall length 8.88 m 29 ft 2 in Overall front overhang 5.85 m 19 ft 2 in Obstruction angle 17° 17°	Ground clearance	43 cm	1 ft 5 in
① Side front overhang 4.67 m 15 ft 4 in ① Overall length 8.88 m 29 ft 2 in ② Overall front overhang 5.85 m 19 ft 2 in ① Obstruction angle 17° 17°	Overall width, stabilisers extended	5.15 m	16 ft 11 in
① Overall length 8.88 m 29 ft 2 in ② Overall front overhang 5.85 m 19 ft 2 in ③ Obstruction angle 17° 17°	M Side rear overhang	2.87 m	9 ft 5 in
Overall front overhang5.85 m19 ft 2 inObstruction angle17°17°	N Side front overhang	4.67 m	15 ft 4 in
① Obstruction angle 17° 17°	Overall length	8.88 m	29 ft 2 in
① Obstruction angle 17° 17°	Overall front overhang	5.85 m	19 ft 2 in
© Departure angle 17° 17°	① Obstruction angle	17°	17°
	1 Departure angle	17°	17°

PRODUCTIVITY		
Inside/outside turning radius	2.55 m/4.82 m	8 ft 4 in/15 ft 10 in
Break out force (with 500L shovel SAE J 732)	8,400 kg	18,518 lbs
Towing capacity at dynamometer*/**	11,500 kg/11,500 kg	25,353 lbs/25,353 lbs
Drive speed max.	30 km/h	18.6 mph
Fork-holder plate rotation	131°	131°
Chassis levelling on front axle	+/- 8°	+/- 8°
Floating forks	L 1200 mm	L 3 ft 11 in
	Section 150x50 mm	Section 6 in x 2 in
Tyres (DIN 70361)	445/65 R 22.5" AR-01	
Lifting/lowering speed**	25 sec./18 sec.	25 sec./18 sec.
Extension/retraction speed**	38 sec./21 sec.	38 sec./21 sec.

POWER				
Engine		Perkins 1106D-E66TA 6-cylin	Perkins 1106D-E66TA 6-cylinder T Diesel 156 hp (116.5 kW), Tier 3	
Tank capacities	Fuel	125 L	27.5 gal	
	Engine oil	18 L	4 gal	
	Hydraulic oil	200 L	44 gal	

76 dB (LpA)	76 dB (LpA)
105 dB (LwA)	105 dB (LwA)
	(1)

VIBRATION LEVEL		
Vibration level hand-arm system	<2.5 m/s ²	<8 ft 2 in/s ²
Vibration level whole body	0.23 m/s ²	9 in/s²

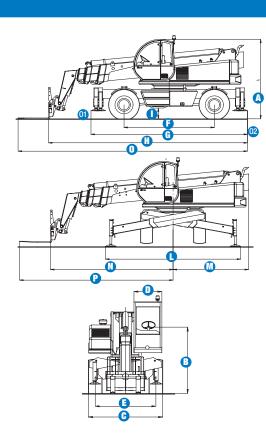
WEIGHT		
Weight***	19,250 kg	42,435 lbs

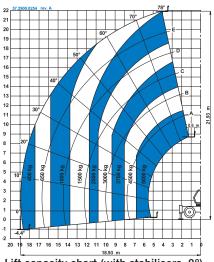
STANDARDS COMPLIANCE

*Max. load, **Without load

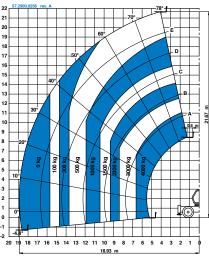
*** Weight will vary depending on options and/or country standards

EU Machinery Directive 2006/42/EC Operating cab conforms to ISO3471 (ROPS) and ISO3449 (FOPS) Low emission engine conforms to EU Directive 97/68/EC stage III 2000/14/EC EU Directive (noise)





Lift capacity chart (with stabilisers, 0°)



Lift capacity chart (without stabilisers, 0°)

EN 13000 Cranes

02/10. Part No. B108020UK





Features

STANDARD FEATURES

MEASUREMENTS

- 5,000 kg (11,022 lb) maximum lift capacity
- 21.93 m (71 ft 11 in) maximum lift height
- 18.93 m (62 ft 1 in) maximum forward reach

PRODUCTIVITY

- 4 x 4
- 4 wheel drive
- 3 steering modes:
 - front wheel steer
 - crab steer
 - coordinated steer
- · Hydraulic line on boom
- Electric line on boom including cable reel and cable bracket
- · Power assisted steering
- Front and rear stabilisers
- · Continuous rotation
- Hydrostatic transmission with variable displacement pump and motor
- Two-speed mechanical gearbox with electric two-mode switch
- Multifunction electro-proportional 5x1 joystick
- Limited slip differential on front axle
- Chassis leveling on front axle +/- 8°
- Floating forks
- Attachment holder plate with hydraulic coupling
- Two-section door (glass upper/steel lower)
- Electronic angle/length indicators (monitor)
- · Battery disconnection switch
- Adjustable suspended seat with operator detection seat switch
- Large diameter steering wheel
- Front & rear windscreen wipers
- Sunshield
- Roof protection grid
- Two side rear view mirrors
- Front & rear lights
- Side mounted engine for easy access to components
- Oil immersed, multi-disc brakes on both axles
- Lockable fuel tank
- Longitudinal stability control system :
- Visible display and load moment LEDs indicator
- Audible alarm
- Automatic lock-out of boom extension and lowering
- Automatic lock-out of stabilisers
- Automatic lock-out of rear axle
- Maintenance collar
- Man-platform/Jib/Winch pre-arrangement

POWER

• Perkins Turbo Diesel 156 hp (116.5 kW)

TYRES

• 445/65 R 22.5" AR-01-TL (DIN 70361)



OPTIONS & ACCESSORIES

PRODUCTIVITY

- · Air conditioning
- Second hydraulic line on boom
- Concrete mixing bucket pre-arrangement
- Centering holder boom pre-arrangement
- · Windshield protection grid
- Adjustable spotlight on boom
- Adjustable spotlight on cab
- Fish eye rear view mirror in the back
- Wiper on cab roof
- Water muffler
- Second joystick kit on left handside
- Radio remote control
- High proportional valve-block
- Optical-audible system for stabilisers
- Foam filled tyre 445/66 R22.5 AR-01-TL
- Biodegradable naturelle HF-E Shell oil
- 6-ton towing hitch

ATTACHMENT OPTIONS

- Spare wheel 445/66 R22.5
- Spare wheel foam filled 445/66 R22.5
- Loading shovel 500 L
- Concrete bucket 500/800 L manual/hydraulic discharge
- Concrete mixing bucket 500 L with remote control
- Brick-holder basket
- Hydraulic jack 20 ton and 30 mm wheel nut wrench
- FEM 3 plate and forks kit
- Fork side-shift (+/- 100 mm)
- Fixed hook on plate
- 4 m jib,900 kg capacity
- 4 m jib with 900 kg capacity hydraulic winch
- Hydraulic winch 3000/5000 kg
- Centering holder boom
- Fixed man-platform
- Rotating / Extendable man-platform

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