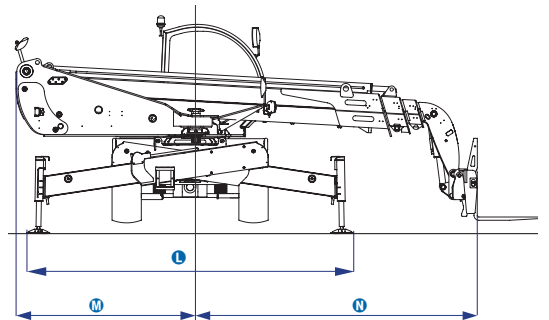
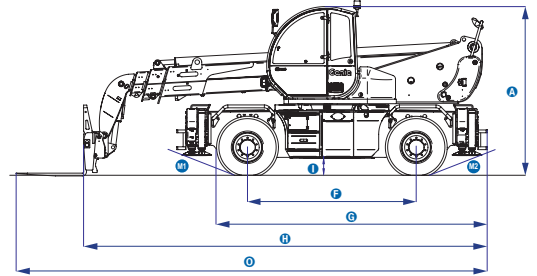


Specifications

Model	GTH™-5021 R	
Measurements	Metric	Imperial
Lifting height maximum with outriggers	20.87 m	68 ft 5 in
Lifting height maximum without outriggers	20.65 m	67 ft 9 in
Lifting capacity maximum	5,000 kg	11,023 lbs
Lift capacity at maximum height	2,500 kg	5,511 lbs
Lift capacity at maximum reach	750 kg	1,653 lbs
Forward reach maximum	18.20 m	59 ft 8 in
Reach at maximum height	3.90 m	12 ft 9 in
A Height	2.99 m	9 ft 9 in
B Height at steering wheel	2.22 m	7 ft 3 in
C Width	2.42 m	7 ft 11 in
D Cab width	93 cm	3 ft
E Track	1.95 m	6 ft 4 in
F Wheelbase	3.00 m	9 ft 10 in
G Length at front wheels	4.81 m	15 ft 9 in
H Length at fork-holder plate	7.17 m	23 ft 6 in
I Ground clearance	30.6 cm	1 ft
L Overall width, outriggers extended	5.01 m	16 ft 5 in
M Side rear overhang	2.67 m	8 ft 9 in
N Side front overhang	4.40 m	14 ft 5 in
O Overall length	8.37 m	27 ft 5 in
MA Obstruction angle		21°
MB Departure angle		21°

Measurements



Productivity

Inside/outside turning radius	1.97 m/4.12 m	6 ft 6 in/13 ft 6 in
Break-out force (with 800 L shovel SAE J 732/80)	7,700 kg	16,975 lbs
Towing capacity at dynamometer*	7,880 kg	17,372 lbs
Drive speed max.	32 km/h	20 mph
Fork-holder plate rotation		138°
Tyres (DIN 70361)	18R19.5 TL XF 10 holes wheel disc	
Lifting/lowering speed*	21 sec./16 sec.	
Extension/retraction speed*	40 sec./20 sec.	

Power

Engine	Perkins 854E-E34TA turbo diesel 111 hp (83 kW), stage IIIB Perkins 1104D-E44T turbo diesel 100 hp (75 kW), stage IIIA	
Transmission	Hydrostatic variable displacement pump linked to variable displacement motor. Both piston type.	
Service pumps	Boom & Control system gear pump type: 280 Bar, 95L/min. Service Brake gear pump type: 180 Bar, 30 L/min.	
Petrol tank capacities	205 L	54 gal
Engine oil capacities	8 L	2.1 gal
Hydraulic oil tank capacities	220 L	58 gal

Weight**	17,180 kg	37,875 lbs
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Standards Compliance

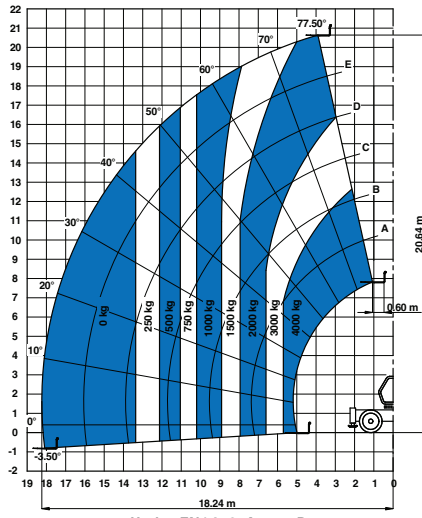
EU Machinery Directive 2006/42/EC
 Operating cab conforms to ISO3471 (ROPS) and ISO3449 (FOPS)
 Low emission engine conforms to EU Directive 97/68/EC Stage III and 2004/26/EC
 Noise emission conforms to EU Directive 2000/14/EC (LpA=83 dB, LwA=103dB)
 Vibration levels according to EN13059:2002 (hand-arm <2.5m/s², whole body 0.23m/s²)

* Without load

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

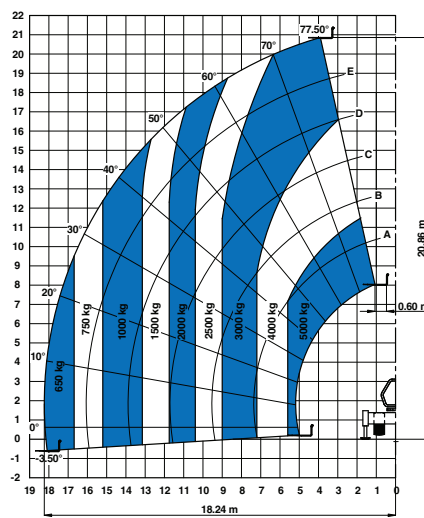
Load Charts

On wheels with forks

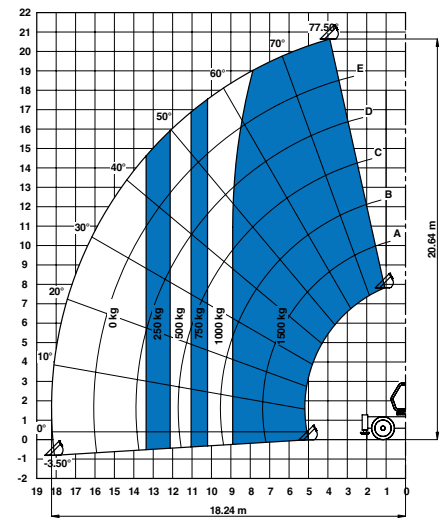


Under EN1459, Annex B

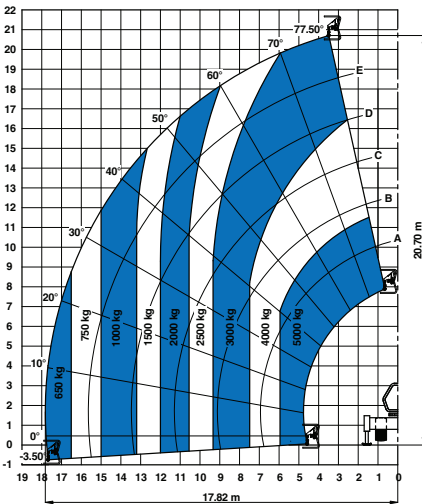
On outriggers with forks



On wheels with 800 L shovel

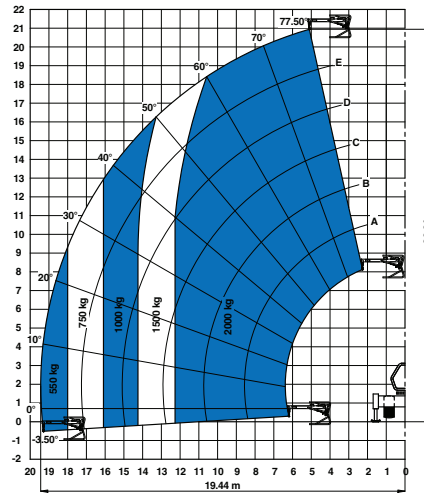


On outriggers with 5t fixed hook on plate

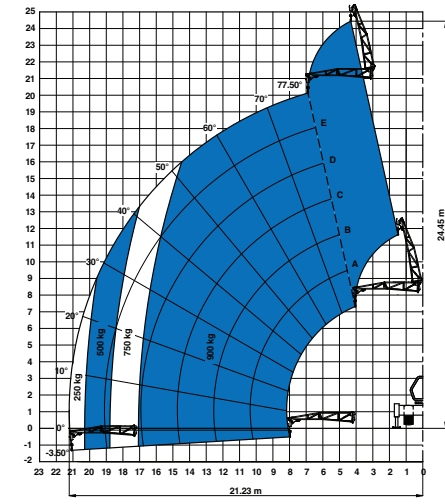


Under EN1459, Annex B

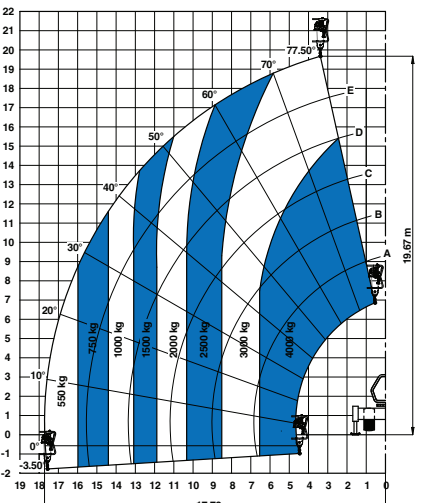
On outriggers with 2m jib (mechanical)



On outriggers with 4m jib (mechanical/hydraulic)

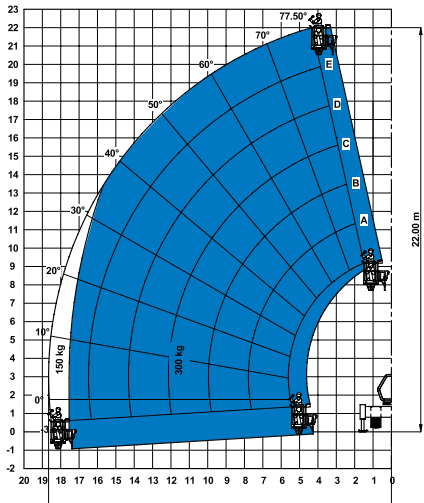


On outriggers with 4t hydraulic hoist

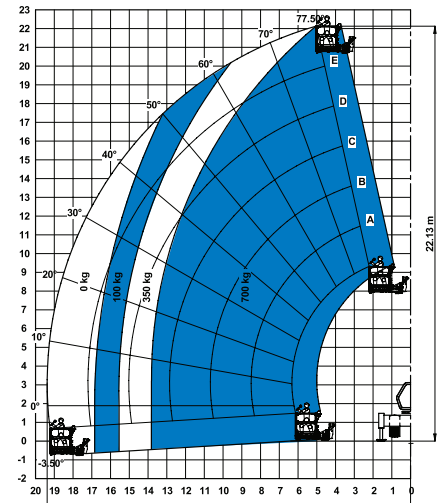


Under EN1459, Annex B

On outriggers with 2P-300F manplatform






On outriggers with 3P-700REM 4400 manplatform

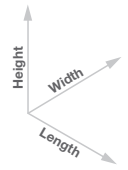


Attachment Options


Fork attachments

	Part Number	Description	Payload	Width	Length	Height	Weight
	55.0750.0033	Floating forks	4,000 kg	1375 mm	1625 mm	1125 mm	365 kg
	55.0750.0002	FEM 3 plate and forks kit	4,000 kg	1390 mm	1505 mm	1130 mm	380 kg
	59.0601.5003	Hydraulic FEM 3 forks side-shift +/- 100 mm	4,000 kg	1370 mm	1580 mm	1130 mm	520 kg

Dimension References





Bucket and shovel attachments

	Part Number	Description	Width	Length	Height	Weight	Hyd. flow max.
	59.0201.9004	800 L loading shovel	2435 mm	1070 mm	940 mm	450 kg	
	59.0400.0000	500 L concrete bucket manual discharge	1110 mm	1110 mm	1320 mm	230 kg	
	59.0401.2006	500 L concrete bucket hydraulic discharge	1110 mm	1110 mm	1320 mm	244 kg	60/220 L/min/bars
	59.0400.2000	800 L concrete bucket manual discharge	1110 mm	1110 mm	1520 mm	250 kg	
	59.0401.2007	800 L concrete bucket hydraulic discharge	1110 mm	1110 mm	1520 mm	264 kg	60/220 L/min/bars
	59.0401.2008	500 L concrete mixing bucket full hydraulic	1000 mm	1650 mm	900 mm	550/1850 kg	
	59.0400.7000	Brick holder basket	800 mm	1110 mm	1150 mm	120 kg	

Handling and lifting attachments

	Part Number	Description	Payload	Width	Length	Height*	Weight
	59.0700.9002	5T fixed hook on plate	4,000 kg	1335 mm	830 mm	1071/1115 mm	160 kg
	59.0802.3007	2m/2000 Kg mechanical jib	2,000 kg	1335 mm	2290 mm	800/1080 mm	255 kg
	59.0802.3008	4m/900 Kg mechanical jib	900 kg	1190 mm	4450 mm	980/1220 mm	270 kg
	59.0802.3012	4m/900 kg hydraulic jib	900 kg	1190 mm	4450 mm	1610/1220 mm	345 kg
	59.0901.9004	4T hydraulic hoist	4,000 kg	1335 mm	830 mm	1840/1260 mm	375 kg

Work platform attachments

	Part Number	Description	Payload	Width**	Length	Height	Weight
	59.1111.6012	Rotating and extendable +/-90° 3 persons max.	700 kg	2520 mm up to 4,610 mm	2110 mm	1850 mm	920 kg
	59.1111.6011	Fixed non extendable 2 persons max.	300 kg	2300 mm	1490 mm	1710 mm	400 kg

* Legs folded up/down
** Stowed/extended

Features

Standard Features

Measurements

- 5,000 kg (11,023 lb) maximum lift capacity
- 20.87 m (68 ft 5 in) maximum lift height
- 18.20 m (59 ft 8 in) maximum forward reach

Productivity

- 4 x 4
- 4 - wheel steer
- 3 steering modes:
 - front wheel steer
 - crab steer
 - coordinated steer
- Hydraulic line on boom
- Electrical line on boom
- Power assisted steering
- Front and rear outriggers
- 400 rotation (200 left, 200 right)
- Hydrostatic transmission with variable displacement pump and motor linked with a 2-speed mechanical gearbox
- Multifunction electro-proportional 5x1 joystick
- Limited slip differential on front axle
- Attachment holder plate - mechanical coupling
- Two-section door (glass upper/steel lower)
- Angle and length indicators on boom correspond to load charts
- Adjustable suspended seat with operator detection seat contact switch
- Battery disconnection switch
- Large diameter steering wheel

Standard Features

- Front & rear windscreen wipers
- Sunshield
- Roof protection grid
- Two side view mirrors & rear fish eye mirror
- Front & rear road lights
- Side mounted engine for easy access to components
- Oil immersed, multi-disc brakes on both axles
- Lockable fuel tank
- Lockable storage box
- Maintenance collar
- Rear wheel alignment system
- Road/jobsite switch
- Stability and load control system:
 - Load moment indicator with LEDs
 - Payload value numeric indicator
 - Audible alarm
 - Automatic lock-out of boom extension and lowering
 - Automatic lock-out of outriggers
 - Automatic lock-out of rear axle

Power

- Perkins turbo charged, air cooler diesel engine 111 hp (83 kW), stagellIB
- Perkins turbo charged diesel engine 100 hp (75kW), stagellIA

Tyres

- 18R19.5 TL XF 10 holes wheel disc

Options & Accessories

Productivity

- 360° Continuous rotation
- Chassis leveling
- Air conditioning
- Additional hydraulic line on boom
- Hydraulic quick coupling for attachments
- GM-1 Articulation for Manitou attachments
- Adjustable spotlight on boom
- Adjustable spotlight on cab
- Windshield protection grid
- Wiper on cab roof
- 6 t towing hook
- Outriggers extension plates
- Biodegradable hydraulic oil
- 10 t hydraulic jack + 24 mm box wrench
- External load moment visual indicator + buzzer
- Left-hand joystick
- Radio remote control
- Concrete mixing bucket pre-arrangement
- Work platform attachment pre-arrangement
- Comfortable seat
- Radio MP3
- Keypad unlocking device
- Track and trace
- 12 V charger

Tyres and Wheels

- Spare wheel 18R19.5 TL XF
- Foam filled tyre 18R19.5
- Foam filled spare wheel 18R19.5

Attachments

- Floating forks L 1200 mm, section 150x50 mm
- FEM 3 plate and forks kit
- FEM 3 forks with hydraulic side-shift (+/-100 mm)
- 800 L loading shovel
- 500/800 L concrete bucket (manual or hydraulic discharge)
- 500 L concrete mixing bucket (full hydraulic)
- Brick-holder basket
- Fixed hook on plate
- 2 m mechanical extension jib, 2,000 kg capacity
- 4 m mechanical or hydraulic extension jib, 900 kg capacity
- 4 t hydraulic hoist
- Fixed work platform
- Rotating and extendable work platform



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