



GPC 3000 SERIES

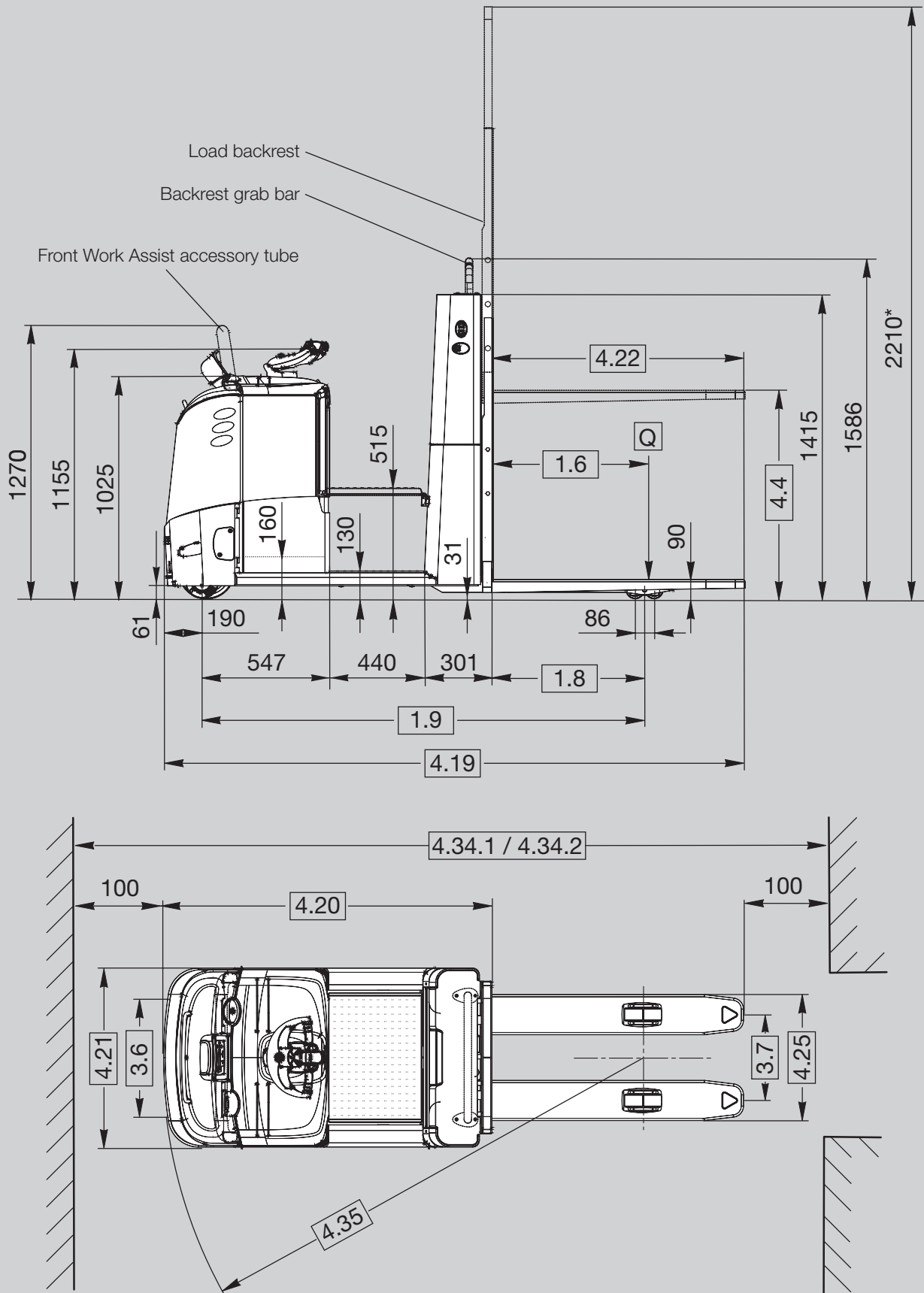
Fork lift and scissor lift

Specifications

Low-level order picker

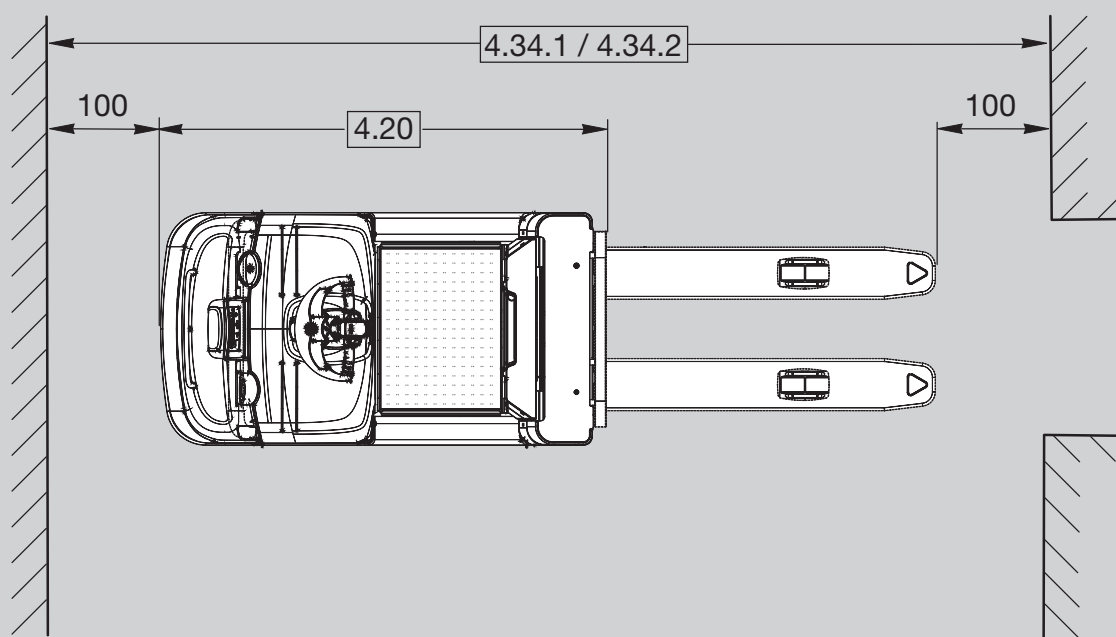
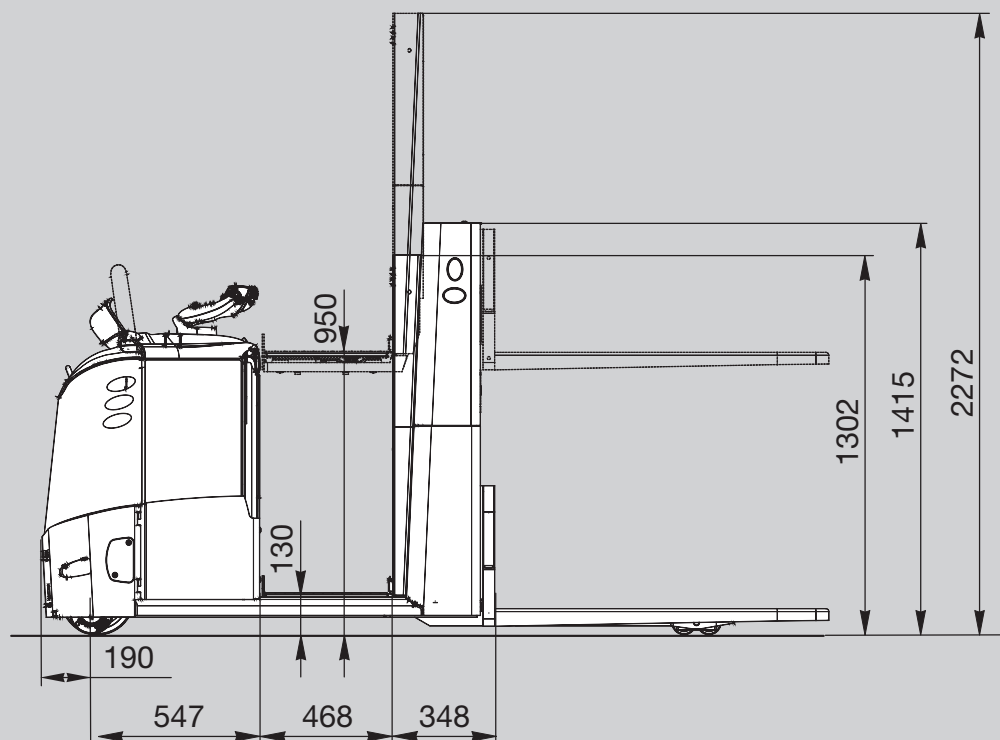


GPC 3045

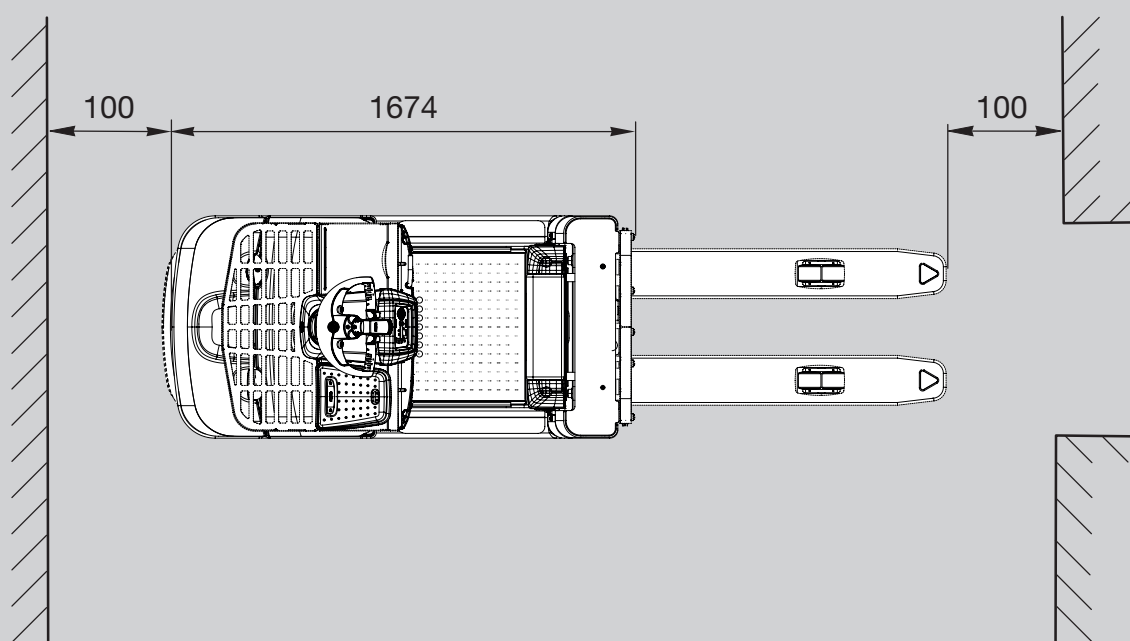
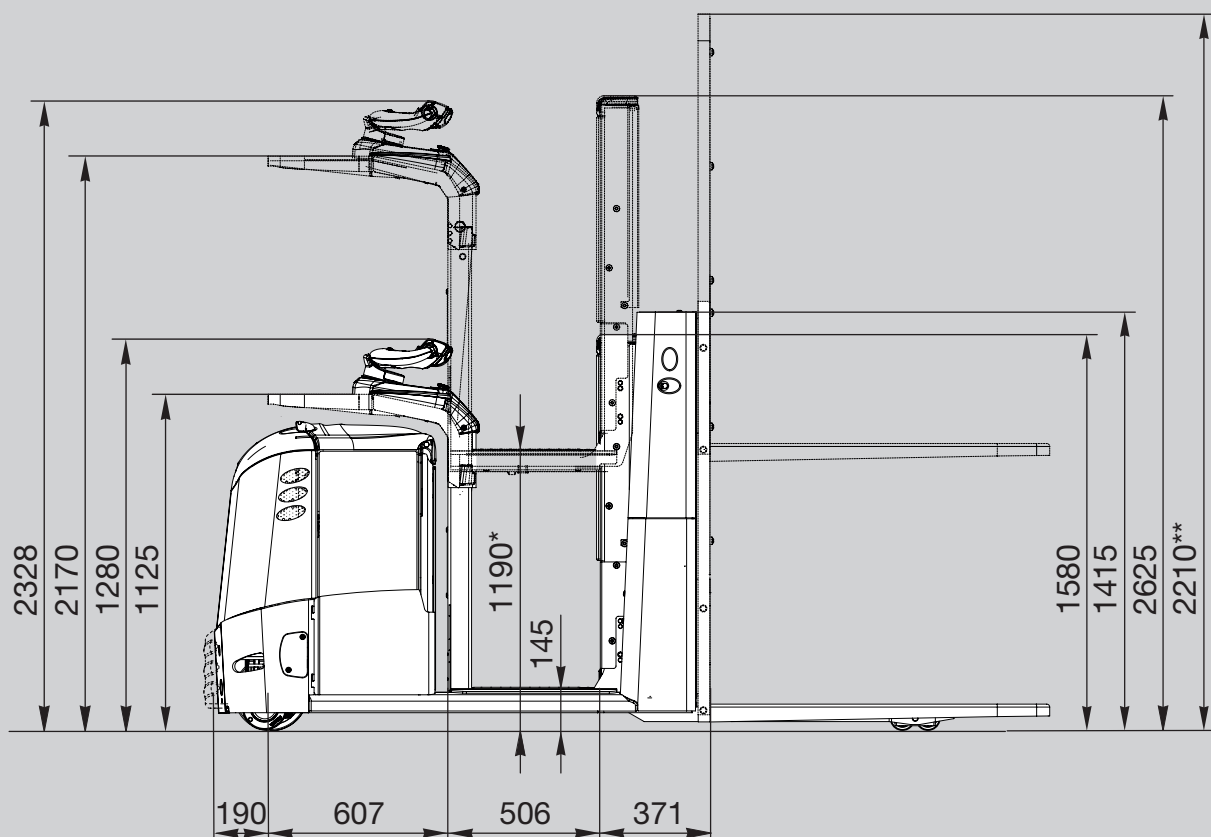


* With optional load backrest (1,250 mm, 1,450 mm, 1,800 mm) each + 960 mm

GPC 3045 with optional platform lift



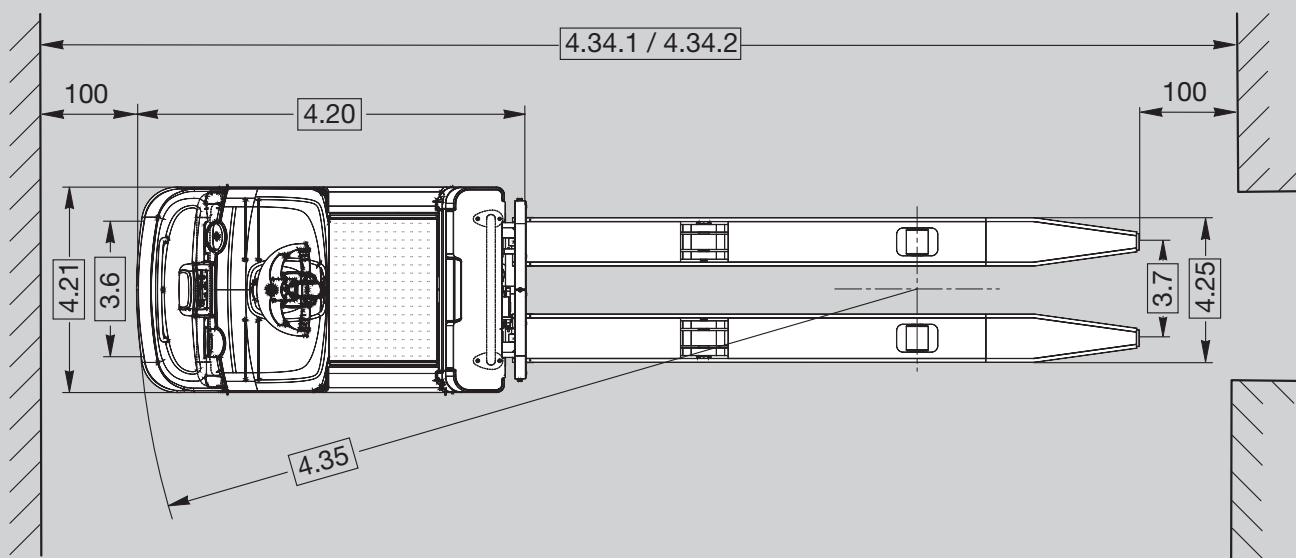
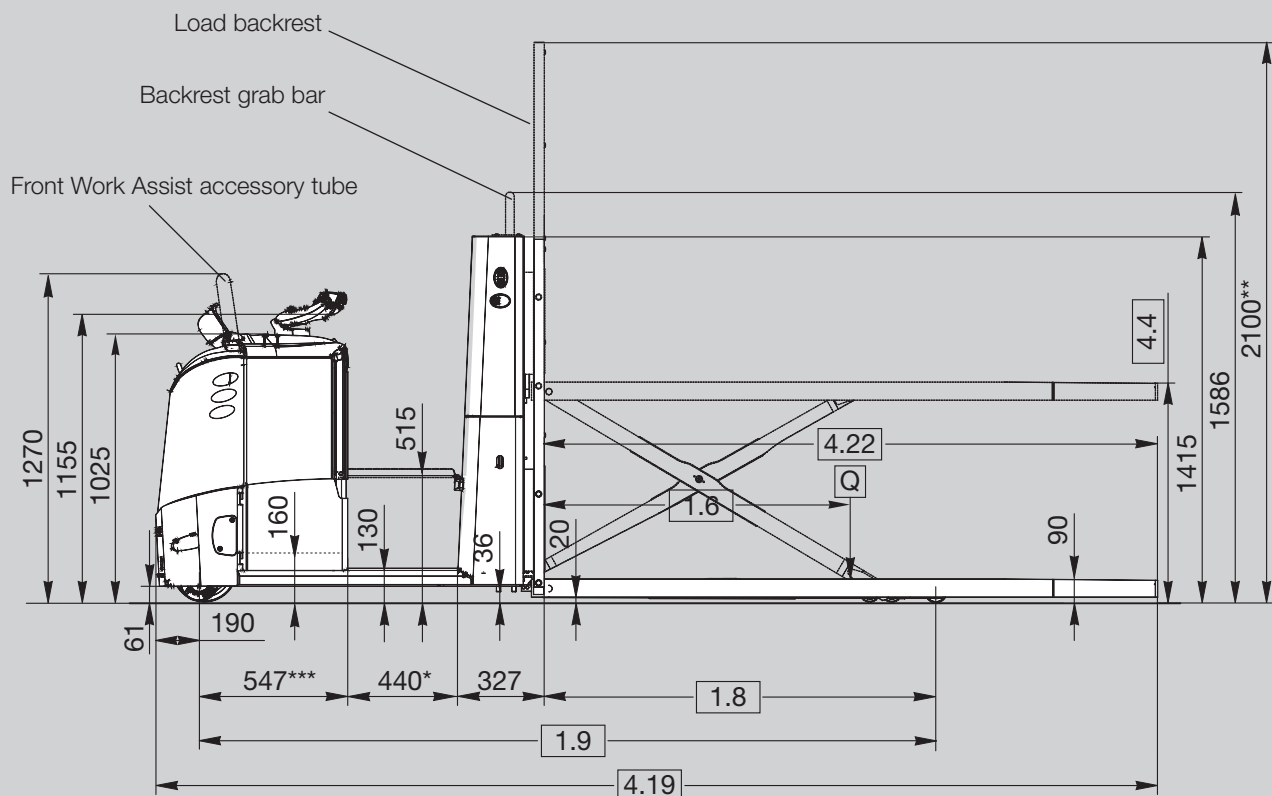
GPC 3045 with platform lift and travel



* Available platform lift heights 950 mm and 1,190 mm

** With optional load backrest (1,250 mm, 1,450 mm, 1,800 mm) each + 960 mm

GPC 3055

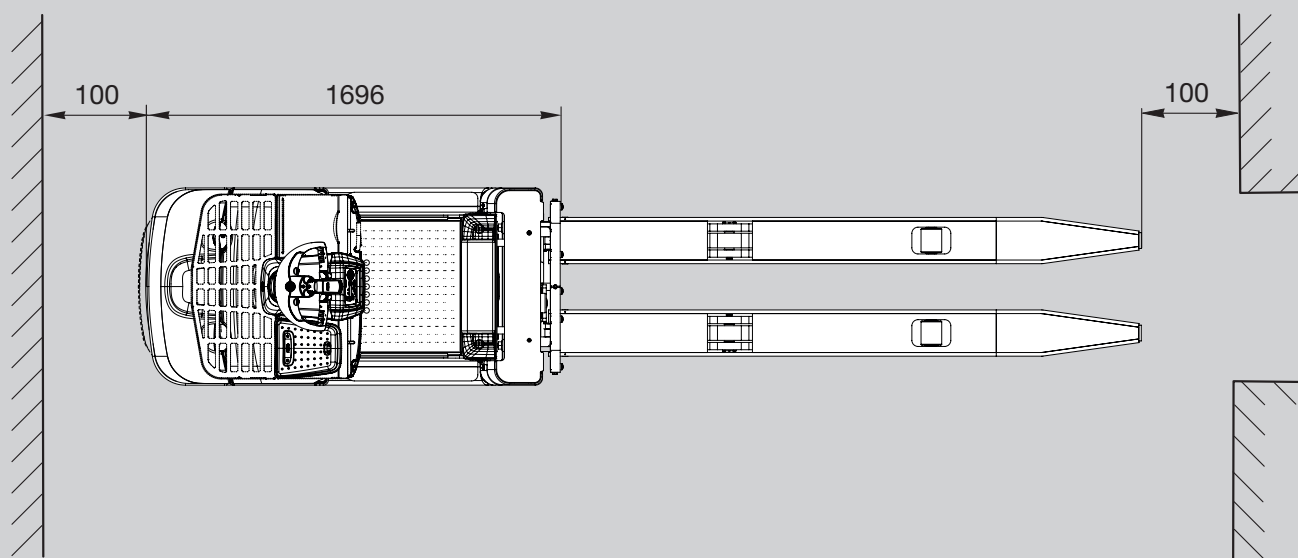
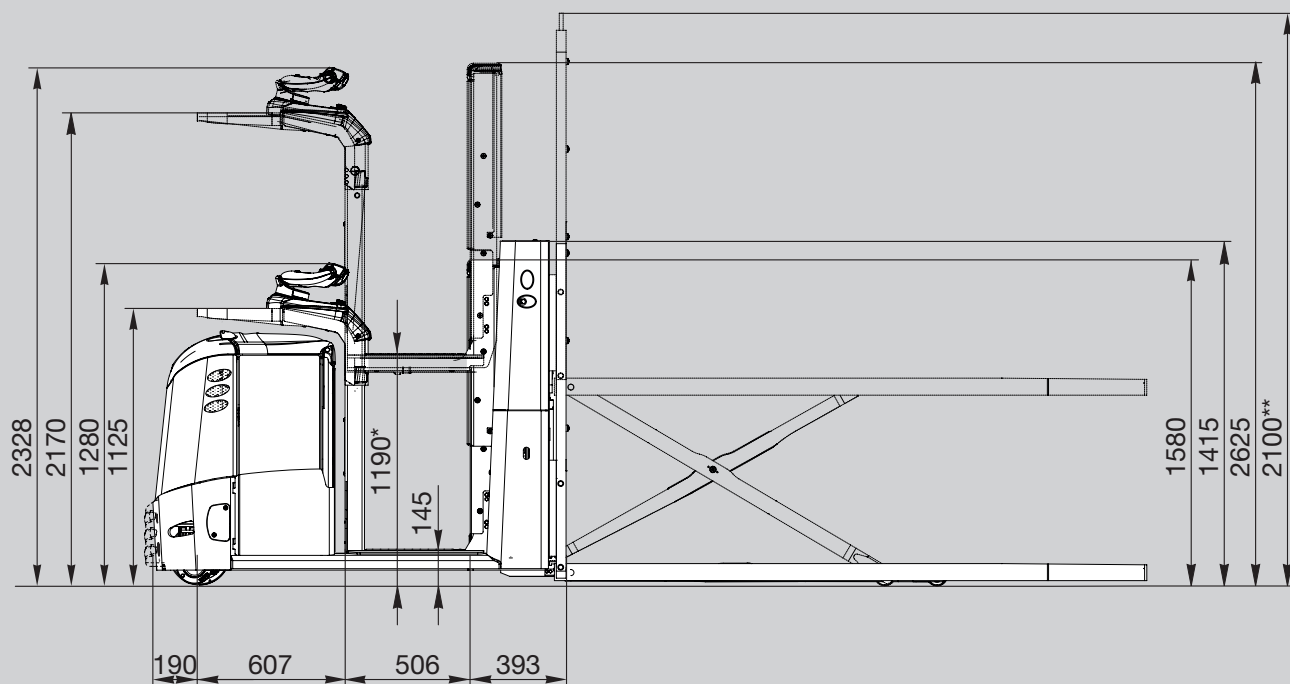


* Extended operator compartment = 515 mm (not available with platform lift)

** With optional load backrest (1,250 mm, 1,450 mm, 1,800 mm) each + 960 mm

*** With optional smaller battery compartment - 120 mm

GPC 3055 with platform lift and travel



* Available platform lift heights 950 mm and 1,190 mm

** With optional load backrest (1,250 mm, 1,450 mm, 1,800 mm) each + 960 mm

Distinguishing mark	1.1	Manufacturer				Crown Equipment Corporation	
	1.2	Model				GPC 3045-1.2	GPC 3055-2.0
	1.3	Power source				electric	
	1.4	Operator type				order picker	
	1.5	Rated capacity		Q	t	1.2***	2.0
	1.6	Load centre		c	mm	600	750
	1.8	Load distance	lowered	x	mm	693	993
	1.9	Wheelbase	lowered	y	mm	1,980**	2,280**
Weight	2.1	Service weight	less battery		kg	930	955
	2.2	Axle load	with load, front/rear		kg	1,070/1,640	1,450/2,305
	2.3		without load, front/rear		kg	1,025/490	1,220/535
Tyres/wheels/chassis	3.1	Tyres				Vulkollan	
	3.2	Tyre size	front		mm	Ø 250 x 75	
	3.3		rear		mm	Ø 82 x 82	
	3.4	Additional wheels	castor wheel		mm	Ø 150 x 60	
	3.5	Wheels	number front/rear (x = driven wheels)			1x +1/4	
	3.6	Track width	front	b10	mm	492	
	3.7		rear	b11	mm	340/390	380
Dimensions	4.4	Lift height		h3	mm	960	850
	4.8	Seat height relating to SIP/stand height		h7	mm	130	
	4.9	Height control handle in driving position		h14	mm	1,160	
	4.15	Fork height	lowered	h13	mm	90	
	4.19	Overall length		l1	mm	2,628**	2,928**
	4.20	Head length		l2	mm	1,478**	1,478**
	4.21	Overall width		b1	mm	810	
	4.22	Fork dimensions	DIN ISO 2331	s x e x l	mm	78 x 180 x 1,150	78 x 180 x 1,450
	4.25	Fork spread		b5	mm	520/570	570
	4.31	Ground clearance	with load, below mast	m1	mm	31	36
	4.32		centre wheelbase	m2	mm	61	
	4.34.1	Aisle width		Ast	mm	2,977**	3,277**
	4.34.2						4,192*
	4.35	Turning radius	lowered	Wa	mm	2,170**	2,470**
Performance data	5.1	Travel speed****	w./w.o. load		km/h	9.5/12.5	8.5/12.5
	5.2	Lift speed	w./w.o. load		m/s	0.10/0.16	0.08/0.11
	5.3	Lowering speed	w./w.o. load		m/s	0.12/0.12	0.10/0.13
	5.7	Gradability	w./w.o. load 30 min. rating		%	5/9	8/11
	5.8	Max. gradability	w./w.o. load 5 min. rating		%	9/15	8/15
	5.10	Service brake				electric	
Electric motor	6.1	Traction motor	rating at S2 60 min.		kW	4.0	
	6.2	Pump motor	rating at S3 15%		kW	2.2	
	6.3	Max. battery box size	DIN 43535	l x b x h	mm	330 x 790 x 784	210 x 790 x 784 (330 x 790 x 784)
	6.4	Battery voltage	nominal capacity K5		V/Ah	24/560-620	24/420-465 (560-620)
	6.5	Battery weight			kg	465-534	349-402 (465-534)
	8.1	Drive unit	drive			transistor	

* Forks raised - 220 mm

** With optional platform lift + 75 mm

*** At 1450 mm fork length the capacity = 1.0 t

**** Power unit first

Capacity

GPC 3045 — 1,200 kg
GPC 3055 — 2,000 kg

Electric system/batteries

24-volt electrical system with nominal battery capacities up to 620 Ah. The battery can be removed vertically or horizontally with optional battery rollers on left/right or both sides.

Standard equipment

1. Crown maintenance-free 3-phase (AC) traction motor. Maintenance-free 3-phase (AC) steer motor.
2. e-GEN braking system offers regenerative and frictionless electric braking (mechanical braking applies only as parking brake)
3. Electronic power steering with the centre-mounted X10 handle for precise and effortless control
4. The self-centring X10 handle places all truck functions at the operator's fingertips
5. Crown Access 1 2 3 comprehensive system control
6. Intelligent steering system slows the travel speed in curves
7. Load-dependent speed
8. Crown's information display
 - 1-line LCD screen with 8 characters
 - Battery discharge indicator
 - Keyless start-up with PIN code
 - Start up and runtime diagnostics
 - 3 selectable traction performance profiles
 - Hour meters including traction motor, hydraulic motor and runtime
 - Access 1 2 3 on-board diagnostics with real-time troubleshooting capabilities
9. CAN bus technology
10. Ramp hold
11. Low step height of 130 mm with a wide walk-through area
12. Suspended floorboard with a non-slip anti-fatigue floor mat with integrated presence sensors
13. Electric power disconnect plug
14. Multiple storage compartments
 - Large front storage tray
 - Large storage compartment in the backrest
 - 3 storage pockets in battery area
15. Two cords on each side of desktop surface to fix paper documents
16. Vulkollan drive tyre, castor wheel and tandem load wheels
17. Lean pad with cushioned soft knee pad
18. Battery connector DIN 160 A
19. Heavy-duty fork assembly
20. Heavy-duty power unit
 - 10 mm thick steel skirt
 - Easily removable reinforced steel covers
 - Top battery access
21. Battery compartment for 560–620 Ah batteries

Optional equipment

1. Folding step (not available with lifting platform)
2. Backrest grab bar (standard if folding step is ordered, not available with lifting platform)
3. Lifting platform with an operator stand height of 950 mm (3045)
4. Extended platform with 515 mm walk-through (3055, not available with platform lift)
5. Picking guard (only with platform lift on 3045, requires front Work Assist accessory tube)
6. Single load wheels
Ø 85 x 105 mm (3055)
7. Supertrac drive tyre
Ø 250 x 75 mm
8. QuickPick Position Control in the backrest
9. Fork lift/lower switches in backrest
10. Battery rollout for left/right or both sides
11. SBE 160 red battery connector
12. Battery compartment for 420–465 Ah (3055)
13. 12/24 V power supply for electronic tools
14. Key switch
15. Cold storage conditioning
16. Load backrest 1,250 mm, 1,400 mm (3055), 1,450 mm (3045), 1,800 mm
17. Audible travel alarm
18. Warning light
19. Strobe light
20. Special paint
21. Rubber bumper
22. Additional 8 mm heavy-duty steel bump protection (requires Work Assist accessory tube with cable management)
23. Front Work Assist accessory tube with or without cable management
24. Work Assist accessories
 - Load tray
 - Foil roll holders
 - Storage pockets
 - Cup holder
 - Rubbish bag holder
 - Scan-gun holder
 - Small, medium and large clip pads
 - Mounting brackets for WMS terminals
25. Keypad
26. InfoLink Ready
27. Fork weld marks for pallet positioning
28. Lithium-ion battery ready
29. Central storage tray
30. Universal magnetic storage tray
31. Soft writing mat
32. QuickPick Remote ready
33. USB receptacle
34. Platform lift and travel options
 - Workspace
 - Lowering pedal
 - Work Assist tool

Electrical

24-volt electrical system managed by Crown's Access 1 2 3 comprehensive system control. Virtually maintenance-free AC traction motor provides strong acceleration and control at any speed. Sensors monitor functional parameters including load, steering, speed and operator position and adjust operational settings automatically to suit conditions.

Power unit

The rugged power unit is designed for tough real-world applications. A 10 mm thick skirt protects drive unit and castor components while reinforced steel covers and doors cover all electronics. The uncluttered layout of components provides quick and easy access for servicing.

Operator area and controls

The comfortable suspension features a fully suspended floorboard with a soft mat that reduces operator fatigue. Wide walk-through compartment with rounded surfaces provides a convenient shortcut even while carrying boxes. Lean pad provides a soft contact surface to lean against. All truck functions are controlled by the award-winning X10 handle that allows simultaneous operation of all functions with one hand. Electronic power steering is standard on all models, providing precise, predictable control. A large information display shows the operator the battery discharge indicator level, operational status and service messages.

Access 1 2 3 comprehensive system control

Crown's Access 1 2 3 technology provides optimum performance and control by offering a communications interface for the operator and service personnel, intelligent coordination of lift truck systems and simplified service with advanced diagnostics.

The display includes a full-featured on-board service tool, so service personnel can actively view inputs and outputs during truck operation. No laptop or service terminal is required.

Performance tuning can be accessed at the display to customise truck performance for specific applications or operator requirements.

e-GEN braking system

The power of the high-torque AC traction motor is used to stop the truck and keep it static until a travel input is requested, even when operating on a gradient. This system eliminates adjustments and wear points for a lifetime of maintenance-free use. An automatic parking brake activates if the truck is stopped and the operator leaves the platform or power is disconnected.

Work Assist accessories

A comprehensive range of Work Assist accessories is available to support every kind of picking and administrative task. These rugged tools can be easily combined and positioned in the location best suited to the application and the user. Customer accessories can also be added using the universal clamp and adapter plate. Two front Work Assist accessory tubes are available for mounting the accessories, one with and one without cable management.

Safety regulations

Conforms to European safety standards. Dimensions and performance data given may vary due to manufacturing tolerances. Performance is based on an average-sized vehicle and is affected by weight, condition of truck, how it is equipped and the conditions of the operating area. Crown products and specifications are subject to change without notice.