

**CROWN**

# GPC 3000 SERIES

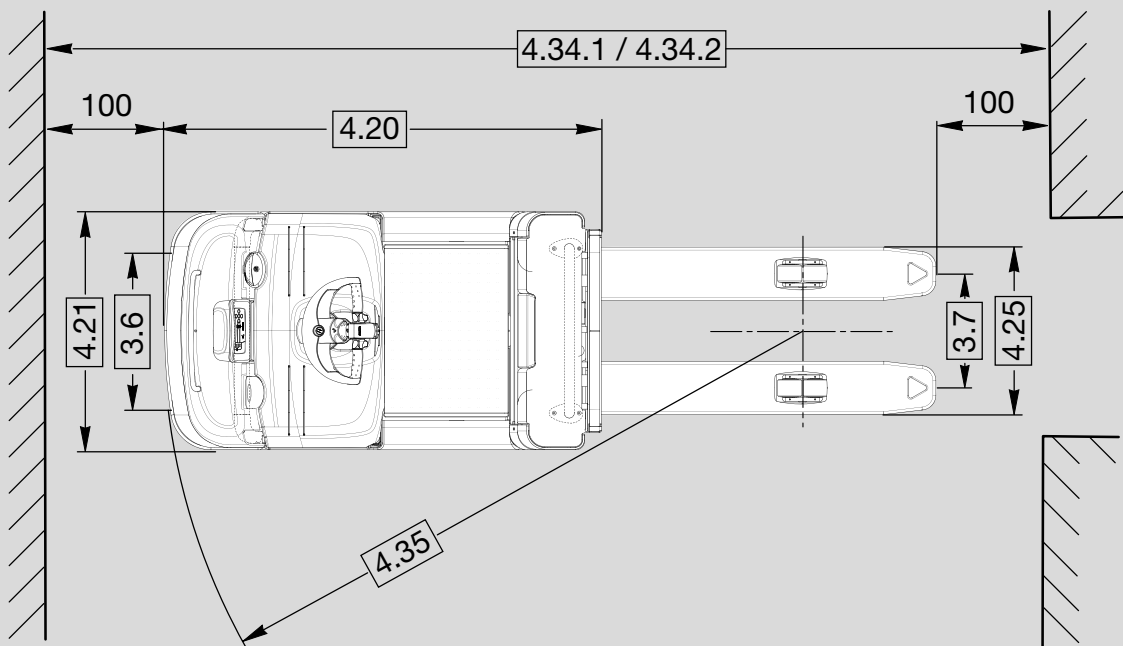
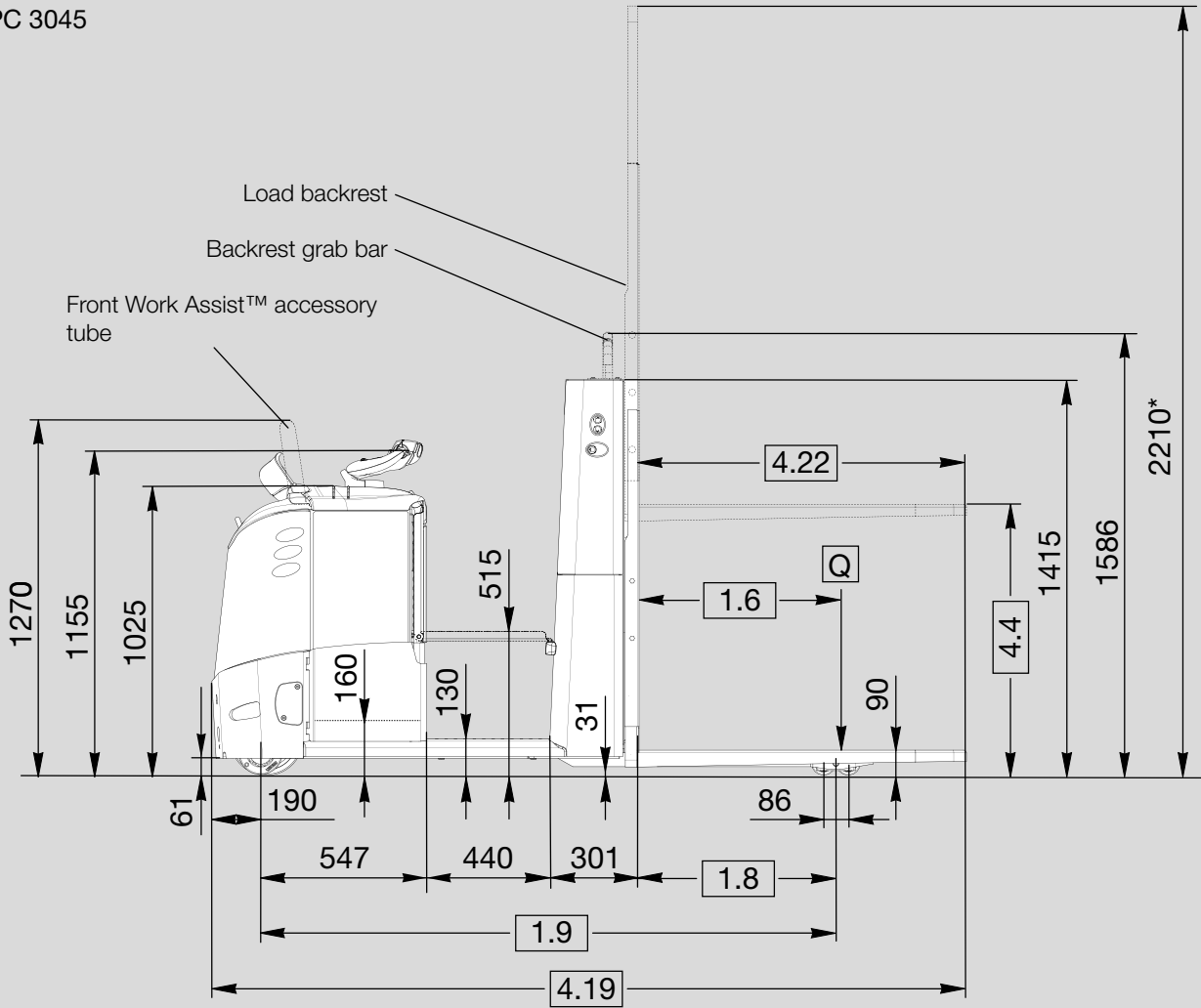
**Fork Lift and Scissor Lift**

## **Specifications**

Low Level Order Picker

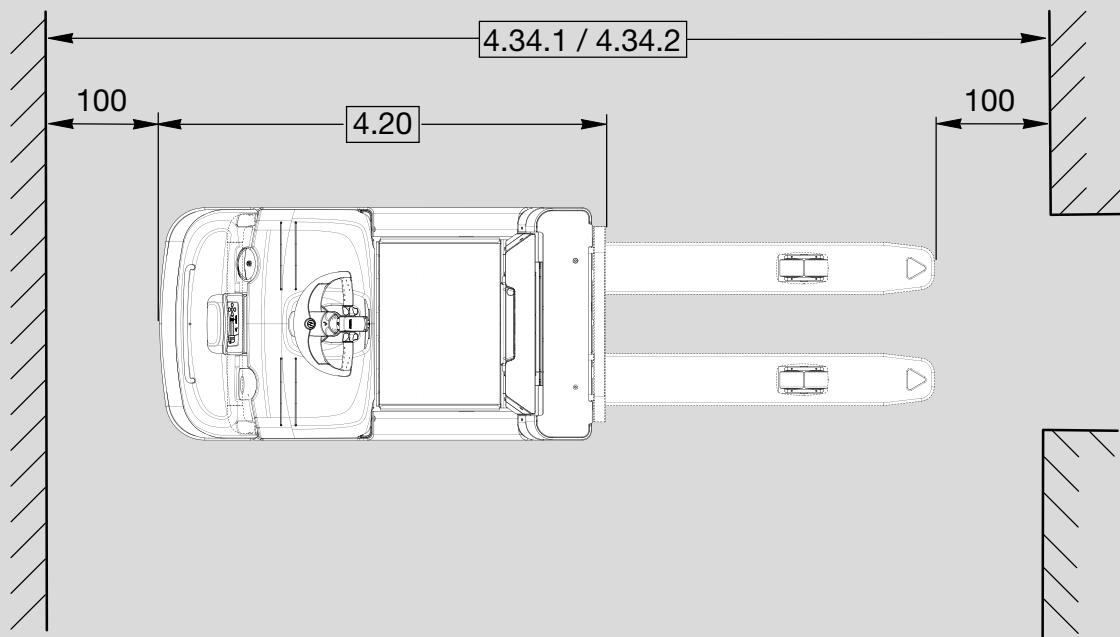
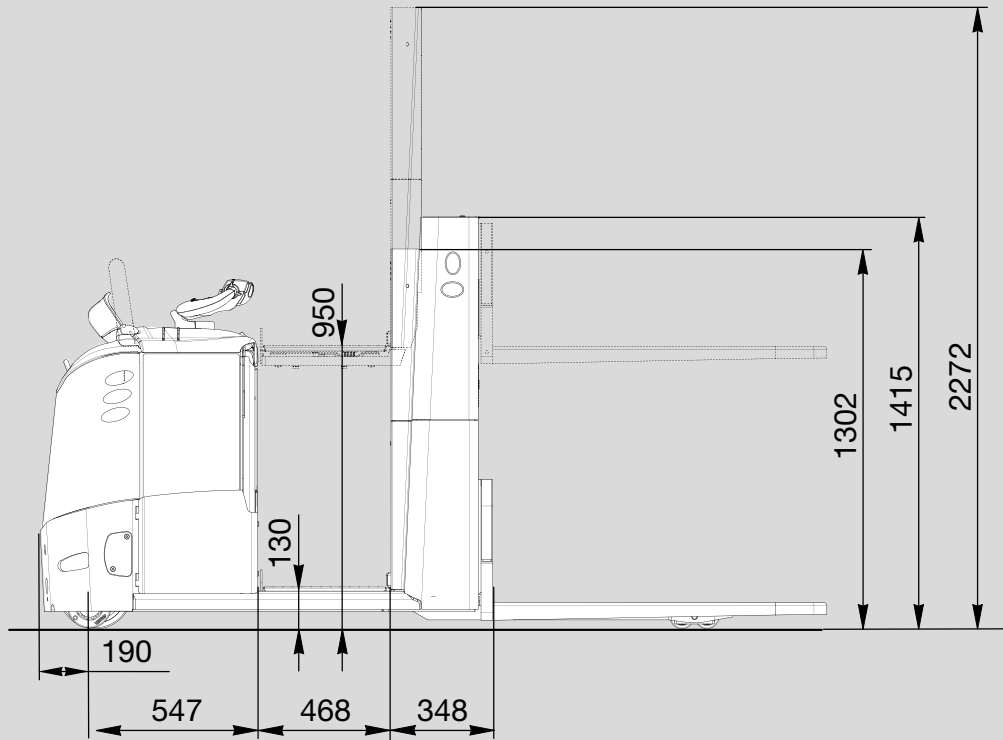


GPC 3045

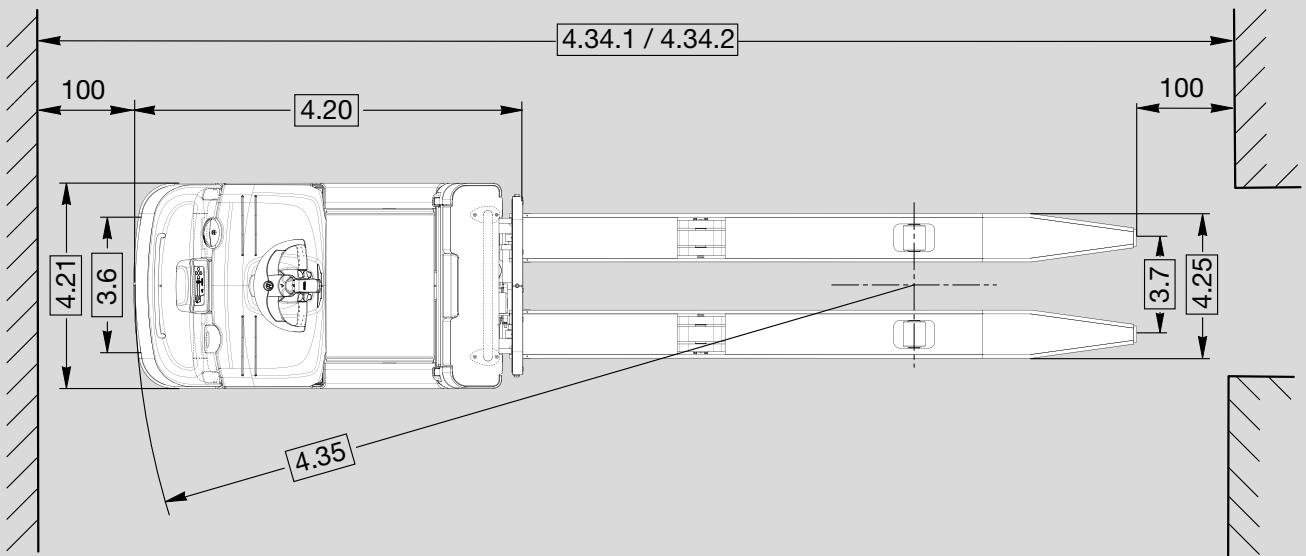
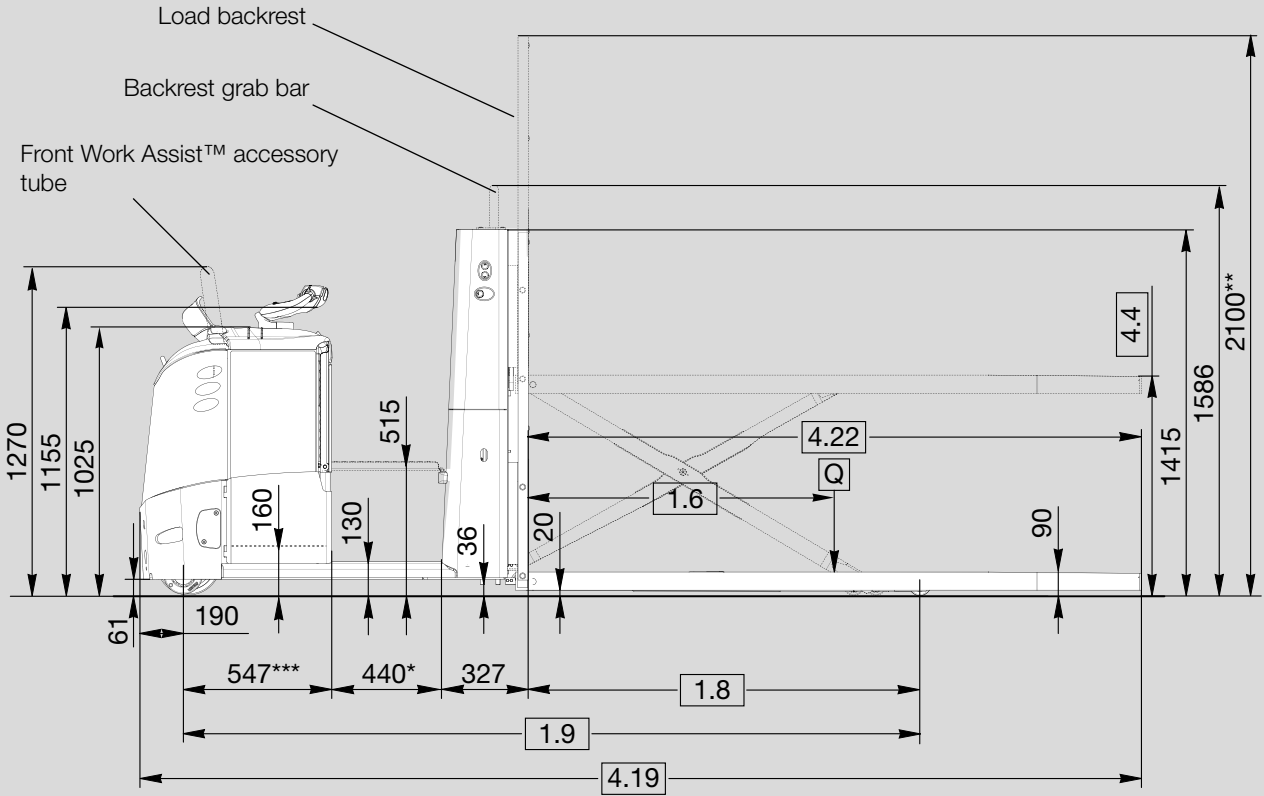


\* With optional load backrest (1250 mm, 1450 mm, 1800 mm) each + 960 mm

GPC 3045 with optional platform lift



GPC 3055



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

\*\* With optional load backrest (1250 mm, 1450 mm, 1800 mm) each + 960 mm

\*\*\* With optional smaller battery compartment - 120 mm



Distinguishing Mark	1.1	<b>Manufacturer</b>			Crown Equipment Corporation			
	1.2	<b>Model</b>			GPC 3045-1.2		GPC 3055-2.0	
	1.3	<b>Power Source</b>			electric			
	1.4	<b>Operator Type</b>			order picker			
	1.5	<b>Rated Capacity</b>		Q	t	1,2***		2,0
	1.6	<b>Load Centre</b>		c	mm	600	750	1200
	1.8	<b>Load Distance</b>	lowered	x	mm	693	993	1525*
	1.9	<b>Wheelbase</b>	lowered	y	mm	1980**	2280**	2840*
Weight	2.1	<b>Service Weight</b>	less battery		kg	930	955	1250
	2.2	<b>Axle Load</b>	with load, front /rear		kg	1070 / 1640		1450 / 2305
	2.3		without load, front / rear		kg	1025 / 490		1220 / 535
Tyres/Wheels/Chassis	3.1	<b>Tyres</b>			Vulkollan			
	3.2	<b>Tyre Size</b>	front		mm	Ø 250 x 75		
	3.3		rear		mm	Ø 82 x 82		
	3.4	<b>Additional Wheels</b>	castor wheel		mm	Ø 150 x 60		
	3.5	<b>Wheels</b>	number front/rear (x=driven wheels)			1x +1 / 4		
	3.6	<b>Tread</b>	front	b10	mm	492		
	3.7		rear	b11	mm	340 / 390	380	
Dimensions	4.4	<b>Lift Height</b>		h3	mm	960		850
	4.8	<b>Seat Height relating to SIP/Stand Height</b>		h7	mm	130		
	4.9	<b>Height Control Handle in Driving Position</b>		h14	mm	1160		
	4.15	<b>Fork Height</b>	lowered	h13	mm	90		
	4.19	<b>Overall Length</b>		l1	mm	2628**	2928**	3904
	4.20	<b>Head Length</b>		l2	mm	1478**	1478**	1504
	4.21	<b>Overall Width</b>		b1	mm	810		
	4.22	<b>Fork Dimensions</b>	DIN ISO 2331	s x e x l	mm	78 x 180 x 1150	78 x 180 x 1450	78 x 190 x 2400
	4.25	<b>Fork Spread</b>		b5	mm	520 / 570		570
	4.31	<b>Ground Clearance</b>	with load, below mast	m1	mm	31		36
	4.32		centre wheelbase	m2	mm	61		
	4.34.1	<b>Aisle Width</b>		Ast	mm	2977**	3277**	4192*
	4.34.2							
	4.35	<b>Turning Radius</b>	lowered	Wa	mm	2170**	2470**	3030*
Performance Data	5.1	<b>Travel Speed****</b>	w. / w.o. load		km/h	9,5 / 12,5		8,5 / 12,5
	5.2	<b>Lift Speed</b>	w. / w.o. load		m/s	0,10 / 0,16		0,08 / 0,11
	5.3	<b>Lowering Speed</b>	w. / w.o. load		m/s	0,12 / 0,12		0,10 / 0,13
	5.7	<b>Gradeability</b>	w. / w.o. load 30 min. rating		%	5 / 9		8 / 11
	5.8	<b>Max. Gradeability</b>	w. / w.o. load 5 min. rating		%	9 / 15		8 / 15
	5.10	<b>Service Brake</b>				electric		
Electric Motor	6.1	<b>Traction Motor</b>	rating at S2 60 Min.		kW	4,0		
	6.2	<b>Pump Motor</b>	rating at S3 15 %		kW	2,2		
	6.3	<b>Max. Battery Box Size</b>	DIN 43535	lxbxh	mm	330 x 790 x 784		210 x 790 x 784 (330 x 790 x 784)
	6.4	<b>Battery Voltage</b>	nominal capacity K5		V/Ah	24 / 560 - 620		24 / 420 - 465 (560 - 620)
	6.5	<b>Battery Weight</b>			kg	465 - 534		349 - 402 (465 - 534)
8.1	<b>Drive Unit</b>	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 - 1200 kg  
 GPC 3055 - 2000 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) steering motor.
2. e-GEN® Braking System offers regenerative and frictionless electric braking (mechanical braking applies only as parking brake)
3. Electronic steering with the centre-mounted X10 Handle for precise and effortless control
4. The self centering 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 display with 8 characters
  - Battery discharge indicator
  - Keyless start up with PIN code
  - Start up and run time diagnostics
  - 3 selectable traction performance profiles
  - Hour meters including traction motor, hydraulic motor and run time
  - Access 1 2 3® on-board diagnostic 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 kneepad
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. Pick Position Control™ in the backrest
9. Fork lift/lower switches in backrest
10. Battery roll out for left/right or both sides
11. SBE 160 red battery connector
12. Battery compartment for 420 - 465 Ah (3055)
13. Power supply 12/24V for electronic tools
14. Key switch
15. Cold storage conditioning
16. Load backrest 1250 mm, 1400 mm (3055), 1450 mm (3045), 1800 mm
17. Audible travel alarm
18. Warning light
19. Flashing beacon
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
  - Beverage holder
  - Trash bag holder
  - Scan gun holder
  - Small, medium and large clip boards
  - 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 charging port

**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 caster 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 steering is standard on all models, providing precise, predictable control.

A large information display provides battery discharge level, operational status and service messages to the operator.

**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 technician, intelligent coordination of lift truck systems and simplified service with advanced diagnostics.

The display includes a full featured on-board service tool, so service technicians 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 size 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.