

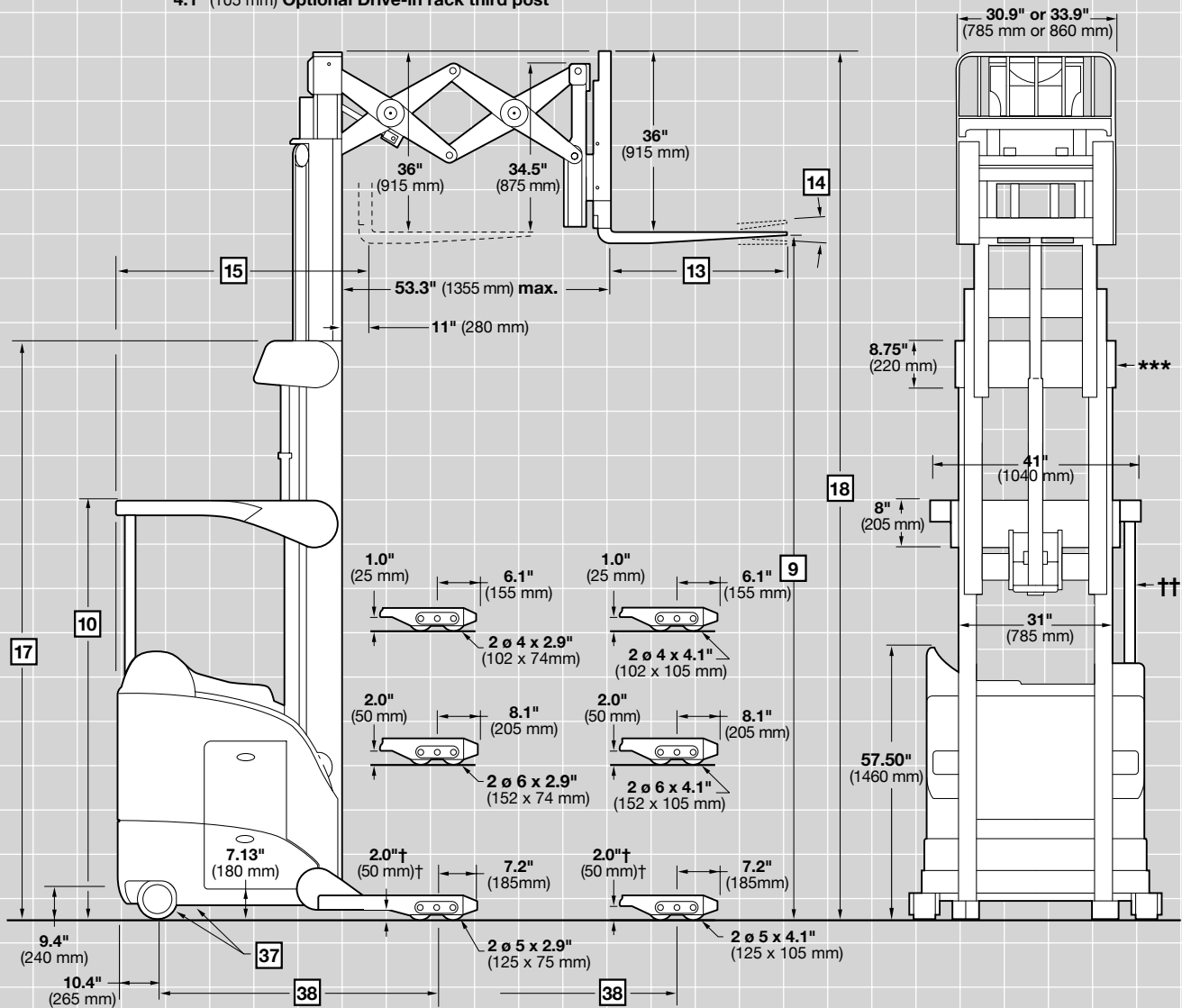
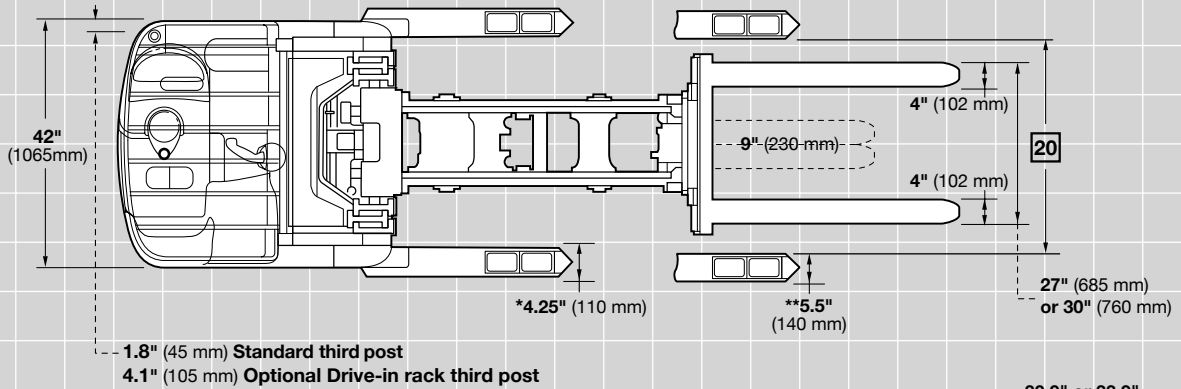
CROWN

# RD 5700 SERIES

## Specifications

Narrow-Aisle Reach Truck





\* 4.6" (120 mm) with Quick Change Load Wheels

\*\* 5.86" (150 mm) with Quick Change Load Wheels

\*\*\*Top tie bar width- 33" (835 mm) for 240" (6095 mm) or 270" (6860 mm) lift. 35" (900 mm) for 300" (7620 mm) and above.

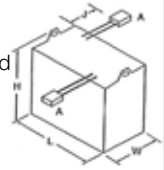
† 1" (25 mm) on lift heights above 321" (8150 mm)

†† Standard third post location, refer to dimension in top view.

**RD 5700 Series**

**Specifications**

			<i>Imperial</i>	<i>Metric</i>	
<b>General Information</b>	1	<b>Manufacturer</b>	<b>Crown Equipment Corporation</b>		
	2	<b>Model</b>	<b>RD 5725-32</b>		
	3	<b>Load Capacity*</b>	Max	lb kg	3200 1450
	4	<b>Load Center</b>	Fork Face to Load CG	in mm	24 600
	5	<b>Power</b>	36 Volts		
	6	<b>Operator Type</b>	Reach	Stand	
	7	<b>Tire Type</b>	Load/Caster/Drive	Poly / Poly / Poly	
	8	<b>Wheels (x = driven)</b>	Load/Power Unit	4 / 2 (1x)	
<b>Dimensions</b>		<b>Mast Type</b>	High Visibility		
	9	<b>Lift Height</b>	in mm	See Mast Chart	
	10	<b>Guard Height</b>	in mm	See Mast Chart	
	13	<b>Forks</b>	Standard L x W x T	in mm	36 x 4 x 1.5 915 x 102 x 38
			Optional Lengths	in mm	30, 39, 42, 45, 48 760, 990, 1065, 1145, 1220
	14	<b>Carriage</b>	Tilt F°/B°	degree	3 / 4
	15	<b>Headlength</b>	Comp't "B"	in mm	56.48 1435
			Comp't "C"	in mm	58.48 1485
			Comp't "D"	in mm	60.23 1530
			Comp't "E"	in mm	62.85 1595
17	<b>Overall Collapsed Height</b>	in mm	See Mast Chart		
18	<b>Overall Extended Height</b>	in mm	See Mast Chart		
20	<b>Inside Straddle Width**</b>	In 1" (25 mm) increments	in mm	34 - 50 865 -1270	
<b>Performance</b>	24	<b>Speed Travel</b>	Power Unit First (E/L)	mph kph	8.0 / 7.2 13.0 / 11.6
			Forks First (E/L)	mph kph	6.8 / 5.7 11.0 / 9.2
	25	<b>Speed Lift - DC†</b>	Empty	fpm mm/s	125 635
			1000 lb (455 kg)	fpm mm/s	108 545
			2000 lb (910 kg)	fpm mm/s	95 480
			3000 lb (1360 kg)	fpm mm/s	83 420
	25a	<b>Speed Lift - AC†</b>	Empty	fpm mm/s	152 770
			1000 lb (455 kg)	fpm mm/s	136 690
			2000 lb (910 kg)	fpm mm/s	118 595
			3000 lb (1360 kg)	fpm mm/s	103 520
26	<b>Speed Lower</b>	Empty/Loaded	fpm mm/s	110 / 110 555 / 555	
37	<b>Tires</b>	Size - Drive/Caster	in mm	13 x 5.5 / 8 x 4 330 x 140 / 203 x 102	
<b>Chassis</b>	38	<b>Wheelbase (Standard Wheel)</b>	Comp't "B"	in mm	59.32 1505
			Comp't "C"	in mm	61.32 1560
			Comp't "D"	in mm	63.07 1600
			Comp't "E"	in mm	65.70 1670
	39	<b>Suspension</b>	Drive	Articulated	
			Caster	Articulated, Swivel	
	42	<b>Brakes</b>	Drive	Elec Release / Mech Applied	
Caster			None		
Parking			Elec Release / Mech Applied		
<b>Battery</b>	<b>Battery Removal</b>		Both Sides		
	45	<b>Type</b>	Lead Acid		
	46	<b>Min Weight/Max Amp</b>	Comp't "B"	lb/amp kg/amp	1600 / 775 730 / 775
			Comp't "C"	lb/amp kg/amp	2000 / 930 910 / 930
			Comp't "D"	lb/amp kg/amp	2280 / 1085 1035 / 1085
			Comp't "E"	lb/amp kg/amp	2600 / 1240 1180 / 1240
	<b>Max Battery Size</b>	Comp't "B" L x W x H	in mm	38.38 x 14.25 x 31 975 x 362 x 787	
		Comp't "C" L x W x H	in mm	38.38 x 16.25 x 31 975 x 413 x 787	
		Comp't "D" L x W x H	in mm	38.69 x 18.00 x 31 983 x 457 x 787	
		Comp't "E" L x W x H	in mm	38.69 x 20.75 x 31 983 x 527 x 787	
		Connector Location / Legth (J)	in mm	A / 9	
		Standard Connector	SB350 Gray		



\* Contact factory. Capacity may be subject to derating at height.  
 \*\* Inside straddle is decreased by .35" (10 mm) with Quick Change Load Wheels.  
 † Maximum lift speeds with the maximum available battery compartment.

**RD 5700 Series**

Specifications

Models RD 5725-32			TT										
Mast	9	Lift Height	in mm	198"	5025	210"	5330	240"	6095	270"	6855	300"	7620
		Free Lift*	in mm	53	1345	59	1495	71	1800	83	2105	95	2415
	10	Guard Height	in mm	89	2260	95	2415	95	2415	95	2415	95	2415
	17	Overall Collapsed Height	in mm	89	2265	95	2415	107	2720	119	3025	131	3330
	18	Overall Extended Height*	in mm	234	5945	246	6250	276	7010	306	7775	336	8535
		Minimum Straddle OD	in mm	42	1065	42	1065	42	1065	42	1065	42	1065
Weight	Truck Weight w/o Battery			Battery Compartment									
		"B"	lb kg	5771	2625	5881	2675	6194	2815	na	na	na	na
		"C"	lb kg	5815	2645	5925	2695	6238	2835	6527	2965	7034	3195
	RD 5725-32	"D"	lb kg	5857	2660	5967	2710	6280	2855	6569	2985	7076	3215
		"E"	lb kg	5912	2685	6022	2735	6335	2880	6624	3010	7131	3240

Models RD 5725-32			TT										
Mast	9	Lift Height	in mm	321"	8150	341"	8660	366"	9295	400"	10160		
		Free Lift*	in mm	104	2640	113	2870	124	3150	136	3450		
	10	Guard Height	in mm	95	2415	95	2415	95	2415	95	2415		
	17	Overall Collapsed Height	in mm	140	3560	149	3785	160	4060	172	4365		
	18	Overall Extended Height*	in mm	357	9070	377	9580	402	10215	436	11075		
		Minimum Straddle OD	in mm	42	1065	49	1245	50	1270	53	1345		
Weight	Truck Weight w/o Battery			Battery Compartment									
		"C"	lb kg	7211	3280	na	na	na	na	na	na	na	na
	RD 5725-32	"D"	lb kg	7253	3295	7508	3415	na	na	na	na	na	na
		"E"	lb kg	7308	3320	7563	3440	7779	3535	8013	3640		

\*With load backrest.  
Above 321" (8150 mm), 6" (150 mm) high load wheel standard.

**Capacity**

Model RD 5725-32: 3200 lb (1450 kg) at 24" (600 mm) load center, 36 volt

**Batteries**

Battery removal from left or right side of truck. Standard battery compartment rollers for extraction with mechanized equipment.

**Standard Equipment**

1. Crown's Access 1 2 3® Comprehensive System Control
2. 36 volt system
3. AC Traction System
4. DC Hydraulics with hydrostatic power steering
5. OnTrac® Anti-Slip Traction Control
6. Operator Compartment
  - Variable side stance
  - Flexible five-point positioning
  - Back support with integral hip support
  - Arm/elbow support padding
  - Padded compartment interior walls
  - Operator console with work surface and storage
  - Suspended floor
  - 270 in<sup>2</sup> ( 1768 cm<sup>2</sup>) floor area
  - Entry bar
  - Premium urethane floorboard cushion
  - Console light
7. Multi-task control handle
8. Crown display
  - Event code display with five (5) key navigation.
  - Hour meters / travel distance / stop watch
  - PIN Code access capable
  - Access 1 2 3 diagnostics
  - P1, P2, P3 performance tuning
  - Battery discharge indicator, steer wheel direction indicator, OnTrac Traction Control indicator
9. High visibility power unit
10. High visibility mast
11. Overhead guard
12. 36" (915 mm) high load backrest
13. Crown-manufactured side-shifter, 2"(50 mm) each way
14. Tilting fork carriage
15. Tandem articulating load wheels
16. Lift slow down 12" (305) from maximum lift height

17. Lift Limit without override
18. Crown-manufactured drive and lift motors
19. Offset articulated drive axle with 190° steer arc
20. Key switch
21. Horn
22. Emergency power disconnect
23. 350 amp battery connector
24. Large diameter battery rollers
25. Color-coded wiring
26. Third post
27. Reverse steering
28. InfoPoint® System with Quick Reference Guide
29. Static Strap

**Optional Equipment**

1. AC Hydraulics with electronic power steering
2. Rack Height Select and Tilt Position Assist
3. Capacity monitor
4. Camera and color monitor
5. Mast lift heights to 400" (10160 mm)
6. Lift limit with override
7. Drive-in rack cylinder package
8. Drive-in rack mast
9. Drive-in rack third post
10. Chain slack kit
11. Bolt-on outrigger tips
12. Quick Change bolt-on outrigger tips
13. Mesh screen mast guard
14. Battery retainer with interlock
15. 5th battery compartment roller
16. 42" and 48" (1065 mm and 1220 mm) high load backrests
17. Overhead guard mesh
18. Polished and tapered forks
19. Fork lengths
20. Work lights
21. Keyless on/off switch
22. Fan
23. Corrosion/freezer conditioning (freezer conditioning includes a 5/8" (16 mm) thick power unit skirt with extended coverage of the drive and caster tires)
24. ThermoAssist™ freezer comfort package ("C", "D" or "E" battery compartment)
25. Load wheel sizes and compounds

26. EE rating
27. Forward Steering
28. Work Assist® Accessories:
  - Accessory tube
  - Accessory RF mounting plate
  - Accessory RF mounting bracket
  - Accessory clamp
  - Accessory clip pad
  - Accessory hook
  - Accessory clip pad and hook
  - Accessory pocket
29. InfoLink® Ready System
30. InfoLink® for Windows Ready System

**Operator Compartment**

Soft, rounded surfaces make compartment interior more comfortable. Streamlined exterior smooths entry/exit for the operator. A low floor height, (9.4" (240 mm)), first greets the operator. A 270 in<sup>2</sup> (1768 cm<sup>2</sup>) floor and patented suspended floorboard provide comfortable footing.

The brake pedal design allows variable side-stance positions for the operator. The operator can change positions to increase comfort and productivity.

Five-point positioning provides control and stability, starting with the right hand on the multi-task controller and the left hand on the steer tiller. Left foot on the brake pedal and the right foot on the presence sensor. The operator's back is naturally fitted against the wrap-around support cushion.

An entry bar with sensors to automatically slow truck travel, encourages safe foot positioning inside the truck.

The multi-task control enables the operator to maneuver the truck while blending lift and accessory functions for improved productivity. Control handle activation forces are reduced. The soft grip steer tiller with hydrostatic steering or optional electronic power steering reduces operator fatigue.

Operator visibility is improved with:

- Low profile power unit
- High visibility mast
- Angled mast cross bracing
- Angled overhead guard cross bars
- Variable side stance

Superior thermal management is the result of several design features: reduced heat generating components, positioning of heat generating components away from the compartment, padding to insulate the compartment from heat, and improved air paths through the truck.

Clipboard surface and console storage pockets are standard.

**Crown's Access 1 2 3® Comprehensive System Control**

provides optimum performance and control by offering a communication interface for operators and technicians, intelligent coordination of lift truck systems and simplified service with advanced diagnostics.

The Crown display is used for easy trouble shooting, accessing service history and setting performance features. A distribution panel is conveniently located with all test points, control fuses and central wiring for easy troubleshooting.

Three modes of performance can be selected to accommodate operator experience or application requirements.

**OnTrac® Anti-Slip Traction Control**

Crown's Access 123 technology monitors truck dynamics, optimizes traction, reduces spinning during acceleration, prevents lock-up during braking, and greatly extends tire life.

**Travel**

Crown's AC traction system is a closed loop traction control system that maintains top speed throughout the battery charge. Engineered and manufactured by Crown, the AC motor, controller and drive unit are designed specifically for lift truck applications.

On an inclined surface or when interfacing with push-back racking, the "truck hold" feature electronically brakes the truck when the handle is in neutral. The operator does not have to release the brake pedal, improving comfort and control in these applications. Selected travel speed remains constant regardless of surfaces, load weight or grades. Less throttling of control handle means better truck control and less fatigue to the operator.

**Steering**

Load sense hydrostatic steering is an on-demand system which reduces energy consumption. Smooth, quiet steering control with minimal operator effort required at the steer tiller. Drive tire rotates 190° for maximum maneuverability.

The optional electronic power steering uses an AC steer motor and steering control module integrated with the Access 1 2 3® System to provide fast, reliable steering response.

**Braking**

A disc brake on the motor armature shaft combined with motor regenerative braking provides sure braking with fewer parts and maintenance requirements. The offset, articulated drive-unit design improves drive tire brake force.

Regenerative motor braking helps save energy, and decreases motor temperature.

**Suspension**

The offset, articulated drive-unit design provides positive floor contact.

**Load Handling**

The optional load handling assist package provides rack height select and tilt position assist features.

The Rack Height Select feature allows the truck to be programmed to stop at preselected heights. With one-touch of the multi-task trigger while lifting or lowering, the mast will stop at the next programmed height.

Another useful option is the Tilt Position Assist. This allows the fork tilt to stop at a preprogrammed position for maximum fork clearance when entering pallets.

Also optional, the Capacity Monitor shows the approximate weight on the forks and the fork height. It will alert the operator when the truck capacity is exceeded for the fork height. It will also show how high or to which lift zone you can raise the load.

**Mast**

High visibility mast design with angled cross bracing and angled overhead guard braces improve visibility for high or low stacking. Crown's patented staging cushions coupled with lowering dampers and speed reductions at maximum lift improve overall load handling control.

Rolled steel outer channel masts and inner "I" beams roll on canted, steel, anti-friction roller bearings for minimal current draw and long life. Telescoping mast sections nest to reduce truck length. Heavier mast cross bracing design increases stiffness. Above 270" (6860 mm) lift, vertical mast reinforcement maintains maximum capacity.

**Carriage**

A hook-type carriage conforming to ITA specifications is used. Load backrest is standard.

**Other Options**

1. Audible travel alarm
2. Flashing lights

Safety considerations and dangers associated with audible travel alarms and flashing lights include:

- Multiple alarms and/or lights can cause confusion.
- Workers ignore the alarms and/or lights after day-in and day-out exposure.
- Operator may transfer the responsibility for "looking out" to the pedestrians.
- Annoys operators and pedestrians.

**Other Options Available**

Contact your local Crown dealer.

*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.*

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**You can count on Crown to build lift trucks designed for safe operation, but that's only part of the safety equation. Crown encourages safe operating practices through ongoing operator training, safety-focused supervision, maintenance and a safe working environment. Go to [crown.com](http://crown.com) and view our safety section to learn more.**

Because Crown is continually improving its products, specifications are subject to change without notice.

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