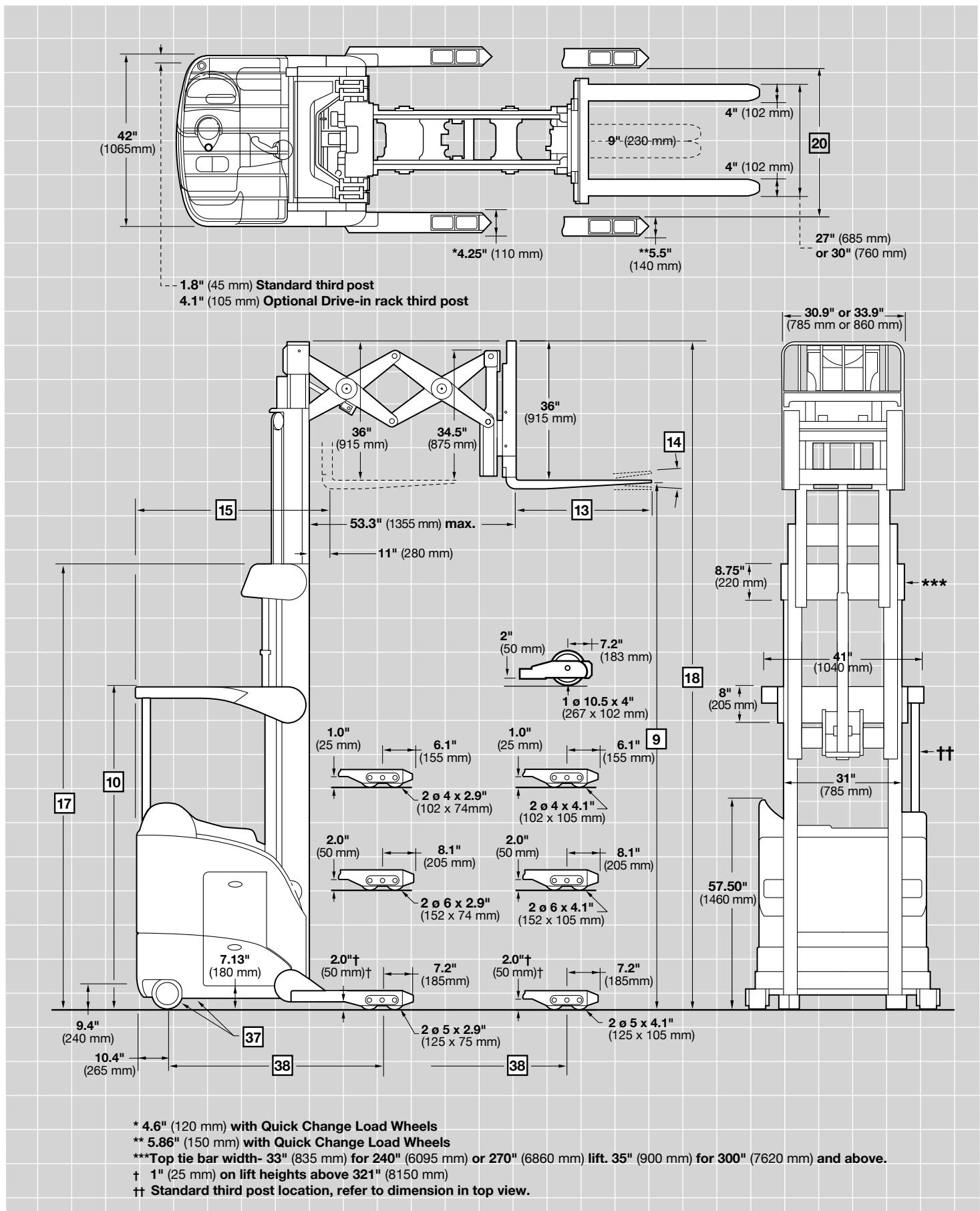


CROWN

RD 5700 SERIES

Specifications
Narrow-Aisle Reach Truck



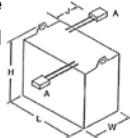


		Imperial		Metric	
General Information		Crown Equipment Corporation			
1	Manufacturer	RD 5725-32			
2	Model				
3	Load Capacity*	Max	lb kg	3200	1450
4	Load Center	Fork Face to Load CG		24	600
5	Power	36 Volts			
6	Operator Type	Stand			
7	Tire Type	Poly / Poly / Poly			
8	Wheels (x = driven)	4 / 2 (1x)			
	Mast Type	TT			
Dimensions		in mm		See Mast Chart	
9	Lift Height	in mm		See Mast Chart	
10	Guard Height	in mm		See Mast Chart	
13	Forks	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	Carriage	Tilt F°/B°	degree	3 / 4	
15	Headlength	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	Overall Collapsed Height	in mm		See Mast Chart	
18	Overall Extended Height	in mm		See Mast Chart	
20	Inside Straddle Width**	In 1" (25 mm) increments	in mm	34 - 50	865 - 1270
24	Speed Travel	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	Speed Lift - AC†	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	Speed Lower	Empty/Loaded	fpm mm/s	110 / 110	555 / 555
37	Tires	Size - Drive/Caster	in mm	13 x 5.5 / 8 x 4	330 x 140 / 203 x 102
38	Wheelbase (Standard Wheel)	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	Suspension	Drive	Articulated		
		Caster	Articulated, Swivel		
42	Brakes	Drive	Elec Release / Mech Applied		
		Caster	None		
		Parking	Elec Release / Mech Applied		
Battery Removal		Both Sides			
45	Type	Lead Acid			
46	Min Weight/Max Amp	Comp't "C"	lb/amp	kg/amp	2000 / 930
		Comp't "D"	lb/amp	kg/amp	2280 / 1085
		Comp't "E"	lb/amp	kg/amp	2600 / 1240
Battery	Max Battery Size Width is measured on the side of the battery with lifting hooks.	Comp't "C"	L x W x H	in mm	38.38 x 16.25 x 31
		Comp't "D"	L x W x H	in mm	38.69 x 18.00 x 31
		Comp't "E"	L x W x H	in mm	38.69 x 20.75 x 31
		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.



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												
		RD 5725-32			TT									
		"C"		lb kg	5815	2645	5925	2695	6238	2835	6527	2965	7034	3195
		"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										
		RD 5725-32			TT							
		"C"		lb kg	7211	3280	na	na	na	na	na	na
		"D"	lb kg	7253	3295	7508	3415	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.

RD 5700 Series

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. AC Hydraulics with electronic 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 in² (1768 cm²) floor area
 - Entry Bar™ safety switch
 - 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. Rack Height Select and Tilt Position Assist
2. Capacity monitor
3. Camera and color monitor
4. Mast lift heights to 400" (10160 mm)
5. Lift limit with override
6. Drive-in rack cylinder package
7. Drive-in rack mast
8. Drive-in rack third post
9. Chain slack kit
10. Bolt-on outrigger tips
11. Quick Change bolt-on outrigger tips
12. Mesh screen mast guard
13. Battery retainer with interlock
14. 5th battery compartment roller
15. 42" and 48" (1065 mm and 1220 mm) high load backrests
16. Overhead guard mesh
17. Polished and tapered forks
18. Fork lengths
19. Work lights
20. LED flashing light
21. Floor Spotlight - Blue
22. Keyless on/off switch
23. Fan
24. Corrosion/freezer conditioning (freezer conditioning includes a 5/8" (16 mm) thick power unit skirt with extended coverage of the drive and caster tires)
25. ThermoAssist™ freezer comfort package ("C", "D" or "E" battery compartment)
26. Load wheel sizes and compounds

RD 5700 Series

Technical Information

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 1 2 3 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

The 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.

Smooth, quiet steering control with minimal operator effort required at the steer tiller. Drive tire rotates 190° for maximum maneuverability.

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.

Warning Device Options

Audible or Visual Alerts

Safety considerations and dangers associated with audible travel alarms and 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 factory for additional options.

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 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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