

**RR 5700** 

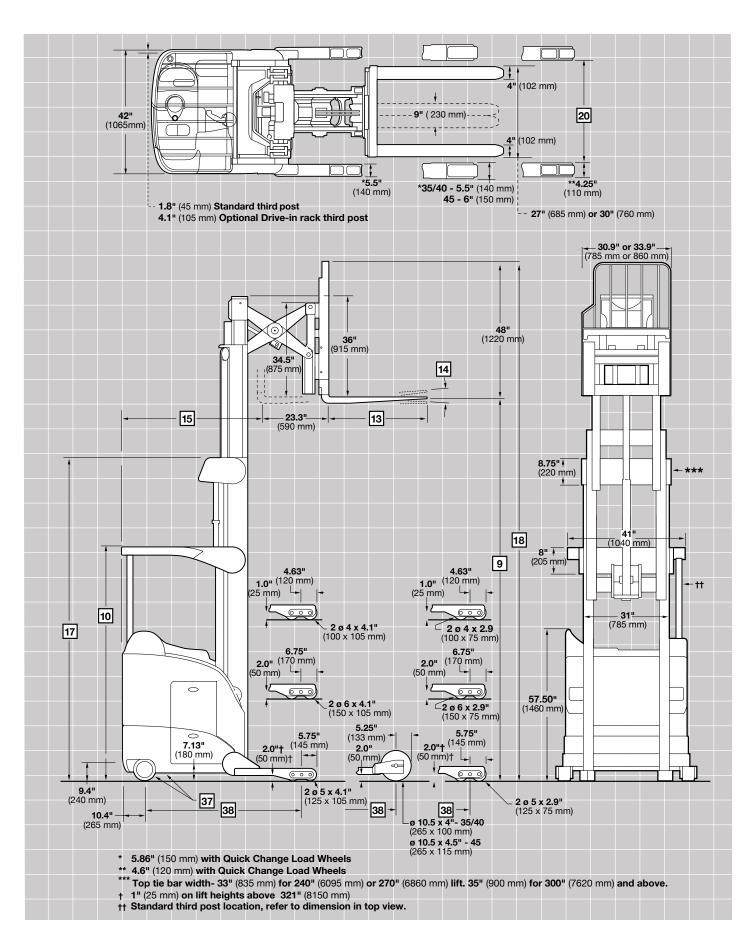
SERIES

**Specifications** 

Narrow-Aisle Reach Truck







					Imperial	Metric	Imperial	Metric				
	1	Manufacturer			Crown Equipment Corporation							
General Information	2	Model			RR 57	715-35	RR 5715-40					
na	3	Load Capacity*	Max	lb kg	3500	1585	4000	1810				
5	4	Load Center	Fork Face to Load (		24	600	24	600				
ੂ	5	Power					volts					
교	6	Operator Type	Reach				and					
<b>E</b>	7	Tire Type	Load/Caster/Drive			Poly / Po	oly / Poly					
9	8	Wheels (x = driven)	Load/Power Unit				2 (1x)					
Н	Ť	Mast Type	High Visibility				T					
	9		1	in mm		See Ma	st Chart					
		Guard Height		in mm		See Ma	st Chart					
	13	Forks	Standard L x W x T	in mm	36 x 4	x 1.75		02 x 45				
<b>,</b>			Optional Lengths	in mm		12, 45, 48		65, 1145, 1220				
Dimensions	14	Carriage	Tilt F°/B°	degree	,,		/ 4					
ısi	15	Headlength	Comp't "B"	in mm	51.25	1300	51.25	1300				
ē		gu.	Comp't "C"	in mm	53.25	1355	53.25	1355				
ᇤ			Comp't "D"	in mm	na	na	na	na				
-			Comp't "E"	in mm	na	na	na	na				
	17	Overall Collapsed Ht.	- STIPLE	in mm	ıα		ıst Chart	Πα				
	18			in mm			ist Chart					
	20	Inside Straddle Width**	In 1" (25 mm) increr		34 - 50	860 - 1270	34 - 50	860 - 1270				
	24	Speed Travel	Power Unit First (E/I		7.2 / 6.3	11.6 / 10.1	7.2 / 6.3	11.6 / 10.1				
	24	Speed Havei	Forks First (E/L)	mph kph	6.3 / 5.7	10.1/9.2	6.3 / 5.3	10.1 / 8.5				
	25	Speed Lift DC+	Empty	fpm mm/s	54	270	54	270				
	25	Speed Lift - DC†	1000 lb (455 kg)	fpm mm/s	46	230	46	230				
				· · · · · · · · · · · · · · · · · · ·		200	40	200				
			2000 lb (910 kg)	fpm mm/s	40 35	175	35	175				
			3000 lb (1365 kg)	fpm mm/s	33	165	33	165				
e l			3500 lb (1590 kg)	fpm mm/s			31	155				
ä			4000 lb (1815 kg)	fpm mm/s	na	na						
Performance	05	0 11:0 101	4500 lb (2000 kg)	fpm mm/s	na	na	na	na				
٩	25a	Speed Lift - AC†	Empty	fpm mm/s	na	na	na	na				
Pe			1000 lb (455 kg)	fpm mm/s	na	na	na	na				
			2000 lb (910 kg)	fpm mm/s	na	na	na	na				
			3000 lb (1365 kg)	fpm mm/s	na	na	na	na				
			3500 lb (1590 kg)	fpm mm/s	na	na	na	na				
			4000 lb (1815 kg)	fpm mm/s	na	na	na	na				
	-00	0	4500 lb (2000 kg)	fpm mm/s	na 110 / 110	na 555 / 555	na 110/110	na 555 / 555				
	26 37	Speed Lower Tires	Empty/Loaded Size - Drive/Caster	fpm mm/s	13 x 5.5 / 8 x 4	330x140 / 203x102	13 x 5.5 / 8 x 4	330x140 / 203x102				
	38	Wheelbase	Comp't "B"	in mm	54.24	1380	54.24	1380				
	30			in mm								
		(Standard Wheel)	Comp't "C"	in mm	56.24	1430	56.24	1430				
,			Comp't "D"	in mm	na	na	na	na				
Chassis	20	Sucnoncian	Comp't "E"	in mm	na	na Artici	na na	na				
þá	39	Suspension	Drive		Articulated							
Ö	40	Drokoo	Caster		Articulated, Swivel  Elec Release / Mech Applied							
	42	Brakes	Drive									
			Caster				Mach Applied					
		Dettern Demonstral	Parking				Mech Applied					
	4.5	Battery Removal			Both Sides Lead Acid							
	45	Type	O't "D"	- / l.s./	1000 /1005		r	705 / 4005				
	46	Min Weight/Max Amp	·	o/amp kg/amp	1600 / 1085	730 / 1085	1600 / 1085	725 / 1085				
				o/amp kg/amp	1880 / 1020	855 / 1020	1880 / 1020	855 / 1020				
ح				o/amp kg/amp	na	na	na	na				
Ę				o/amp kg/amp	na	na	na	na				
Battery		Max Battery Size	Comp't "B" LxW>		38.38 x 14.25 x 31	975 x 360 x 787	38.38 x 14.25 x 31	975 x 360 x 787				
-		Width is measured	Comp't "C" LxW>		38.38 x 16.25 x 31	975 x 415 x 787	38.38 x 16.25 x 31	975 x 415 x 787				
		on the side of	Comp't "D" LxW>		na	na	na	na				
		the battery with lifting	Comp't "E" LxWx		na	na	na	na				
		hooks.	Connector Loc/Leng				/9					
		HOOKO.	Standard Connecto	r		SB35	0 Red					

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

					Imperial	Metric	Imperial	Metric			
	1	Manufacturer				Crown Equipm	ent Corporation				
ij	2	Model			RR 57	725-35	RR 57	725-45			
General Information	3	Load Capacity*	Max	lb kg	3500	1585	4500	2000			
Į.	4	Load Center	Fork Face to Load CO	in mm	24	600	24	600			
교	5	Power				36 \	Volts				
əra	6	Operator Type	Reach			Sta	and				
e	7	Tire Type	Load/Caster/Drive			Poly / Po	oly / Poly				
G	8	Wheels (x = driven)	Load/Power Unit				2 (1x)				
		Mast Type	High Visibility				T				
	9	Lift Height	,	in mm		See Ma	st Chart				
	10	Guard Height		in mm		See Ma	st Chart				
	13	Forks	Standard L x W x T	in mm	36 x 4	x 1.75		02 x 45			
,,			Optional Lengths	in mm		2, 45, 48		55, 1145, 1220			
ü	14	Carriage	Tilt F°/B°	degree	,,		/ 4	-, -,			
Dimensions	15	Headlength	Comp't "B"	in mm	na	na	na na	na			
neı		· ····································	Comp't "C"	in mm	53.25	1355	53.67	1365			
Din			Comp't "D"	in mm	na	na	55.42	1410			
			Comp't "E"	in mm	na	na	58.04	1475			
	17	Overall Collapsed Ht.		in mm See Mast Chart							
	18	Overall Extended Ht.		in mm			st Chart				
	20	Inside Straddle Width**	In 1" (25 mm) increme		34 - 50	860 - 1270	34 - 50	860 - 1270			
	24	Speed Travel	Power Unit First (E/L)	mph kph	8.0 / 7.2	12.9 / 11.6	8.0 / 7.2	12.9 / 11.6			
		opeca marci	Forks First (E/L)	mph kph	6.8 / 5.7	10.9 / 9.2	6.8 / 5.7	10.9 / 9.2			
	25	Speed Lift - AC†	Empty	fpm mm/s	158	800	153	775			
Ф	20	opeca Liit - AO	1000 lb (455 kg)	fpm mm/s	138	700	139	707			
၁			2000 lb (910 kg)	fpm mm/s	118	600	121	615			
ma			3000 lb (1365 kg)	fpm mm/s	101	510	105	530			
For			3500 lb (1590 kg)	fpm mm/s	94	475	97	490			
Performance			4000 lb (1815 kg)	fpm mm/s	na	na	90	455			
ш.			4500 lb (2000 kg)	fpm mm/s	na	na	82	415			
	26	Speed Lower	Empty/Loaded	fpm mm/s	110 / 110	555 / 555	110 / 110	555 / 555			
	37	Tires	Size - Drive/Caster	in mm	13 x 5.5 / 8 x 4	330x140 / 203x102	13 x 5.5 / 8 x 4	330x140 / 203x102			
	38	Wheelbase	Comp't "B"	in mm	na	na	na na	na			
		(Standard Wheel)	Comp't "C"	in mm	56.24	1430	58.32	1480			
		(0.10.100.1)	Comp't "D"	in mm	na	na	60.07	1525			
<u>s</u>			Comp't "E"	in mm	na	na	62.70	1595			
Chassis	39	Suspension	Drive				ulated				
ìha		1	Caster		Articulated, Swivel						
٥	42	Brakes	Drive		Elec Release / Mech Applied						
			Caster		None						
			Parking Elec Release / Mech Applied								
		Battery Removal	· · · · · · · · · · · · · · · · · · ·		Both Sides						
	45	Туре					I Acid				
	46	Min Weight/Max Amp	Comp't "C" lb/s	amp kg/amp	1880 / 930	855 / 930	2000 / 930	910 / 930			
	-	<b>5</b> • <b>P</b>		amp kg/amp	na	na	2280 / 1085	1035 / 1085			
Battery				amp kg/amp	na	na	2600 / 1240	1180 / 1240			
atte		Max Battery Size	Comp't "C" LxWxF			975 x 415 x 787	38.38 x 16.25 x 31	975 x 415 x 787			
ñ		Width is measured	Comp't "D" LxWxH		na	na	38.69 x 18.00 x 31	983 x 455 x 787			
		on the side of	Comp't "E" LxWxH		na	na	38.69 x 20.75 x 31	983 x 525 x 787			
		the battery			-						
		with lifting	Connector Loc/Lengtl	n (J) in mm		А	/9				
		hooks.	Standard Connector				0 Gray				
		, ,			ODOOU Citay						

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

N4 -	-1-1-	DD 5745 OF 5745 40 5705	05 1 5705 45	ı				-						
IVIO	aeis 9	RR 5715-35, 5715-40, 5725 Lift Height (RR 5715-35 an		in mm	198	50	)25	210	<b>FT</b> 5330	2	16	5485		
	9	Free Lift*	iu -40, 210 Max)	in mm	41		)40	47	1190		51	1295		
يد	10	Guard Height		in mm	89		260	95	2415		95	2415		
Mast	17	Overall Collapsed Height		in mm	89		265	95	2415		99	2515		
2	18	Overall Extended Height*		in mm	246		250	258	6555		64	6705		
	10	Minimum Straddle OD		in mm	42		)65	42	1065		12	1065		
		Truck Weight w/o Battery E	Battery Compartme		72	10		72	1000		12	1000		
		RR 5715-35	"B"	lb kg	5147	23	340	5233	2380	52	291	2405		
Ħ		RR 5715-40	"C"	lb kg	5191		360	5227	2375		318	2420		
igh		RR 5725-35	"C"	lb kg	5269	23	395	5355	2435	54	114	2465		
Weight			"C"	lb kg	5653	25	570	5762	2620	r	na	na		
		RR 5725-45	"D"	lb kg	5695	25	590	5804	2640	r	na	na		
			"E"	lb kg	5750	26	315	5859	2665	r	na	na		
N4	-1-1-	DD 5745 05 5745 40 5705	05 1 5705 45						-					
MO	_	RR 5715-35, 5715-40, 5725			005	5745	0.10		r <b>T</b>	00.45	0.10	0000		
	9	Lift Height (RR 5715-35 an	ia -40, 2/0" Max)	in mm	225	5715	240	6095	246	6245	249	6320		
ا . ا	4.0	Free Lift*		in mm	54	1370	59	1495	63	1600	64	1625		
Mast	10	Guard Height		in mm	95	2415	95	2415	95	2415	95	2415		
Σ	17	Overall Collapsed Height		in mm	102	2590	107	2720	111	2820	112	2845		
	18	Overall Extended Height*		in mm	273	6935	288	7315	294	7470	297	7545		
		Minimum Straddle OD	<b>.</b>	in mm	42	1065	42	1065	42	1065	42	1065		
		Truck Weight w/o Battery	Battery Compartment											
		RR 5715-35	"B"	lb kg	na	na	5492	2495	na	na	na	na		
ht		RR 5715-40	"C"	lb kg	na	na	5536	2515	5574	2535	5600	2550		
Weight		RR 5725-35	"C"	lb kg	na	na	5614	2550	5643	2565	5666	2580		
š			"C"	lb kg	5930	2700	6075	2760	6174	2810	6209	2825		
		RR 5725-45	"D"	lb kg	5971	2715	6117	2780	6217	2830	6252	2845		
			"E"	lb kg	6044	2750	6172	2805	6275	2855	6308	2870		
Ma	dolo	RR 5715-35, 5715-40, 5725	25 and 5705 45						ГТ					
IVIO	9	· · · · · · · · · · · · · · · · · · ·		in mm	050	0050	050			0055	070	7010		
	9	Lift Height (RR 5715-35 and	a -40, 270" Max)	in mm	250	6350	252	6400	270	6855	276	7010		
ارا	10	Free Lift*		in mm	64	1635	65	1650	71	1800	75	1905		
Mast	10	Guard Height		in mm	95	2415	95	2415	95	2415	95	2415		
2	17	Overall Collapsed Height		in mm	112	2855	113	2870	119	3025	123	3125		
	18	Overall Extended Height*		in mm	298	7570	300	7620	318	8075	324	8230		
		Minimum Straddle OD	Battery	in mm	42	1065	42	1065	42	1065	42	1065		
		Truck Weight w/o Battery	Compartment											
		RR 5715-35	"B"	lb kg	na	na	na	na	na	na	na	na		
ļt		RR 5715-40	"C"	lb kg	na	na	5626	2560	5779	2625	na	na		
Weight		RR 5725-35	"C"	lb kg	na	na	5689	2590	5857	2660	na	na		
3		_	"C"	lb kg	6220	2830	6244	2840	6365	2895	6523	2965		
		RR 5725-45	"D"	lb kg	6264	2850	6287	2860	6407	2910	6568	2990		
Ll			"E"	lb kg	6319	2875	6341	2885	6462	2935	6604	3005		
Мо	dels	RR 5715-35, 5715-40, 5725	-35 and 5725-45			TT								
	9	Lift Height (RR 5715-35 an		in mm	280	7110	288	7315	296	7515	300	7620		
	-	Free Lift*	,	in mm	76	1940	79	2005	82	2070	83	2105		
ایرا	10	Guard Height		in mm	95	2415	95	2415	95	2415	95	2415		
Mast	17	Overall Collapsed Height		in mm	124	3160	127	3225	130	3295	131	3330		
_	18	Overall Extended Height*		in mm	328	8330	336	8353	344	8740	348	8840		
		Minimum Straddle OD		in mm	42	1065	42	1065	42	1065	42	1065		
	!		Battery			. 555		.000		.000		.000		
		Truck Weight w/o Battery	Compartment				1							
		RR 5715-35	"B"	lb kg	na	na	na	na	na	na	na	na		
اسدا			"〇"	lb kg	na	na	na	na	na	na	na	na		
둋		RR 5715-40	"C"	-										
/eigh	-	RR 5715-40 RR 5725-35	"C"	lb kg	na	na	na	na	na	na	6029	2740		
Weight	-		"C"	lb kg lb kg	na 6569	na 2990	6662	na 3030	6755	na 3075	6872	2740 3125		
Weight	-		"C"	lb kg	na									
Weight	-	RR 5725-35	"C"	lb kg lb kg	na 6569	2990	6662	3030	6755	3075	6872	3125		

Мо	del l	RR 5725-45	ТТ											
	9	Lift Height (RR 5715-35 a	nd -40, 270" Max)	in mm	315	8000	321	8150	324	8230	330	8380	341	8660
		Free Lift*		in mm	90	2285	92	2335	95	2420	97	2470	101	2565
st	10	Guard Height		in mm	95	2415	95	2415	95	2415	95	2415	95	2415
Mast	17	Overall Collapsed Height		in mm	138	3505	140	3560	143	3645	145	3695	149	3785
	18	Overall Extended Height*	*	in mm	363	9220	369	9375	372	9450	378	9600	389	9885
		Minimum Straddle OD		in mm	42	1065	42	1065	49	1245	49	1245	49	1245
t		Truck Weight w/o Battery	Battery Compartment											
Weight			"C"	lb kg	6976	3175	7048	3205	na	na	na	na	na	na
We		RR 5725-45	"D"	lb kg	7025	3195	7090	3225	7130	3245	7200	3275	7341	3335
		-	"E"	lb kg	7064	3215	7145	3250	7168	3260	7237	3290	7396	3360

Mo	del	RR 5725-45			TT									
	9	Lift Height (RR 5715-35 ar	nd -40, 270" Max)	in mm	366	9295	372	9450	376	9550	380	9650	400	10160
		Free Lift*		in mm	112	2845	115	2910	116	2945	117	2980	124	3150
st	10	Guard Height		in mm	95	2415	95	2415	95	2415	95	2415	95	2415
Mast	17	Overall Collapsed Height		in mm	160	4060	163	4135	164	4165	165	4205	172	4365
	18	Overall Extended Height*	•	in mm	414	10520	420	10670	424	10770	428	10870	448	11380
		Minimum Straddle OD		in mm	50	1270	53	1345	53	1345	53	1345	53	1345
_		Truck Weight w/o Battery	Battery Compartment											
Weight			"C"	lb kg	na	na								
Me		RR 5725-45	"D"	lb kg	na	na								
		_	"E"	lb kg	7612	3460	7720	3510	7766	3530	7812	3555	7846	3565

<sup>\*</sup> With load backrest.

Note: Above 321" (8150 mm), 6" (150 mm) high load wheel standard.

# RR 5700 Series

### Technical Information

### Capacity

Model RR 5715-35: 3500 lb (1585 kg) at 24" (600 mm) load center, 24 volt

Model RR 5715-40: 4000 lb (1810 kg) at 24" (600 mm) load center, 24 volt

Model RR 5725-35: 3500 lb (1585 kg) at 24" (600 mm) load center, 36 volt

Model RR 5725-45: 4500 lb (2000 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

- Crown's Access 1 2 3°
   Comprehensive
   System Control
- 2. 24 or 36 volt system
- 3. AC Traction System
- AC Hydraulics with electronic power steering
   (RR 5715 has DC Hydraulics with hydrostatic power
- 5. OnTrac® Anti-Slip Traction Control

steering)

- 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™ 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. 48" (1220 mm) high load backrest
- 13. Crown-manufactured sideshifter, 2" - 4" (50 - 100 mm) each way
- 14. Tilting fork carriage
- 15. Tandem articulating load wheels
- 16. Lift slow down 12" (305 mm) 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
- 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**

- Rack Height Select and Tilt Position Assist
- 2. Capacity monitor
- 3. Camera and color monitor (Not available on 5715)
- 4. Mast lift heights to 400" (10160 mm)
- 5. Lift limit with override
- Drive-in rack cylinder package
- 7. Drive-in rack mast (4500 lb (2000 kg) only)
- 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. V-Force® Lithium-Ion Ready
- 16. Fuel Cell Ready
- Thin Plate Pure Lead (TPPL) Ready
- 18. 36" and 42" (915-1065 mm) high load backrests
- 19. Overhead guard mesh

- 20. Polished and tapered forks
- 21. Fork lengths
- 22. Work lights
- 23. LED flashing light
- 24. Floor Spotlight Blue
- 25. Keyless on/off switch
- 26. Fan
- 27. Corrosion/freezer conditioning (freezer conditioning includes a 5/8" (16 mm) thick power unit skirt with extended coverage of the drive and caster tires)
- 28. ThermoAssist™ freezer comfort package ("C", "D" or "E" battery compartment)
- 29. Load wheel sizes and compounds
- 30. UL EE Rating
- 31. Forward Steering
- 32. Work Assist® Accessories:
  - Accessory tube
  - Accessory RF mounting plate
  - Accessory RF mounting bracket
  - Accessory clamp adapter plate
  - Accessory clamp
  - Accessory clip pad
  - Accessory hook
  - Accessory clip pad and hook
  - Accessory pocket
  - Organizer kits
- 33. InfoLink® Ready

### **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 in² (1768 cm²) 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.

The Entry Bar™ safety switch 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<sup>®</sup> 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.

# RR 5700 Series

### Technical Information

### 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. (RR 5715 has the load sense hydrostatic steering that 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.

### **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.



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.

## **Crown Equipment Corporation**

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

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