RR 5700 SERIES

Specifications
Narrow-Aisle Reach Truck
RR 5700 Series
Narrow-Aisle Reach Truck

1.8" (45 mm) Standard third post
4.1" (105 mm) Optional Drive-in rack third post

* 5.86" (150 mm) with Quick Change Load Wheels
** 4.6" (120 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.
## RR 5700 Series Specifications

### General Information
- **Manufacturer**: Crown Equipment Corporation
- **Model**: RR 5715-35, RR 5715-40
- **Load Capacity**:
  - Max: 3500 lb, 1585 kg
  - Max: 4000 lb, 1810 kg
- **Load Center**:
  - Fork Face to Load CG: 24 in, 600 mm
  - Load Face to CG: 24 in, 600 mm
- **Power**: 24 Volts
- **Operator Type**: Reach, Stand
- **Tire Type**: Load/Caster/Drive: Poly / Poly / Poly
- **Wheels (x = driven)**: Load/Power Unit: 4 / 2 (1x)

### Dimensions
- **Mast Type**: High Visibility TT
- **Lift Height**: See Mast Chart
- **Guard Height**: See Mast Chart
- **Forks**:
  - Standard: 36 x 4 x 1.75 in, 915 x 102 x 45 mm
  - Optional Lengths: 30, 39, 42, 45, 48 in, 760, 990, 1065, 1145, 1220 mm
- **Carriage**:
  - Tilt F°/B°: 3 / 4 degree
  - Comp't "B" Height: 51.25 in, 1300 mm
  - Comp't "C" Height: 53.25 in, 1355 mm
  - Comp't "D" Height: na
  - Comp't "E" Height: na
  - See Mast Chart
- **Overall Collapsed Ht.**
  - See Mast Chart
- **Overall Extended Ht.**
  - See Mast Chart
- **Inside Straddle Width**
  - In 1" (25 mm) increments: 34 - 50 in, 860 - 1270 mm

### Performance
- **Speed Travel**:
  - Power Unit First (E/L): 7.2 / 6.3 mph, 11.6 / 10.1 km/h
  - Forks First (E/L): 6.3 / 5.7 mph, 10.1 / 8.5 km/h
- **Speed Lift - DC†**
  - Empty: 54 fpm, 270 mm/s
  - 1000 lb: 46 fpm, 230 mm/s
  - 2000 lb: 40 fpm, 200 mm/s
  - 3000 lb: 35 fpm, 175 mm/s
  - 3500 lb: 33 fpm, 165 mm/s
  - 4000 lb: 31 fpm, 155 mm/s
  - 4500 lb: 31 fpm, 155 mm/s
- **Speed Lift - AC†**
  - Empty: na
  - 1000 lb: na
  - 2000 lb: na
  - 3000 lb: na
  - 3500 lb: na
  - 4000 lb: na
  - 4500 lb: na

### Chassis
- **Wheelbase**:
  - Comp't "B" Articulated: 54.24 in, 1380 mm
  - Comp't "C" Articulated: 56.24 in, 1430 mm
  - Comp't "D" Articulated: na
  - Comp't "E" Articulated: na
- **Suspension**:
  - Drive: Articulated
  - Caster: Articulated, Swivel
- **Brakes**:
  - Drive: Elec Release / Mech Applied
  - Caster: None
  - Parking: Elec Release / Mech Applied

### Battery
- **Type**: Lead Acid
- **Min Weight/Max Amp**
  - Comp't "B" lb/amp/kg/amp: 1600 / 1085 / 730 / 1085
  - Comp't "C" lb/amp/kg/amp: 1880 / 1020 / 855 / 1020
  - Comp't "D" lb/amp/kg/amp: na / na / na / na
  - Comp't "E" lb/amp/kg/amp: na / na / na / na
- **Max Battery Size**
  - Comp't "B" L x W x H: 38.38 x 14.25 x 31 in, 975 x 360 x 787 mm
  - Comp't "C" L x W x H: 38.38 x 16.25 x 31 in, 975 x 415 x 787 mm
  - Comp't "D" L x W x H: na
  - Comp't "E" L x W x H: na
  - Connector Loc/Length (J): A / 9
  - Standard Connector: SB350 Red

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* 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.
<table>
<thead>
<tr>
<th><strong>General Information</strong></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Manufacturer</strong></td>
<td>Imperial</td>
<td>Metric</td>
</tr>
<tr>
<td></td>
<td>Crown Equipment Corporation</td>
<td></td>
</tr>
<tr>
<td><strong>2. Model</strong></td>
<td>RR 5725-35</td>
<td>RR 5725-45</td>
</tr>
<tr>
<td><strong>3. Load Capacity</strong></td>
<td>Max lb</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td>3500</td>
<td>1585</td>
</tr>
<tr>
<td><strong>4. Load Center</strong></td>
<td>Fork Face to Load CG in mm</td>
<td>24</td>
</tr>
<tr>
<td><strong>5. Power</strong></td>
<td>Reach stand</td>
<td>Stand</td>
</tr>
<tr>
<td><strong>6. Operator Type</strong></td>
<td>Reach</td>
<td>Stand</td>
</tr>
<tr>
<td><strong>7. Tire Type</strong></td>
<td>Load/Caster/Drive</td>
<td>Poly / Poly / Poly</td>
</tr>
<tr>
<td><strong>8. Wheels (x = driven)</strong></td>
<td>Load/Power Unit</td>
<td>4 / 2 (1x)</td>
</tr>
<tr>
<td><strong>9. Mast Type</strong></td>
<td>High Visibility</td>
<td>TT</td>
</tr>
<tr>
<td><strong>10. Lift Height</strong></td>
<td>Standard in mm</td>
<td>See Mast Chart</td>
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<tr>
<td><strong>11. Guard Height</strong></td>
<td>in mm</td>
<td>See Mast Chart</td>
</tr>
<tr>
<td><strong>12. Forks</strong></td>
<td>Standard in mm</td>
<td>See Mast Chart</td>
</tr>
<tr>
<td></td>
<td>36 x 4 x 1,75</td>
<td>See Mast Chart</td>
</tr>
<tr>
<td><strong>13. Headlength</strong></td>
<td>Comp’t “B” in mm</td>
<td>51.25</td>
</tr>
<tr>
<td></td>
<td>Comp’t “C” in mm</td>
<td>53.25</td>
</tr>
<tr>
<td></td>
<td>Comp’t “D” in mm</td>
<td>na</td>
</tr>
<tr>
<td></td>
<td>Comp’t “E” in mm</td>
<td>na</td>
</tr>
<tr>
<td><strong>14. Carriage</strong></td>
<td>Tilt F/B° in °</td>
<td>3 / 4</td>
</tr>
<tr>
<td><strong>15. Overall Collapsed Ht.</strong></td>
<td>in mm</td>
<td>See Mast Chart</td>
</tr>
<tr>
<td><strong>16. Overall Extended Ht.</strong></td>
<td>in mm</td>
<td>See Mast Chart</td>
</tr>
<tr>
<td><strong>17. Inside Straddle Width</strong></td>
<td>in mm</td>
<td>34 - 50</td>
</tr>
<tr>
<td></td>
<td>In 1&quot; (25 mm) increments in mm</td>
<td></td>
</tr>
<tr>
<td><strong>18. Speed Travel</strong></td>
<td>Power Unit First (E/L) mph</td>
<td>8.0 / 7.2</td>
</tr>
<tr>
<td></td>
<td>Forks First (E/L) mph</td>
<td>6.8 / 5.7</td>
</tr>
<tr>
<td><strong>19. Speed Lift - AC†</strong></td>
<td>Empty fpm</td>
<td>158</td>
</tr>
<tr>
<td></td>
<td>1000 lb (455 kg) fpm</td>
<td>138</td>
</tr>
<tr>
<td></td>
<td>2000 lb (910 kg) fpm</td>
<td>118</td>
</tr>
<tr>
<td></td>
<td>3000 lb (1365 kg) fpm</td>
<td>101</td>
</tr>
<tr>
<td></td>
<td>3500 lb (1590 kg) fpm</td>
<td>94</td>
</tr>
<tr>
<td></td>
<td>4000 lb (1815 kg) fpm</td>
<td>na</td>
</tr>
<tr>
<td></td>
<td>4500 lb (2000 kg) fpm</td>
<td>na</td>
</tr>
<tr>
<td><strong>20. Speed Lower</strong></td>
<td>Empty/Loaded fpm</td>
<td>110 / 110</td>
</tr>
<tr>
<td><strong>21. Tires</strong></td>
<td>Size - Drive/Caster in mm</td>
<td>13 x 5.5 / 8 x 4</td>
</tr>
<tr>
<td><strong>22. Wheelbase (Standard Wheel)</strong></td>
<td>Comp’t “B” in mm</td>
<td>54.24</td>
</tr>
<tr>
<td></td>
<td>Comp’t “C” in mm</td>
<td>56.24</td>
</tr>
<tr>
<td></td>
<td>Comp’t “D” in mm</td>
<td>na</td>
</tr>
<tr>
<td></td>
<td>Comp’t “E” in mm</td>
<td>na</td>
</tr>
<tr>
<td><strong>23. Suspension</strong></td>
<td>Drive Articulated</td>
<td></td>
</tr>
<tr>
<td><strong>24. Brakes</strong></td>
<td>Drive Elec Release / Mech Applied</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Parking Elec Release / Mech Applied</td>
<td></td>
</tr>
<tr>
<td><strong>25. Battery Removal</strong></td>
<td>Both Sides</td>
<td></td>
</tr>
<tr>
<td><strong>26. Min Weight/Max Amp</strong></td>
<td>Comp’t “C” lb/amp kg/amp</td>
<td>1880 / 930</td>
</tr>
<tr>
<td></td>
<td>Comp’t “D” lb/amp kg/amp</td>
<td>na</td>
</tr>
<tr>
<td></td>
<td>Comp’t “E” lb/amp kg/amp</td>
<td>na</td>
</tr>
<tr>
<td><strong>27. Battery</strong></td>
<td>Comp’t “C” L x W x H in mm</td>
<td>38.38 x 16.25 x 31</td>
</tr>
<tr>
<td></td>
<td>Comp’t “D” L x W x H in mm</td>
<td>na</td>
</tr>
<tr>
<td></td>
<td>Comp’t “E” L x W x H in mm</td>
<td>na</td>
</tr>
</tbody>
</table>

* 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.
## RR 5700 Series Specifications

### Models RR 5715-35, 5715-40, 5725-35 and 5725-45

<table>
<thead>
<tr>
<th>Mast</th>
<th>Lift Height (RR 5715-35 and -40, 270&quot; Max)</th>
<th>TT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in mm</td>
<td>198 5025 210 5330 240 6095 270 6855 300 7620</td>
</tr>
<tr>
<td>Free Lift*</td>
<td>in mm</td>
<td>41 1040 47 1190 59 1495 71 1800 83 2105</td>
</tr>
<tr>
<td>Guard Height</td>
<td>in mm</td>
<td>89 2260 95 2415 95 2415 95 2415 95 2415</td>
</tr>
<tr>
<td>Overall Collapsed Height</td>
<td>in mm</td>
<td>89 2265 95 2415 107 2720 119 3025 131 3330</td>
</tr>
<tr>
<td>Overall Extended Height*</td>
<td>in mm</td>
<td>246 6250 258 6555 288 7315 318 8080 348 8840</td>
</tr>
<tr>
<td>Minimum Straddle OD</td>
<td>in mm</td>
<td>42 1065 42 1065 42 1065 42 1065 42 1065</td>
</tr>
</tbody>
</table>

### Weight

<table>
<thead>
<tr>
<th>Truck Weight w/o Battery</th>
<th>Battery Compartment</th>
</tr>
</thead>
<tbody>
<tr>
<td>RR 5715-35</td>
<td><strong>B</strong> lb kg</td>
</tr>
<tr>
<td>RR 5715-40</td>
<td><strong>B</strong> lb kg</td>
</tr>
<tr>
<td>RR 5725-35</td>
<td><strong>C</strong> lb kg</td>
</tr>
<tr>
<td>RR 5725-45</td>
<td><strong>C</strong> lb kg</td>
</tr>
<tr>
<td>RR 5725-45</td>
<td><strong>D</strong> lb kg</td>
</tr>
<tr>
<td>RR 5725-45</td>
<td><strong>E</strong> lb kg</td>
</tr>
</tbody>
</table>

### Model RR 5725-45

<table>
<thead>
<tr>
<th>Mast</th>
<th>Lift Height (RR 5715-35 and -40, 270&quot; Max)</th>
<th>TT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in mm</td>
<td>321 8150 341 8660 366 9295 400 10160</td>
</tr>
<tr>
<td>Free Lift*</td>
<td>in mm</td>
<td>92 2335 101 2565 112 2845 124 3150</td>
</tr>
<tr>
<td>Guard Height</td>
<td>in mm</td>
<td>95 2415 95 2415 95 2415 95 2415</td>
</tr>
<tr>
<td>Overall Collapsed Height</td>
<td>in mm</td>
<td>140 3560 149 3785 160 4060 172 4365</td>
</tr>
<tr>
<td>Overall Extended Height*</td>
<td>in mm</td>
<td>369 9375 389 9885 414 10520 448 11380</td>
</tr>
<tr>
<td>Minimum Straddle OD</td>
<td>in mm</td>
<td>42 1065 49 1245 50 1270 53 1345</td>
</tr>
</tbody>
</table>

### Weight

<table>
<thead>
<tr>
<th>Truck Weight w/o Battery</th>
<th>Battery Compartment</th>
</tr>
</thead>
<tbody>
<tr>
<td>RR 5725-45</td>
<td><strong>C</strong> lb kg</td>
</tr>
<tr>
<td>RR 5725-45</td>
<td><strong>D</strong> lb kg</td>
</tr>
<tr>
<td>RR 5725-45</td>
<td><strong>E</strong> lb kg</td>
</tr>
</tbody>
</table>

* With load backrest.

Note: Above 321" (8150 mm), 6" (150 mm) high load wheel standard.
**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**
1. Crown’s Access 1 2 3® Comprehensive System Control
2. 24 or 36 volt system
3. AC Traction System
4. AC Hydraulics with electronic power steering (RR 5715 has 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 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 mast
10. OnTrac Traction Control
11. Tandem articulating cross bars
12. 48" (1220 mm) high load backrest
13. Crown-manufactured side-shifter, 2" - 4" (50 - 100 mm) each way
14. Tilt 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 190º 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 (Not available on RR 5715)
4. Mast lift heights to 400" (10160 mm)
5. Lift limit with override
6. 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. 36º and 42º (915-1065 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. 24 ton travel speed monitor (faster than RR 5715 speed)
25. Tilt Assist® front steering
26. Forward Steering
27. Work Assist® Accessories:
   - Accessory tube
   - Accessory RF
   - Accessory mounting plate
   - Accessory RF mounting bracket
   - Accessory clamp adapter plate
   - Accessory clamp
   - Accessory clip pad
   - Accessory hook
   - Accessory clip pad and hook
   - Accessory pocket
28. InfoLink® Ready System
29. InfoLink for Windows® Ready System

**Technical Information**
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 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. (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.

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

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