RR 5700
SERIES

Specifications
Narrow-Aisle Reach Truck
S Class
* 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
#### S Class Specifications

<table>
<thead>
<tr>
<th>General Information</th>
<th>Imperial</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Manufacturer</strong></td>
<td>Crown Equipment Corporation</td>
<td></td>
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<tr>
<td><strong>Model</strong></td>
<td>RR 5795S</td>
<td></td>
</tr>
<tr>
<td><strong>Load Capacity</strong>*</td>
<td>Max 4500 lb</td>
<td>2000 kg</td>
</tr>
<tr>
<td><strong>Load Center</strong></td>
<td>Fork Face to Load CG in mm 24</td>
<td>600</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>36 Volts</td>
<td></td>
</tr>
<tr>
<td><strong>Operator Type</strong></td>
<td>Reach Sit / Stand</td>
<td></td>
</tr>
<tr>
<td><strong>Tire Type</strong></td>
<td>Load/Caster/Drive Poly / Poly / Poly</td>
<td></td>
</tr>
<tr>
<td><strong>Wheels (x = driven)</strong></td>
<td>Load/Power Unit 4 / 2 (1x)</td>
<td></td>
</tr>
<tr>
<td><strong>Mast Type</strong></td>
<td>High Visibility TT</td>
<td></td>
</tr>
<tr>
<td><strong>Lift Height</strong></td>
<td>in mm See Mast Chart</td>
<td></td>
</tr>
<tr>
<td><strong>Guard Height</strong></td>
<td>in mm See Mast Chart</td>
<td></td>
</tr>
<tr>
<td><strong>Forks</strong></td>
<td>Standard L x W x T in mm 36 x 4 x 1.75 915 x 102 x 45</td>
<td></td>
</tr>
<tr>
<td><strong>Optional Lengths</strong></td>
<td>in mm 30, 39, 42, 45, 48 760, 990, 1065, 1145, 1220</td>
<td></td>
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<tr>
<td><strong>Carriage</strong></td>
<td>Tilt F°/B° degree 3/4</td>
<td></td>
</tr>
<tr>
<td><strong>Headlength</strong></td>
<td>in mm</td>
<td></td>
</tr>
<tr>
<td><strong>Overall Collapsed Height</strong></td>
<td>in mm See Mast Chart</td>
<td></td>
</tr>
<tr>
<td><strong>Overall Extended Height</strong></td>
<td>in mm See Mast Chart</td>
<td></td>
</tr>
<tr>
<td><strong>Inside Straddle Width</strong></td>
<td>In 1&quot; (25 mm) increments in mm 34 - 50 860 -1270</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Performance</th>
<th>Imperial</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Speed Travel</strong></td>
<td>Power Unit First (E/L) mph kph 8.3 / 7.5 12.1 / 12.1</td>
<td></td>
</tr>
<tr>
<td><strong>Speed Lift - AC†</strong></td>
<td>Forks First (E/L) mph kph 6.9 / 6.2 11.0 / 10.0</td>
<td></td>
</tr>
<tr>
<td><strong>Speed Lower</strong></td>
<td>Empty/Loaded fpm mm/s 110 / 555 110 / 555</td>
<td></td>
</tr>
<tr>
<td><strong>Wheelbase (Standard Wheel)</strong></td>
<td>Comp’t “C” in mm 58.32 1480</td>
<td></td>
</tr>
<tr>
<td><strong>Suspension</strong></td>
<td>Drive Articulated</td>
<td></td>
</tr>
<tr>
<td><strong>Brakes</strong></td>
<td>Caster Articulated, Swivel</td>
<td></td>
</tr>
<tr>
<td><strong>Battery Removal</strong></td>
<td>Drive Side</td>
<td></td>
</tr>
<tr>
<td><strong>Min Weight/Max Amp</strong></td>
<td>Comp’t “C” lb/amp kg/amp 2000 / 930 910 / 930</td>
<td></td>
</tr>
<tr>
<td><strong>Max Battery Size</strong></td>
<td>Width is measured on the side of the battery with lifting hooks.</td>
<td></td>
</tr>
<tr>
<td><strong>Connector Location/Length (J)</strong></td>
<td>in mm 38.38 x 16.25 x 31 975 x 415 x 787</td>
<td></td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>Type Lead Acid</td>
<td></td>
</tr>
</tbody>
</table>

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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.
†† 442" (11225 mm) Lift Height.
# RR 5700 Series S Class Specifications

### Mast

<table>
<thead>
<tr>
<th>Lift Height</th>
<th>in mm</th>
<th>TT</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>198*</td>
<td>5025</td>
</tr>
<tr>
<td>Free Lift*</td>
<td>41</td>
<td>1040</td>
</tr>
<tr>
<td>Guard Height</td>
<td>89</td>
<td>2265</td>
</tr>
<tr>
<td>Overall Collapsed Height</td>
<td>89</td>
<td>2265</td>
</tr>
<tr>
<td>Overall Extended Height*</td>
<td>246</td>
<td>6250</td>
</tr>
</tbody>
</table>

### Weight

<table>
<thead>
<tr>
<th>Weight</th>
<th>lb</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>RR 5795S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;C&quot;</td>
<td>5984</td>
<td>2720</td>
</tr>
<tr>
<td>&quot;D&quot;</td>
<td>6034</td>
<td>2745</td>
</tr>
<tr>
<td>&quot;E&quot;</td>
<td>6089</td>
<td>2770</td>
</tr>
</tbody>
</table>

* With load backrest.

Note: Above 321" (8150 mm), 6" (150 mm) high load wheel standard.
**Capacity**
Model RR 5795S - 4,500 lb (2000 kg) at 24" (600 mm) load center, 36 volt

**Batteries**
Battery removal from left 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
   - Adjustable suspended seat, perch, backrest, and Multi-Task Control armrest
   - Adjustable steer tiller
   - Back support with integral hip support
   - Arm/elbow support padding
   - Padded compartment interior walls
   - Operator console with work surface and storage
   - Entry Bar™ safety switch
   - Suspended floor
   - 383 in² (2471 cm²) floor area
   - 178 in² (1148 cm²) upper footrest area
   - 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 190º steer arc
20. Key switch
21. Horn
22. Emergency power disconnected
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 442" (11225 mm)
5. Lift limit with override
6. Drive-in rack cylinder package
7. Drive-in rack mast Max Lift Height = 400" (10160 mm)
8. Chain slack kit
9. Bolt-on outrigger tips
10. Quick Change Bolt-on outrigger tips
11. Mesh screen mast guard
12. Battery retainer with interlock
13. 36" (915 mm) and 42" (1065 mm) high load backrests
14. Overhead guard mesh
15. Polished and tapered forks
16. Fork lengths
17. Work lights
18. LED flashing light
19. Floor Spotlight - Blue
20. Keyless on/off switch
21. Fan
22. Corrosion/freezer conditioning (freezer conditioning includes a 5/8" (16 mm) thick power unit skirt with extended coverage of the drive and caster tires)
23. ThermoAssist™ freezer comfort package (C", D" or "E" battery compartment)
24. Load wheel sizes and compounds
25. Forward Steering
26. 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
27. InfoLink® Ready System
28. InfoLink for Windows® Ready System

**Operator Compartment**
Soft, rounded surfaces make compartment interior more comfortable. Streamlined exterior smoothly entry/exit for the operator. A low floor height, 9.9" (251 mm), first greets the operator. A 385 in² (2471 cm²) floor and patented suspended floorboard provide comfortable footing.

All S Class reach trucks include an upper footrest area, 178 in² (1148 cm²) with smart foot interlocks and brake control. Using these large, exclusive footrests can improve operator comfort. From the standing position, the ability to lift either leg to a footrest can reduce fatigue which increases productivity.

The brake pedal design allows variable side-stance positions for the operator. The operator can change positions to increase comfort and productivity. The S Class model offers a superior level of flexibility for the operator with an adjustable suspended seat, perch, backrest, armrest, control handle and steer tiller. The combination of these features lets the operator move from a standing, leaning or seated driver position. The stress of standing can be relieved by sitting and the stresses of sitting can be relieved by standing. By changing postures and using different sets of muscles, significant ergonomic, physiological and orthopedic benefits may result.

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 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.

Clipped surface and console storage pockets are standard.

**Technical Information**

**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, access service history and set performance features. A distribution panel is conveniently located with all test points, control fuses and central wiring for easy troubleshooting.

Three modes of performances 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. An electronically-applied brake on the caster wheel works with the motor brake to provide good brake performance for the S Class truck.

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.

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