

**CROWN**

# C-5

1,800-3,000 kg Capacity

**IC Cushion Tyre**



# Everything You Expect Inside and Out

The Crown C-5 Series delivers:

- Strength and durability that comes with a rugged powertrain
- Enhanced operator productivity with an ergonomic compartment including seat and armrest options
- Reliability through a proven support network

## The C-5 Series



### Strength

With a true industrial powertrain and superior cooling, the new C-5 Series is designed to deliver.

### Productivity

From a refined operator compartment to lift truck features that help ensure dynamic stability, the C-5 Series is the lift truck of choice for total throughput.

### Support

Industry-leading warranties and dependable parts and service through Crown's global support network result in improved uptime, less maintenance and a longer vehicle lifespan.

Visit [crown.com](http://crown.com)

See the C-5 Series



# Industrial Where it Matters Most

The C-5 Series engine and powershift transaxle are designed to deliver industrial power and longevity.

## Crown 2.4 Litre LPG Engine

**70 Amp Alternator** provides ample energy to keep the battery charged and all accessories running.

**Cast Iron Cylinder Heads** provide up to 60 percent better heat resiliency over typical aluminum heads, reducing warpage.

**Heavy-Duty, Serpentine-Style Belt with Auto Tensioner** eliminates the need to manually adjust engine components to maintain tension, which prolongs belt and component life.

**Gear-Driven Valve Train** eliminates the stretching and maintenance that can occur with chains and belts used in typical gas engines.

**Engine Balancing** shafts virtually eliminate engine vibration, enabling smoother performance and greater operator comfort.

**Oil Cooler and 7.6-Litre Oil Capacity** helps reduce oil temperatures. These standard features help maintain oil viscosity, extending engine life and allowing 1,000 hour oil change intervals.

**1,000  
hour oil change**



## Dependable Powertrain

The powertrain is the heart of any lift truck and the C-5 Series is no exception. That's why Crown combines durable and robust components to create one of the most reliable powertrains in the industry.

### Larger Axle and Bearing Diameters

Extra large axles and bearings provide strength and durability for long truck life.

### Robust Cast Iron Housing

Rugged cast iron transmission and axle housings provide thermal and impact protection.

### High Temperature Seals

High temperature Viton seals and O-rings prolong life and avoid leaks for optimal component protection.

### Gear Driven Hydraulic Pump

The main hydraulic system pump is wet-gear driven, with gears that continually run in transmission fluid, to eliminate maintenance and extend pump life.

# Productivity Central

Crown has a long history of refining lift trucks and operator environments for safety and throughput, engineering more comfort and control into the new generation of the C-5 Series. The benefits are more productive workers along with increased visibility and safety.

## Operator Space

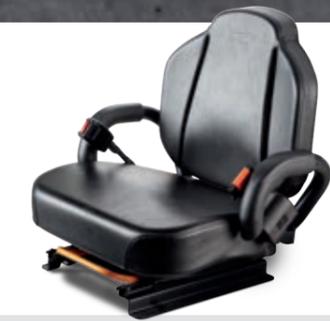
Operators benefit from exceptional work space with more room to move and controls well within reach.

## Braking

The wide pedal lets operators brake easily from multiple foot positions, which reduces fatigue over the course of the shift. When equipped with Crown's optional Power Brake System, the brake requires 53 percent less pedal effort and offers a one-touch electric park brake.

## Visibility

A low counterweight, high seat, forward operator position, slanted cross braces and open-mast design provide outstanding visibility for better views up, down and side to side.



### Crown FlexSeat™

- Wide, durable flexible seat for greater comfort
- Replaceable components for easy maintenance
- Inherent suspension absorbs shock and vibration

### Full-Suspension Seat (Optional)

- Adjustable backrest and lumbar support
- Operator weight adjustable
- Fore/aft adjustable



### Premium Power Air Suspension Seat (Optional)

- Heated seat and backrest
- Extended backrest



### Entry/Exit

The C-5 Series wide, angled step accommodates various operators. The contoured seat deck allows the operator's leg to drop naturally to the step when exiting.



# In Control

Crown applied decades of expertise to provide static and dynamic stability with the C-5 Series. The Crown Intrinsic Stability System™ combines engineering, manufacturing and integrated technology to proactively enhance safety and performance.

## Intrinsic Stability Features

### More Mass

Greater mass equates to added strength and confidence. Crown uses extra steel where it matters most to make the C-5 Series stronger and more stable.

### Tilt Interlock and Speed Control

Crown Access 1 2 3™ technology continually monitors the C-5 Series' degree of tilt, staging and travel speed to set a maximum allowable speed, helping reduce the possibility of a tip over.

### Dead-Engine Braking and Steering

C-5 Series lift trucks retain braking and steering functions if the engine shuts down unexpectedly.

### I-Beam Stability

The C-5 Series mast outperforms in all three strength ratings: longitudinal and lateral stiffness and torsional resistance. Handling heavy loads at height is no problem with the I-beam mast construction, which enables dependable performance at height for greater operator confidence and productivity.

### Hill Hold

Crown's hill hold feature keeps the lift truck in place while in gear on a hill, without requiring constant pressure on the brake pedal.

### eSmart™ Accurate Fuel Tracking

- Patented technology monitors fuel pressure and temperature
- Displays instantaneous average and total fuel usage
- Industry-leading fuel economy



### Crown D4 Armrest (Optional)

- Aligns operator arm to manual levers for easy all day operation
- Height and fore/aft adjustable
- Replaceable arm pad
- One-handed adjustment with position indicators



# Hot Problems Cool Solutions

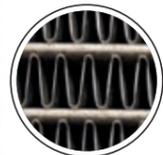
Overheating is one of the biggest threats to long powertrain life. Inefficient cooling can cause reduced performance, component damage or even total engine or transmission failure. That's why Crown developed an innovative system that cools more efficiently, increasing truck performance and extending powertrain life.

## Competitor Radiator

### Average is Not Enough

In an automotive radiator, transmission oil does not circulate across the radiator. Instead, it flows through a passive side tank.

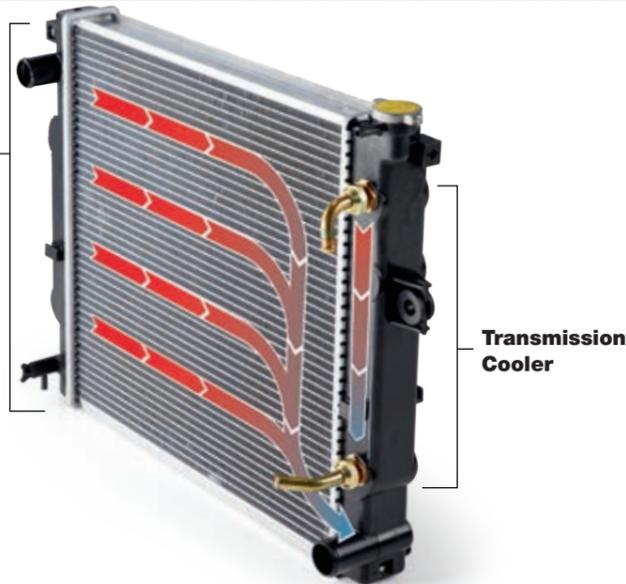
Without airflow, the transmission oil is affected by increasing engine temperature, dangerously raising overall powertrain temperature—especially in high duty-cycle applications.



**Engine Radiator**

#### Competitor Radiator Core

- Air flow is reduced by smaller fins that can easily get clogged or damaged, reducing efficiency
- Fluid temperatures run hotter, decreasing powertrain life
- Passive transmission cooler provides no airflow and less cooling efficiency
- Automotive style radiators are used to meet a lower price point



**Transmission Cooler**

## Crown Cooling System

### Twice the Cooling

Crown's standard Cooling System uses separate high-capacity radiators with dedicated airflow to lower both engine and transmission temperatures. The high capacity is obtained by larger side tanks that hold more fluid volume.

This protects long powertrain life.

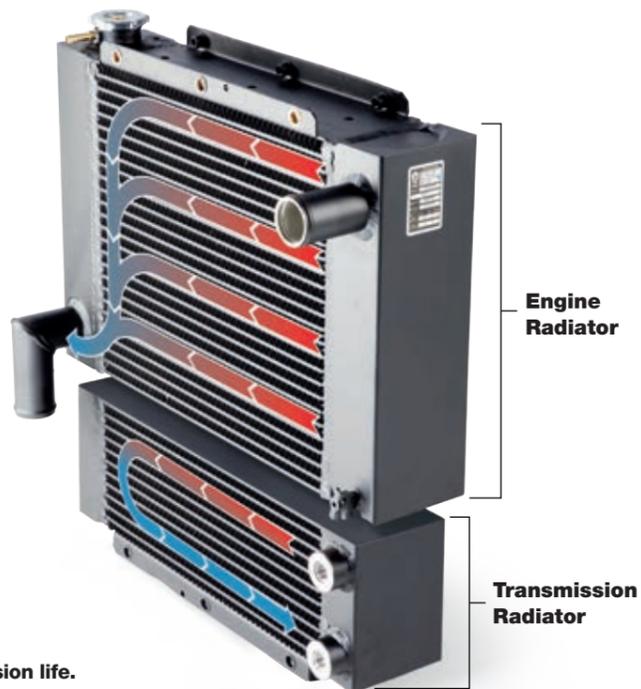


#### Radiator Core

- Durability of industrial fins reduces clogging and damage, improving air flow and efficiency
- Extra opening between fins helps prevent debris buildup
- Separate transmission radiator provides dedicated airflow and improved cooling
- Fluid temperatures run cooler, improving powertrain life

**-7°C**

Temperature reduction can significantly increase transmission life.



**Engine Radiator**

**Transmission Radiator**

**3 Year Radiator Warranty**



## On-Demand Cooling™

Robust Option for High-Debris and High-Heat Applications

Crown's On-Demand Cooling System (ODC) combines Crown's standard dual radiator (see left) with an independent hydraulic driven fan for optimum cooling and clearing of debris.



For **COOLING FLOW**, the fan speed changes automatically to better manage engine and transmission temperatures. The fan has the ability to operate 30 percent faster at idle than an engine-driven fan for more cooling capacity.

With **CLEARING FLOW**, the fan automatically reverses to clear debris from the radiator.

# Dependability You Can Count On

From the design of each component that contribute to overall truck performance and lifespan, to the factory-trained network of technicians located throughout the world, we offer confidence like no other.

Consider the durability of the Crown Power Brake System and the industry-leading three-year, 6,000-hour warranty offered on a range of critical truck components.

## Crown Power Brake

Crown's Power Brake System, standard on 2,700-3,000 kg capacity models and optional on 2,000-2,500 kg capacity models, delivers exclusive durability and performance advantages that virtually eliminate brake maintenance.



**93%**  
Less Maintenance

The Crown Power Brake is almost fully enclosed, keeping dirt and debris out and practically eliminating the need for maintenance.

**90%**  
Larger Brake Pad

Crown's full-circle friction disk brake is up to 90 percent larger than conventional drum brakes, resulting in one of the toughest, longest lasting brakes on the market.

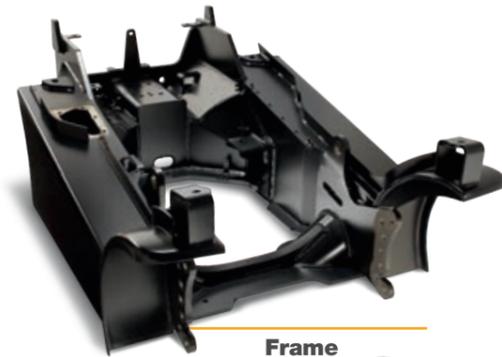
**3X**  
Longer Lifespan

Self-adjusting brakes last three times longer than typical brakes—up to 10,000 hours.

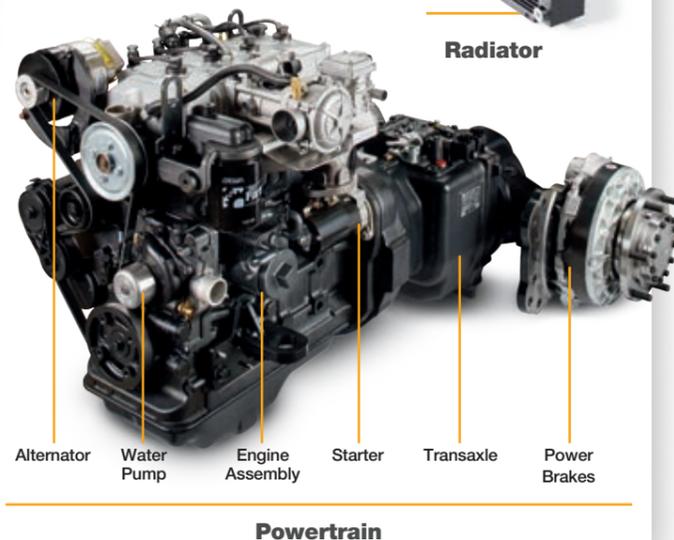
## Robust Warranty

Customers can rest assured that Crown trucks are ready to serve, delivering dependable performance and a low cost of ownership over a long, productive lifetime.

**3 Year** Warranty ▶ **6,000 hrs.**



**Access123™**  
Control Modules



## Crown's Proven Support Network

Crown support begins long before this truck leaves the factory. Our integrated approach to service provides the best user experience to our customers—before, during and after the sale.

### Safety and Training

Our comprehensive training programs for operators, supervisors, technicians—and even pedestrians—can help support your efforts to provide a safe and productive work environment. Our DP TrainSafe™ Train-the-Trainer programme offered locally can provide your organisation with tools to efficiently train new operators using your own resources. At our Regional Training Centers, DP Service Technician Training goes above and beyond traditional classroom training, allowing participants to work on lift trucks with instructor supervision.

### Integrity Parts and Service

Crown's forklift maintenance and repairs keep your equipment running—regardless of brand. From time and material to complete maintenance, our Integrity Service System offers a variety of service plans to suit your needs in the most efficient and cost-effective way. Our well-stocked, GPS-dispatched service vans ensure your service technician arrives with the right part at the right time.

### Fleet Management

InfoLink™ Operator and Fleet Management puts the power of accurate, on-demand business metrics at your fingertips. When robust data drives confident decisions, your organisation can achieve improved results in safety and compliance, higher productivity, lower costs and optimised operations. InfoLink Data Services can help create a solid foundation to help you achieve your goals and provide data integration and other consultative services to continue your journey.

**Put the C-5 Series to Work for You.**  
Contact your local Crown branch for a demonstration.

**Visit [crown.com](https://www.crown.com)**  
See the C-5 Series



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SF20177-006 11-19  
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