Cushion and Pneumatic Forklift Trucks
CG35S / CG40S / CG45S-5 & CG50C / CG55C-5
CGC35S / CGC40S / CGC45S-5 & CGC50C / CGC55C-5

3,500kg to 5,500kg Capacity
Field Proven and Endurance Tested... To Give You the Best Value Forklift in the Market.

The design, development and production of the CD/CG/CGC 45 series provides customers with:

- Optimised Operator Comfort & Safety
- Proven and Durable Components
- High Powered and Fuel efficient Diesel and LPG Engines for High Performance including
  - Low Emissions and Minimal Vibration
- Enhanced Maintenance and Serviceability
- Virtually Maintenance-free Oil Cooled Disc Brakes
- 2 Speed Autoshift Transmission
- Lift and Tilt Locking Hydraulic Control Valve
- OSS(Operator Sensing System)
- A Variety of Operator Friendly Features
Operator Comfort and Driver Efficiency is One of Crown’s Top Priorities

Crown forklifts are designed to keep your operation and operators running at peak efficiency. Enhanced comfort features ensure operators do not experience fatigue or strain during everyday operation.

Designed to be simple, and easily adjusted, this operator compartment will make your driver feel right at home.

- **High Visibility Overhead Guard and Front-end**
  Wider mast window, repositioned hydraulic hoses and flat bar style overhead guard optimizes operator sight lines forward, up and to the load.

- **Integrated Instrument Panel**
  The centralized and easy-to-read instrument panel maximizes operator efficiency. Fuel gauge, engine hour meter, engine oil pressure, coolant and transmission temperature, mast interlock, transmission neutral, seat belt, brake oil level indicator keeps operator ever aware of all vehicle performance systems.

- **Convenience Tray**
  Easily handles refreshments, paperwork, small tools, etc for operator efficiency.

- **Auto Tilt Leveling (Optional)**
  Easily returns mast to upright vertical position with the simple push of a button

- **Deluxe Suspension Seat with OSS (Operator Sensing System)**
  A comfortable deluxe suspension seat with OSS (Operator Sensing System), a large seatback angle, longer seat travel length and operator’s weight resistance on front side allow multiple adjustments for optimum seating comfort.
  - Parking alarm
  - Seat belt indicator
  - Neutral shift feature

- **Spacious Operator compartment**
  Wide open operator leg room, stepless tiltable steering column and ergonomically located operator pedals with a low cowl height facilitate ease of operation.
Crown’s Goal is to Make Your Material Handling Organization as Efficient and Reliable as Possible, by minimizing Down Time to Reduce Overall Maintenance Cost.

- **Oil-Cooled Disc Brakes (OCD)**
  Oil cooled disc brakes are available as an option on all DC/CE/455-series pneumatic and cushion forklifts and are especially recommended for applications in humid, abrasive or corrosive environments, or with ramp, loading and unloading applications. This enclosed brake system eliminates outside contamination, significantly extending brake life and decreasing maintenance costs. Oil cooled disc brakes have service intervals 5 times longer than conventional shoe brakes, and require little to no maintenance.

- **Power Reversal Transmission**
  Top mounted control valve on the transmission precisely modulates clutch oil pressure for smooth forward / reverse directional changes, permitting on-the-go shifting up to 5mph.

- **Hydrostatic Steering System**
  - No mechanical connections between steering wheel and steer axle for reduced maintenance.
  - Easy Access grease fittings for proper lubrication.
  - Sealed tapered roller bearings offer protection against contamination and in high impact applications.
  - Provides low effort steering with quick steering response.

- **Air Cleaner**
  A large capacity, dual element air cleaner permits long service intervals. The primary filter can be washed and re-used up to 5 times. A high air intake on the overhead guard is standard, and aids in drawing clean, cool air into the engine intake system.

- **Full Floating Drive Axle**
  Strong one-piece cast housing keeps axle components aligned. High tensile strength alloy steel axle shafts extends axle life while splined side gear & drive wheel hub gears transmit high torque to the drive wheels.

---

Minimized Maintenance, Easy Serviceability.

- **Tool - less Side Cover and Floor Plate facilitates Serviceability**

- **Integration of Electrical Components for Easy Maintenance**
  Fuse and relay box located in front of the engine simplifies servicing
High powered and fuel-efficient diesel and LPG engines provide high performance levels and insure long term power plant efficiency.

A Hallmark of Durability and Reliability

- **Doosan Infracore DB58S (91 HP)**
  This powerful 6-cylinder 5.8L diesel engine delivers excellent power to meet the needs of the most demanding applications. DB58S diesel engines comply with EPA emission regulations.

- **GM V6 4.3L (93 HP)**
  The well known, field proven 4.3L LP Gas engine has excellent durability. Low noise and minimal vibration features add to operators comfort.
Proven Quality, Responsive Service and A Reliable Partner...

After sales servicing of Crown forklifts is available from the selling dealership backed by Crown’s own customer service centre. And Crown provides 100% parts inventory to ensure any downtime is minimized.

When you own a Crown forklift, our high quality, responsive customer support team comes with it.

The Crown network starts with your local dealer and ends with a national team of highly qualified and experienced personnel standing ready to support all your material handling needs.

---

**Main Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>C335S-3</th>
<th>C440S-3</th>
<th>C445S-3</th>
<th>C550S-3</th>
<th>C555S-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Load Capacity</td>
<td>3,500</td>
<td>4,500</td>
<td>5,500</td>
<td>3,500</td>
<td>5,500</td>
</tr>
<tr>
<td>Load Centre</td>
<td>900</td>
<td>900</td>
<td>900</td>
<td>900</td>
<td>900</td>
</tr>
<tr>
<td>Overall Length to Fork Face L</td>
<td>3,380</td>
<td>3,415</td>
<td>3,485</td>
<td>3,380</td>
<td>3,380</td>
</tr>
<tr>
<td>Truck Overall Width W</td>
<td>1,213</td>
<td>1,213</td>
<td>1,213</td>
<td>1,213</td>
<td>1,213</td>
</tr>
<tr>
<td>Height of Overhead Guard H</td>
<td>2,335</td>
<td>2,335</td>
<td>2,335</td>
<td>2,335</td>
<td>2,335</td>
</tr>
<tr>
<td>Minimum Turning Radius R</td>
<td>2,770</td>
<td>2,805</td>
<td>2,885</td>
<td>2,770</td>
<td>2,770</td>
</tr>
<tr>
<td>Travel Speed, Loaded km/h</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>36</td>
</tr>
<tr>
<td>Lifting Speed, Loaded m/min</td>
<td>500</td>
<td>500</td>
<td>500</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>Wheel Base</td>
<td>2,500</td>
<td>2,500</td>
<td>2,500</td>
<td>2,500</td>
<td>2,500</td>
</tr>
<tr>
<td>Engine Models</td>
<td>GB58S</td>
<td>GB58S</td>
<td>GB58S</td>
<td>GB58S</td>
<td>GB58S</td>
</tr>
<tr>
<td>Rated Power of Engine kW/rpm</td>
<td>48/1,200</td>
<td>48/1,200</td>
<td>48/1,200</td>
<td>48/1,200</td>
<td>48/1,200</td>
</tr>
<tr>
<td>Displacements</td>
<td>5,785</td>
<td>5,785</td>
<td>5,785</td>
<td>5,785</td>
<td>5,785</td>
</tr>
</tbody>
</table>

---

**Option Availability**

- Fuel Cap with Key
- Pinch Roller
- Vertical Exhaust Tube
- Catalytic Muffler
- Modular Operator Cab

Air Conditioner
- Non Marking Tires
- Spark Arrestor Cab
- Power Tilt and Tilt Locking Hydraulic Control Valve

Auto Tilt leveling
- Rear Grab Bar with Horn
- Hydraulic Accelerator

- Integral Side Shifting Fork Positioner
- UL, LPS, OS Rating

**Displacements**

- 6,304 m³
- 6,994 m³
- 6,994 m³