



CROWN

Pneumatic Diesel Forklift Trucks

CD110 / CD130 / CD160S-5

11,000kg to 16,000kg Capacity

PRO5
SERIES

PRO5
SERIES



CD110 / CD130 / CD160S-5
11,000 kg, 13,000 kg, 16,000 kg
Diesel, Pneumatic Tire



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CROWN

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TOUGH, PRODUCTIVE AND GOOD LOOKIN' TO !

That's the complete package you'll get with our new CD110-CD160 pneumatic family.

The design team has pulled out all the stops to give customers the most ROBUST and DURABLE machines in our forklift product line-up.

These powerful pneumatics with their INCREASED CAPACITY can handle the toughest tasks in the most demanding applications with SPEED, POWER and EFFICIENCY.

- Powerful and Efficient Doosan Diesel Engines
 - DL06(5.9Liter) for Euro Stage
 - DE08TS(8.1Liter) for Euro Stage
 - 103 kW(138HP) for CD110/130
 - 118 kW(158HP) for CD160
- Full Air Actuated Brake System
 - Service Brake
 - Parking Brake
- Integrated Operator Instrument Panel
- Pilot Actuated Hydraulic Control Valve and Levers
- Low Emission Engine
- Optional Tilttable Operator Compartment with or without Cab
- Electrically Controlled Full Autoshift Transmission
- Rugged Planetary Drive Axle



OPERATORS ON THE JOB WILL FEEL RIGHT AT HOME

..... THANKS TO ALL THE COMFORT AND CONVENIENCE FEATURES
IN OUR HUMAN ENGINEERED OPERATOR COMPARTMENT

CD110/130/160S-5 series comes equipped with our optimized operator comfort systems. The combination of a spacious operator compartment with a variety of operational enhancements will boost productivity in any application. Operators can efficiently control and monitor the truck operational status at a glance from their seated position.

Operator friendly features include:

- **Spacious Operator compartment**

Wide operator leg room, tiltable steering column and ergonomically located operator pedals with a low cowl height facilitate ease of operation.

- **Optional Deluxe Operator Cab**

The all round visibility and deluxe operator cab is newly designed for maximum comfort.

Highly visible front, top glass, side slide windows and numerous options will make operators feel right at home on the job.

- **Deluxe Suspension Seat**

Full suspension deluxe seat with 6 directional adjustments keeps operators fresh and productive throughout the shift.

- **Integrated Instrument Panel**

The centralized and integrated easy-to-read instrument panel maximizes operator efficiency. Fuel gauge, engine hour meter, air pressure gauge, engine oil pressure, coolant and transmission temperature gauge keeps operator aware of all vehicle performance systems

- **Pilot Actuated Hydraulic Control Valve and levers**

The minimal valve throw provides smooth and responsive hydraulics for superb operator control.

- **Wide Foot Steps and Grab Bar**

Wide and large open foot steps with anti-skid surface and a conveniently positioned overhead guard pillar grab bar provide effortless entry and exit.

- **Built in Air conditioning Duct and Grills (with Optional Operator Cab)**

Positioned for maximum comfort in any environment.



**MINIMISED MAINTENANCE,
EASY SERVICEABILITY!**

**A HALLMARK OF DURABILITY, RELIABILITY AND
SERVICEABILITY**

Crown forklift trucks are designed with longevity in mind. A Crown truck has specific design elements that enhance the reliability of its parts for decreased wear and tear and increased endurance. Count on the reliability of a Crown forklift truck for peace of mind allowing you to concentrate on aspects of your business besides material handling

● **A Planetary Type Drive Axle**

Planetary drive axle assembly with steel housing features hardened load-bearing spindles and full-floating axle shafts with positive oil flow to all gears and bearings, four-pin, hypoid differential and radically floating sun and ring gear.



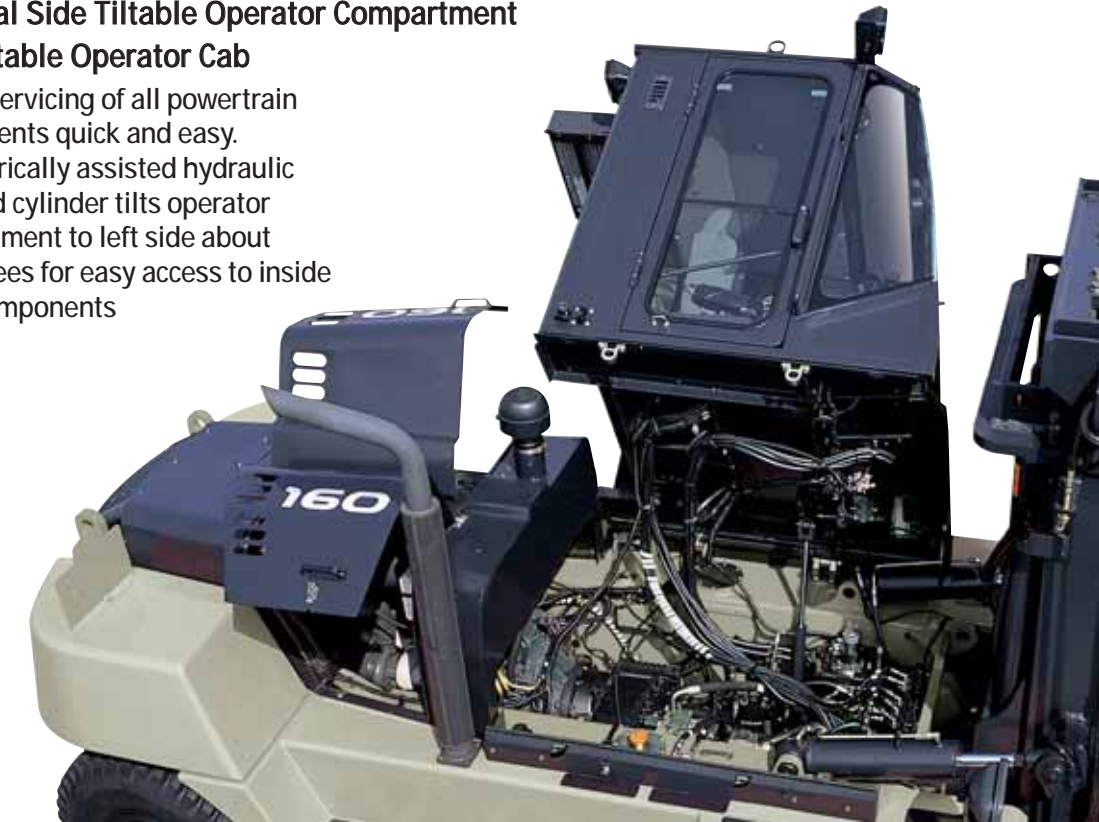
● **Pre-Cleaner and Dual Element Air Cleaner**

Heavy duty air cleaning system extends engine service life and allows clean, cool air into the engine intake system.



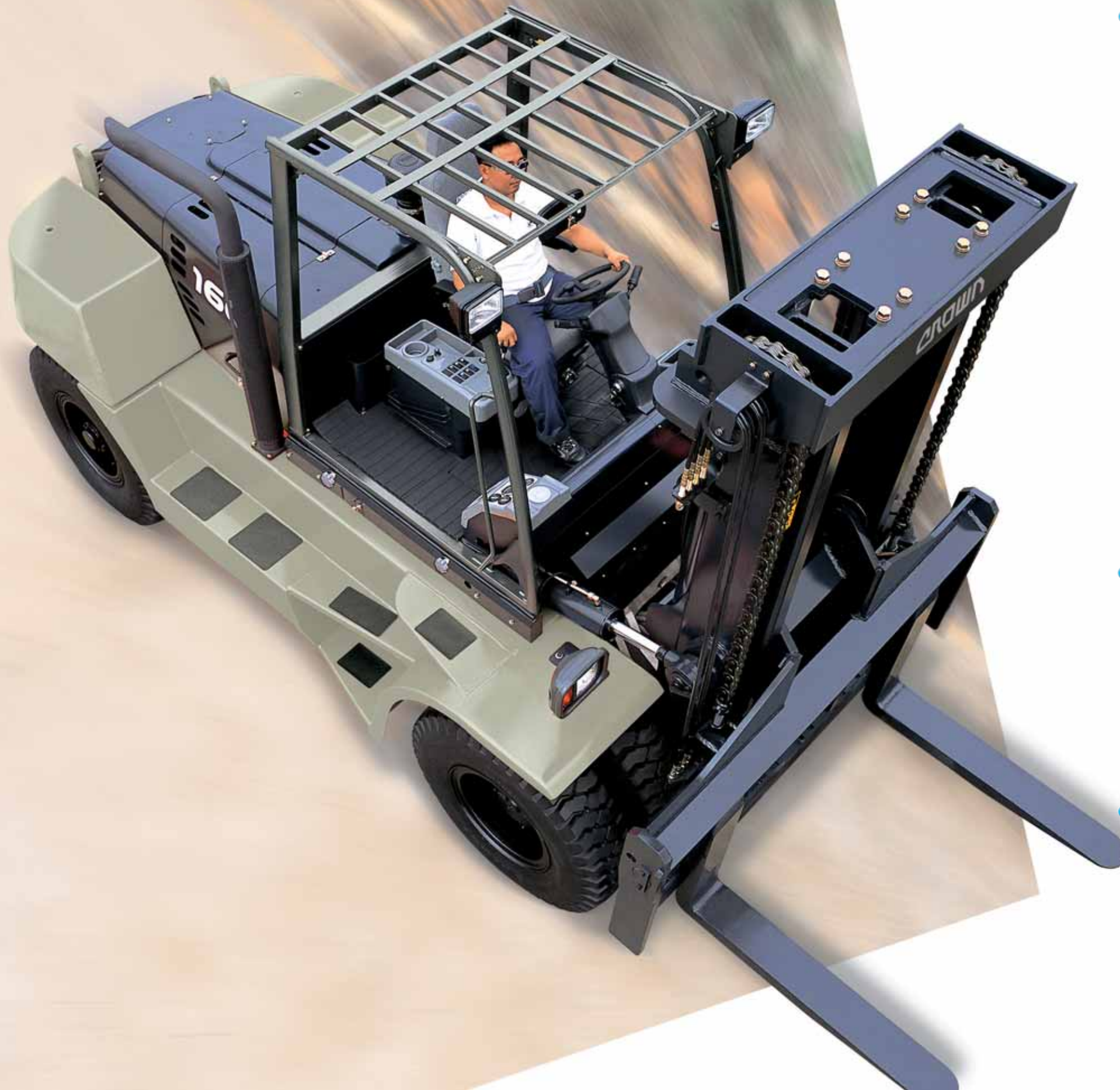
● **Optional Side Tiltable Operator Compartment and Tiltable Operator Cab**

makes servicing of all powertrain components quick and easy. An electrically assisted hydraulic actuated cylinder tilts operator compartment to left side about 65 degrees for easy access to inside truck components



one touch tilting cabin switch

**TOUGH, PROVEN AND RELIABLE COMPONENTS....
GUARANTEE EFFICIENT AND PRODUCTIVE OPERATION**



**WE'VE COMBINED POWER WITH EFFICIENCY TO
GIVE YOU THE MOST PRODUCTIVE TRUCK IN THIS
PRODUCT RANGE.**

● **Low emission, High power and Fuel Efficient 5.9 Liter Diesel Engine**

Doosan DL06 turbo-intercooler (air cooled) diesel engine complies with EPA Tier III and Euro Stage 3 emission regulations. The electric governed engine control system provides high performance and low fuel consumption rates for excellent economical operation. Six cylinders, Common Rail Direct Injection, full range electrical governor and a heavy duty fuel filter with water separator, all add up to a powerful and efficient power plant.



● **High Powered Turbo charger Doosan DE08TS 8.1 Liter Diesel Engine**

Doosan DE08TS, turbo charger diesel engine, is low emission engine to meet Euro Stage-2 and EPA Tier- emission regulation. Six Cylinders, Direct injection, In-line vertical, Overhead 2 valves system, Bosch in-line multi injection holes, Full range mechanical governor, 24 volt electrical system, Ventilated 61-Amp Alternator, Enclosed positive 6.0kw starter, Dual-element air cleaner, Spin-on oil filter, Heavy duty fuel filter with water separator.



● **Fully Electric controlled Autoshift Transmission**

Provides electronic inching enabling even massive loads to be moved with great precision. Fully capable of shifting under power, soft gear shifting is achieved with 3 forward and 3 reverse gears. Maintenance requirements and service life are greatly enhanced.



● **Hydraulic Motor Driven Remote Cooling Fan**

A large capacity cooling fan driven by a remote hydraulic motor effectively manages operating temperatures to enhance engine wear and productive capacity.



