



**Sales and  
Service  
India**

# Cummins ReCon<sup>®</sup> & Rebuild Engines

Dependable Every<sup>™</sup> Time



**A**t Cummins, we place our Customers first. Our commitment to the success of our Customer's business makes us what we are – A Dependable Power Leader.

One of the key concerns of any business today is operational downtime which causes loss in revenue generation directly affecting the profit margins. To address the challenge of reducing downtime in the eventuality of an engine failure, Cummins offers ReCon engines. Cummins also offers certified Rebuilds that restore every part of your engine back to original conditions. Cummins is the only authorized remanufacturer and rebuilder of Cummins engines which makes these engines cost effective, of excellent quality and genuine.

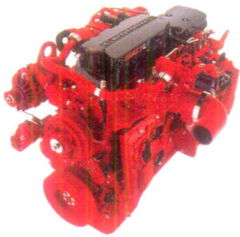
The High Horsepower(HHP) Rebuild Center is a fully automated facility, equipped with world class equipments and highly trained technicians that help ensure highest levels of quality in all products. The first of its kind assembly line, state-of-the-art cleaning technology combined with sophisticated inspection procedures, ensure quality and dependability, Every™ Time. Automated test beds check that every part is restored to Cummins factory specifications or has been replaced with Cummins genuine new parts.

The facility has the capacity to handle 900 high horse power engines and 600 medium range/heavy duty engines per annum ensuring round the year availability.



# Our product range

Horsepower range : 45 HP to 2700 HP  
Displacement range : 3.3L to 60L



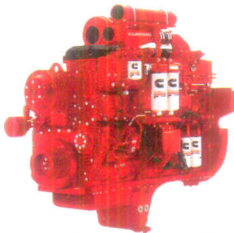
## 6.7B

- Applications- Automobiles, excavators, cranes etc.
- Capacity - 6.7 litres
- Range- MR



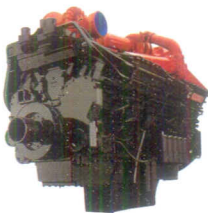
## N14

- Applications- Gensets, excavators, dumpers etc.
- Capacity- 14 litres
- Range- HD



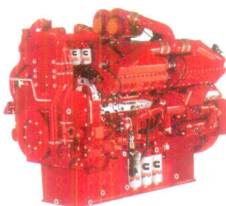
## QSK23

- Applications- Gensets, excavators, dumpers etc.
- Capacity- 23 litres
- Range- HHP



## K2000

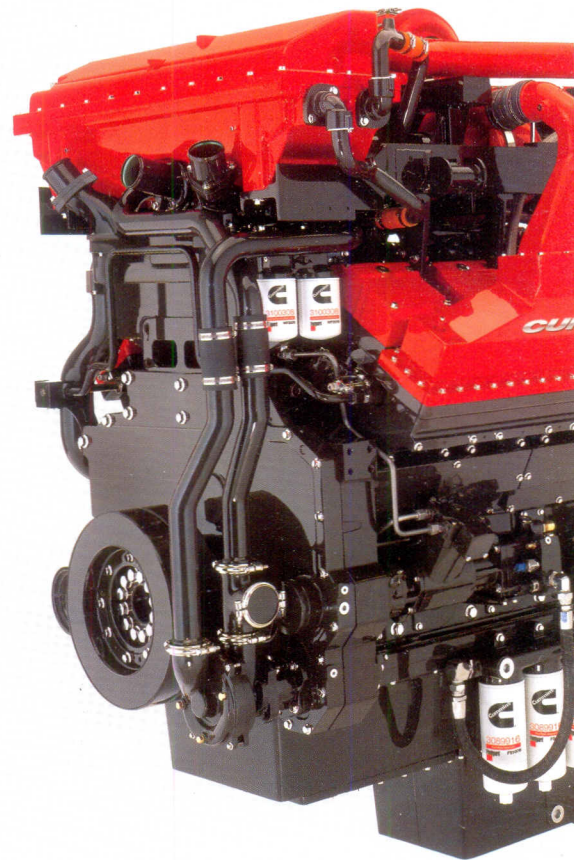
- Application- Excavators, dumpers etc.
- Capacity- 50 litres
- Range- HHP



## QSK45

- Applications- Dumpers, gensets, excavators etc.
- Capacity- 45 litres
- Range- HHP

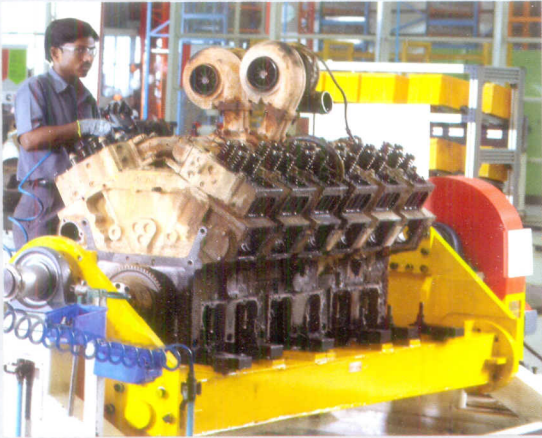
The benefits of ReCon and rebuilt engines are plenty; the most significant being cost advantages, product quality and immediate availability. Cummins ReCon engines are readily available with easy exchange terms and can be replaced at Customer's site, without loss of valuable operation time.



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# 6 steps

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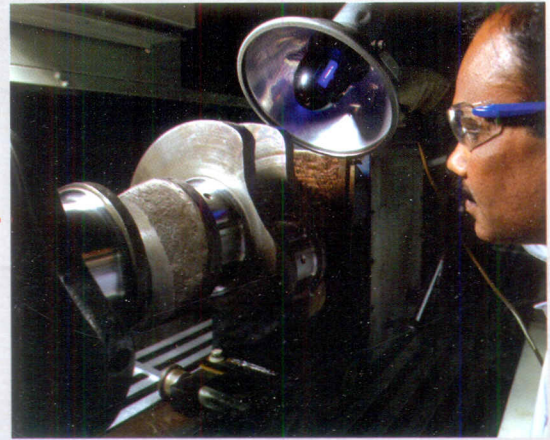
## Tear Down

Every core is disassembled down to the last nut and bolt using automatic equipments like pneumatic impact wrenches, turnover devices etc. The parts are sorted and unsalvageable parts are removed while salvageable parts are routed to cleaning.



## Cleaning

Components are individually cleaned using the latest automated non-abrasive cleaning methods which ensure zero damage to the metal while all debris in the engine is removed. This guarantees that every component meets quality standards for reuse in the process.



## Inspection

Stringent quality assurance processes are followed to verify that the engine meets its original factory specifications. Hence each part is inspected using sophisticated systems; for example magnetic particle inspection detects cracks invisible to the naked eye, failing this test, the part is scrapped.

Every engine that comes to our HHP Rebuild Center goes through a 6-step process that ensures it performs 'as good as new' before being shipped to our customers.



### Testing

Every engine goes through a series of rigorous quality tests which include testing of horse power, torque and 25 other vital functions. The testing equipment at our rebuild center uses same technology and equipment that tests new Cummins engines. The engines are then coated with environment proofing and painted as per application or customer requirements.



### Components

The out of specification parts are re-machined on precision equipment to eliminate human error, assuring consistent quality and dimensional accuracy with every part. Production tolerances are measured using electronic gauging to achieve unprecedented accuracy. All gauging on the shop floor is monitored in our sophisticated gauge and electronic lab ensuring precise calibration.



### Re-assembly

The engine is re-assembled using new and ReCon parts on a computer controlled conveyor line which uses sophisticated systems like nut runners, manipulators etc. Critical wear parts such as pistons, rings, bearings, bushings, seals, filters and gaskets are replaced with genuine Cummins new parts. The engine is built on a first-of-its-kind rebuild assembly line overseen by factory-trained technicians with 150 thorough quality checks.

### Maximizing Value with ReCon

Choosing a ReCon engine offers customers multiple advantages that make it a great value package. Minimized downtime in operations and great cost advantage viz-a-viz new products are two very compelling advantages that make ReCon products favourable. This in addition to the dependable product quality, Cummins warranty and service support go a long way in increasing profitability for the Customer. ReCon products further reinforce our commitment to preserving our environment.

#### Quicker uptime



ReCon engine being readily available can be installed at the Customer site at the time of removal of customer's engine, lowering the operation downtime.

#### Quality - Reliable and durable product



Cummins technological superiority, skilled workforce, capabilities offered by state-of-the-art facilities and world class equipments make its ReCon and rebuilt engines perform as good as new.

#### Value for money



Cummins delivers value for our customers. It offers a high quality, cost-effective means of extending the life of the customer's Cummins-powered equipment by providing as good as new performing engine for a lesser cost with quality that is equivalent to a new engine.

### No indirect costs



The cost benefits to the Customer are several with ReCon engines - cut down on revenue loss during downtime, cost of hiring swing engines, maintenance and holding charges of float engines.

### Cummins Warranty



Cummins offers best-in-class warranty across the country which includes 100% parts, labor and progressive damage for a minimum of 1 year.

### Cummins Service Support



Our service support is backed by an extensive dealer network spread across 200 locations, 21 area offices and a 24 x 7 service backup ensuring quicker uptime.

### Environment-friendly



Remanufacturing uses 85% less energy than manufacturing new products. Cummins maximizes the salvaging of the components reducing the usage of the new parts and reducing the strain to our environment. Cummins is committed to the environment with remanufacturing.



### **Voice of our Customer**

Cummins supplies ReCon Engines to a renowned Collieries Company for their equipment used in mining applications. Recently the company carried out a comparative study of life of a ReCon engine v/s new engine. The study revealed that ReCon engines give up to 94% of the new engine life, a fact that strongly establishes the good quality, durability and dependability of Cummins ReCon engines, verified by the Customer.

### **Contact us**

Contact your local Cummins Authorized Dealer for more information or contact us at :  
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Toll Free no.:18002332000  
For additional information, please visit [www.cumminsindia.com](http://www.cumminsindia.com) or mail us at [reconsales@cummins.com](mailto:reconsales@cummins.com)

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