

## Diesel Engine Cutaway Model Motor Operated

LT-QCC020

### 1. Product overview:

The equipment is based on the Great Wall 2.8TC or equivalent electronically controlled high-pressure common rail diesel engine, and is made by anatomical process. It is suitable for the teaching needs of engine structure theory and maintenance training in middle and higher vocational and technical colleges, general education colleges and training institutions.

### 2. Main components:

Anatomically processed engine, geared motor, geared motor controller, movable stand, stand power main switch, universal caster with locking, etc.

### . Technical parameters:

- ✚ Dimensions: 1000\*800\*1200mm (length×width×height)/Customized
- ✚ Working power: 220±10V, 50HZ
- ✚ Displacement: 2000cc
- ✚ Valves: OHV (Over Head Valve)
- ✚ Ignition system: Glow plug with indirect injection
- ✚ Bore: 81.5mm
- ✚ Stroke: 95.8mm
- ✚ Compression ratio: 9.5:1
- ✚ Motor : Power source-220v/380v. 50Hz. 1.5 HP,
- ✚ Cooling system: Liquid cooled with radiator
- ✚ Built in flywheel guard and radiator guard for safety. 5 litre fuel tank with fuel pump
- ✚ Exhaust manifold and silencer
- ✚ Instrument panel consist of key ignition switch, oil pressure gauge, water temperature
- ✚ Efficiency increased by reducing in charge
- ✚ No noise, low Consumption
- ✚ Rings with a light skirt and coated with LFA

#### Basic configuration:

- ✚ Anatomical engine assembly Great Wall 2.8TC/equivalent set 1
- ✚ Transmission gear set 1
- ✚ single-phase geared motor power 300W set 1
- ✚ Drive mechanism (with safety cover) set 1
- ✚ Earth leakage protection switch set 1
- ✚ Motor governor 1
- ✚ Mobile platform (with self-locking caster device) 1000×800×600mm(L×W×H) 1

#### Training courses:

1. Function introduction of main components of the engine:
2. Demonstration of the work principle and process of the engine;



**Note:** The Picture pattern just for references may change

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