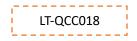


# Auto Gear Model



# **Product introduction:**

This product is a cut-away of an automatic transmission with front wheel drive. It has been carefully sectioned for training purposes, and professionally painted to help differentiate between parts. Many parts have been chromium plated and galvanized for a longer life. An exploded/cut-away view of the hydraulic circuit is provided to better show its various ducts and valves. This transmission is operated manually and is mounted on a stand with wheels. which is helpful for students to understand the real object.

## **SPECIFICATIONS:**

- 4 It will be on stand with wheel and operated manually
- Dry single-plate clutch with spring and diaphragm
- will be operated through a hand wheel.
- The clutch will be operated mechanically by means of a foot pedal for training purposes.
- 📥 FWD
- 4 forward speeds + reverse
- 4 Casing
- **4** Torque converter
- \rm **O**il pump
- **4** Stationary plate clutch
- **4** Rotary Plate clutch
- Flanetary gear train
- Hydraulic circuit valve
- 4 Centrifugal regulator
- **Wounted on stand with wheels**
- ♣ Operated manually

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Note: The Picture pattern just for references may change

### Technical parameter

- ↓ Power supply: AC 220v. 50Hz,
- Size: 90cm x 60cm x 100cm (L x W x H) or customized
- ↓ Net Weight: 60 kg
- \rm Gross Weight: 85 kg

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**Equipped with:** Mobile stand with test panel, Ignition switch, High/low pressure gauge, Air conditioning controller, Evaporator assembly, Air compressor, Expansion valve, Dryer, dry bottle, condenser, assembly , cooling fan, A/C switch ,blower switch ,stack pluggable cable, supporting disassembly tools, bottle opener ,ring, thermometer brake discs, Suction & Discharge pipe with fittings

### Main features

- The drive motor is used as the engine to drive the automatic transmission and can make the transmission shin the gear automatically by adjusting the speed through Use frequency converter,
- The start can be observed through the gear position Indicator.
- 4 The oil pressure variation at each gear can be observed by the pressure gauge.
- 4 The circuit principal diagram of the automatic transmission is printed on the bench panel.
- Fault can be Set to simula1c the failure of the automatic transmission.

### Training courses

- **4** Function introduction of main components of the automatic transmission;
- Demonstration1onstration of the work principal and process of the automatic transmission;
- 4 Measurement of the signals of the sensors and actuators by multi meter or oscilloscope;
- Fault set and troubleshooting.

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