



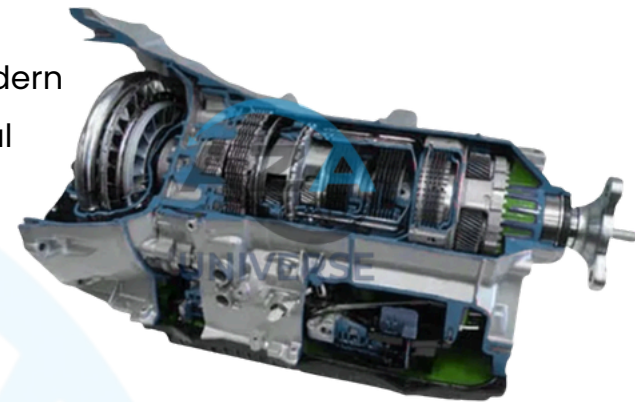
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CUT MODEL OF AUTOMATIC TRANSMISSION SYSTEM AZA1249

The AZA1249 Cut Model of Automatic Transmission System is a precision-engineered automotive educational trainer designed to demonstrate the construction, operation, and working principles of a hydraulic automatic transmission system used in modern passenger vehicles. Developed using a full-size original automotive automatic transmission assembly, the trainer provides students and technicians with a realistic and hands-on understanding of:

- Torque converter operation
- Planetary gear systems
- Hydraulic control circuits
- Clutch engagement mechanisms
- Automatic gear shifting principles
- Power transmission flow

The transmission assembly is carefully sectioned, polished, and color-coded to expose all major internal components, allowing clear visualization of gear engagement, hydraulic actuation, and rotational power flow.



Mounted on a robust tubular steel frame with wheels, the AZA1249 is ideal for:

- Automotive engineering laboratories
- Polytechnic and diploma institutes
- ITI and vocational training centers
- Automotive service technician training
- Classroom demonstrations and workshop instruction



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Key Features

Real Automotive Automatic Transmission

- Manufactured from an original vehicle transmission system

Fully Sectioned & Color-Coded Construction

- Clear visualization of internal operation

Manual Hand-Crank Operation

- Safe and controlled demonstrations

Complete Torque Converter Display

- Visible fluid coupling mechanism

Planetary Gear Train Demonstration

- Real-time gear engagement visualization

Hydraulic Circuit Exposure

- Clear display of oil passages and control systems

Corrosion-Resistant Surface Treatment

- Chromium plating and galvanization for durability

Mobile Tubular Steel Frame

- Easy movement within classrooms and workshops

Classroom-Friendly Educational Design

- Ideal for group instruction and practical demonstrations



UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1249
System Type	Hydraulic Automatic Transmission Cut Model
Original System	Full-Size Car Automatic Transmission
Torque Converter	Included
Gear Configuration	5 Forward Speeds + Reverse
Clutches	Multiple-Plate Clutches
Operation Method	Manual Hand Crank
Frame Type	Tubular Steel Frame with Wheels
Surface Treatment	Chromium Plated, Galvanized & Color Painted
Dimensions (L × W × H)	750 × 550 × 700 mm
Weight	Approx. 110 kg