CUT MODEL OF AGRICULTURAL TRACTOR AZA1254

The AZA1254 Cut Model of Agricultural Tractor by AZA LAB is a highly detailed and precision-engineered educational training model developed to provide a clear and practical understanding of agricultural tractor construction, internal mechanisms, and working principles.

Specifically designed for engineering colleges, ITIs, polytechnic institutes, agricultural universities, and vocational training centers, this model offers an authentic representation of tractor systems and operation.

Manufactured using an actual agricultural tractor assembly, the AZA1254 is carefully sectioned to expose all major mechanical and functional systems. Each component is accurately cut, polished, and color-coded, enabling learners to visually trace power flow, understand system integration, and study component functionality in real time.

The model is ideal for classroom demonstrations, laboratory instruction, and practical technical training.

EXPOSED SYSTEMS & COMPONENTS

1. ENGINE ASSEMBLY

- Cylinder block
- Cylinder head
- Crankcase
- Crankshaft mechanism
- Oil pump and lubrication passages

2. FUEL & AIR SYSTEMS

- Fuel supply system
- Air intake system
- Exhaust system

3. COOLING SYSTEM

- Cooling passages
- Coolant flow pathways

4. POWER TRANSMISSION SYSTEM

- Clutch assembly
- Gearbox
- Transmission system
- Final drive
- Rear axle

5. CHASSIS & DRIVE SYSTEM

- Engine-to-chassis drive arrangement
- Structural frame layout

All systems are finished in distinct contrasting colors for quick identification and improved instructional clarity.

AZA LAB UNIVERSE

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1254
Make	AZA LAB
Type	Actual Cut Sectional Agricultural Tractor Model
Operation	Manual (Crank Handle Operated)
Construction	Fully dissectible, color-coded components
Mounted Frame	Heavy-duty iron frame
Stand Finish	Powder coated
Exposed Components	Cylinder block, cylinder head, crankcase, oil pump, fuel system, cooling system, air intake, exhaust system, clutch, gearbox, transmission, final drive, rear axle, engine/chassis drive
Educational Accessories	Key card and instructional literature
Dimensions (L × W × H)	2200 × 1200 × 1400 mm
Weight	Approx. 650 kg