

CUTAWAY CONTINUOUSLY VARIABLE TRANSMISSION (CVT)

DESCRIPTION

The Consulab EC-1102 cutaway demonstrates the internal operation of a continuously variable transmission (CVT) and allows the student to visualize and safely actuate the belt and pulley system. The belt and pulley system and gear ratio shifting are controlled using pneumatic valves and an electric motor. The cutaway model includes the following parts:

- Variable input driving pulley;
- Output driven pulley;
- High-power metal V-shaped belt;
- Gear-ratio control buttons;
- Air intake connector;
- ON/OFF switch;
- Variable high/low gear valve; and,
- Reverse valve.

The belt-and-pulley system and gear ratio shifting are operated through air valves and an electric motor. Panic button, safety guard and user's manual included. Motor requires 110/220V AC, 60/50 Hz.

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