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**Product Name :**  
Mechanical Drive Systems

**Product Code :**  
LBNY-0005-1140004



#### **Description :**

Mechanical Systems 2 Learning System teaches vital industrial skills including how to design, install, operate, and analyze basic mechanical transmission systems using components like chains, v-belts, spur gears, bearings, shafts, and couplings. Mechanical Systems 2 Learning System teaches the fundamentals of mechanical transmission systems used in areas such as industrial, agricultural, and mobile applications. Common real-world applications of mechanical transmission systems include drive shafts on cars and air compressors.

The Mechanical Systems 2 Learning System features a variety of real-world mechanical components such as a 1/3 Hp constant speed motor, v-belt, roller chain, and a digital tachometer. In addition to hands-on skill building, learners study the mathematical theory behind mechanical applications such as calculating mechanical power, mechanical efficiency, and the shaft speed and torque of a belt drive system. Learners use these components to practice hands-on skills such as mounting a motor to a work surface, assembling a v-belt and roller chain drive systems, and measuring motor speed.

#### **Features:**

Rigid Work Surface for Precision Alignment  
Interactive Multimedia  
Prony Brake for Testing Load  
Mechanical Guard Assembly.

#### **Technical Specification :**

Mechanical Drive Systems



**Laboratory Instrument India**