



**Product name:**  
Mechanical Comprehensive Training System

**Product code:**  
CIVIL-TAS-129-0001



## Description

Mechanical Comprehensive Training System

## Technical specification

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Coupling module1

Seal module

Coupling module 2

clutch and brake modules

The lubrication module

3D virtual simulation software: The software features mechanical principles and design practices (DLSoft-Mts software of mechanical principle and design practice). The software includes a variety of pulleys, sprockets, gears, belts, ball screw bearings, clutches and brakes and other modules. Each module has automatic entry, manual disassembly, run display and other respective functions.

### Overview of the mechanical comprehensive training system

These training sets use a desktop structure, and industrial grade components. The training device can complete training for the belt drive, chain drive, gear drive, lubrication, shaft concentricity adjustment, bearings, ball screws, gaskets and seals, clutches and brakes.

Training sets include various pulleys, sprockets, gears, belts, single-row and multi-row transmission chains, and a variety of coupling, clutches, bearings, ball screws, and other modules. It also includes the industrial structure components that are widely used in industrial production, and feature a full range, modular design, and easy, flexible usage.

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### Technical parameters of the mechanical comprehensive training system

Input power: single-phase, three-wire AC 220V±10% 50Hz/60Hz, three-phase, five-wire AC 380V±10% 50Hz/60Hz

Work environment: temperature -10? ~ 40? Relative humidity? 85% (25?) elevation? 4000m

Total dimension: about 1845×700×1700mm

Safety protection: leakage voltage and leakage current protection, security in line with national standards

### Optional components of the mechanical comprehensive training system

Prony Braking Module

Bearing module 1

Bearing module 2

Ball screw and linear bearing module