

STUDY SET OF A MODEL ENGINE

REFERENCE : EZ513



Non contractual photo

SERVICE :

**DIMENSIONS : EX513-1 : 300 X 220 X 200
MM / EX513-2 (DELIVERED IN A
BRIEFCASE) : 380 X 300 X 80 MM
WEIGHT : EX513-1 : 2 KG / EX513-2 : 2 KG**

The modeling engine is an ideal tool to help students understand the concepts of kinematics. Mounted on a support, the model engine EX513-1 is equipped with a protractor 360 ° and a comparator for the study of the connecting rod - crank system. A software for simulating the operation of the engine enables the simulation of the mechanism and the study of the links. With the exploding model motor EX513-2 and 3D CAD files, the student visualizes the realization and discovers the technological choices of the manufacturer.

Technical specifications :

Proposed TP Themes :

- Study of the geometrical shape of surfaces and constituent volumes of a room
- 3D CAD
- Kinematic links
- Transformation of movement: connecting rod - crank

Composition :

- Model Mount Engine with Protractor and Comparator EX513-1
- Exploded Model Engine EX513-2
- CD Rom: study of a model engine EX518-7
- CD Rom with educational and technical resources (3D - SW)