

## MODEL ENGINE EXPLODED



*Non contractual photo*

**SERVICE :**

**DIMENSIONS : 380 X 300 X 80 MM**

**WEIGHT : 2KG**

**REFERENCE : EX513-2**

With the exploding model motor and the 3D CAD files, the student visualizes the realization of a mechanism and discovers the manufacturer's technological choices. The simulation software allows the simulation of the modeling engine and the study of connections. It lists the components, identifies the geometric shape of the surfaces and the volumes of the parts, and defines the connections between subsets.

### Technical specifications :

#### Proposed TP Themes :

- Kinematic links
- Transformation of movement: crank-rod
- 3D CAD

#### Composition :

- 2-stroke model motor in spare parts
- CD Rom: study of a model engine EX518-7
- CD Rom with educational and technical resources (3D - SW)