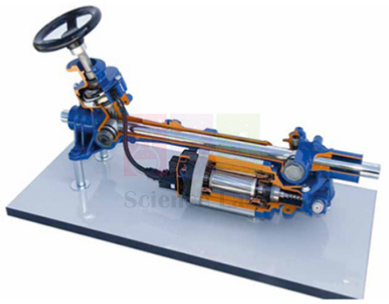
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**Product Name :**

Cut Model Of Rack And Pinion Steering

**Product Code :**

SLE/MCE/64



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## Description :

**Cut Model Of Rack And Pinion Steering** (Product Code: SLE/MCE/64) is a sectioned steering-system model used to show how turning the steering is converted into side-to-side movement of the rack, in automotive training classrooms and workshops. Besides the rack type steering box, it carries a hydraulic pump, an oil tank with filter and connecting pipes, so the power-assist circuit can be traced as well. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of engineering lab equipment in India, at its own factory in Ambala.

### Specifications

| Parameter | Detail |
|---|---|
| Steering type | Rack and pinion, rack type steering box |
| Hydraulic components | Hydraulic pump; oil tank with relevant filter; connecting pipes |
| Operation | Manual, by crank handle |
| Mounting | Tubular frame, on base |
| Finish | Imported colour paint with Miracle coating for gloss and shine; hardware and gears electroplated |
| Dimensions | 1000 × 600 × 550 mm |
| Weight | 25 kg (approx.) |
| Product code | SLE/MCE/64 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

### What Is the Rack and Pinion Steering Model Used For?

When the crank is turned, the pinion rolls along the toothed rack and slides it sideways — the same motion that pushes the tie rods and swings the front wheels of a car. The hydraulic pump, oil tank and pipes show students where the power-assist fluid circulates, which prepares them for inspecting and fault-finding on real steering systems.

The model fits motor vehicle mechanic trades, diploma and degree automobile courses, and any institute building a chassis section with lab equipment for technical institutes. At about 25 kg and 1000 mm long, it can stand on a bench facing the class so everyone sees the rack move.

### OEM Manufacturer

The Cut Model Of Rack And Pinion Steering is made by ScienceLab — the trading name of Jain Scientific Equipments Private Limited — as the OEM (original equipment manufacturer). Production takes place at the company's own licensed factory at Saha, Ambala, Haryana, India, so your enquiry reaches the maker directly instead of passing through a trader. Institutions, dealers and importers can place repeat orders or ask about replacement parts with the same team

Rela