CEREST
Ingénierie Industrielle - Machines spéciales



Plastic can spacer system

on conveyor belt

● **Mechanische Studien** ● **Realisierungen** ○ **Verkabelung** ○ **Steuerungen**

This spacer system is installed on a conveyor line just before a labelling machine.

Its function is **to space plastic can between them**. They can be of different sizes.

The spacer consists of **two side conveyors with roughened belts**, sandwiching the cans.

These belts are mounted on a dynamic floor **to absorb small variations of can widths** and **maintain grip pressure**.

Each motor drives the roughing belt at a **different speed** to the horizontal conveyor. The speed can be adjusted to obtain a **controlled spacing**.

The two side conveyors are each mounted on a **Y/Z cross table**, so that they can be **approached** and/or **raised.**

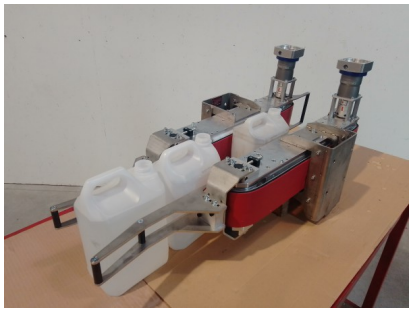
These adjustments are made using 4 handwheels.

SPECIFICATIONS :

- **Plastic can volume admitted : 5L to 20L**
- **Main size : 1125x320x200mm**
- **Conveyor speed : 5 m/min to 10 m/min**







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