MONOSEM is a French family company of 200 people specialized in the production of planters and cultivators. 65% of production is exported to 80 countries including through its U.S. subsidiary, MONOSEM Inc., located in Kansas City.

Starting in the early '50s, the company developed a range of cultivators.

### SCD Cultivator

For hoeing beets, Monosem offers the SCD range of cultivators:
- 6 rows (45/50)
- 12 rows (45/50)
- 18 rows (45/50)

These hoes are available with different frames:
- rigid,
- rigid with integrated transport carriage
- Hydraulic folding

### Guiding systems

For hoeing sugar beets, four guidance systems are available:
- Self-guiding System
- Front-Mounted
- Automatic Guiding with Track
- RTK Auto guiding
**Self-guiding System:**
On the self-guiding cultivators, the guiding is done by the stabilizer disc coulters. These coulters thus enable the cultivator to follow the tractor perfectly. This simple and economical system is suited to all crops.

**Front-Mounted:**
The tractors equipped with a front hitch can use a front-mounted cultivator. These cultivators enable the driver to cultivate very close to the crop due to excellent visibility. They also offer a better driving comfort. These cultivators are equipped with front land wheels.

**Automatic Guiding with track:**
The automatic guided cultivator has a precise and reliable guiding system no matter the stage of development of the crop. A tracing disc placed on the planter (or during the first cultivating passage) traces a mark in the soil. This trace is taken up when cultivating by a wheel which operates the detectors. The detectors control the hydraulic unit linked to the lining up cylinders in order to ensure cultivating as near as possible to the crop.

**RTK Auto guiding:**
With the development of auto guiding system, it is now possible to guide a cultivator. The tractor gets the guide made at planting and provides guidance to the cultivator. This system requires no guidance system on the hoe.
Equipment for SCD cultivator unit

Cultivator accessories:
- Localized Fertilizing
- Localized Herbicide
  (According to the country)