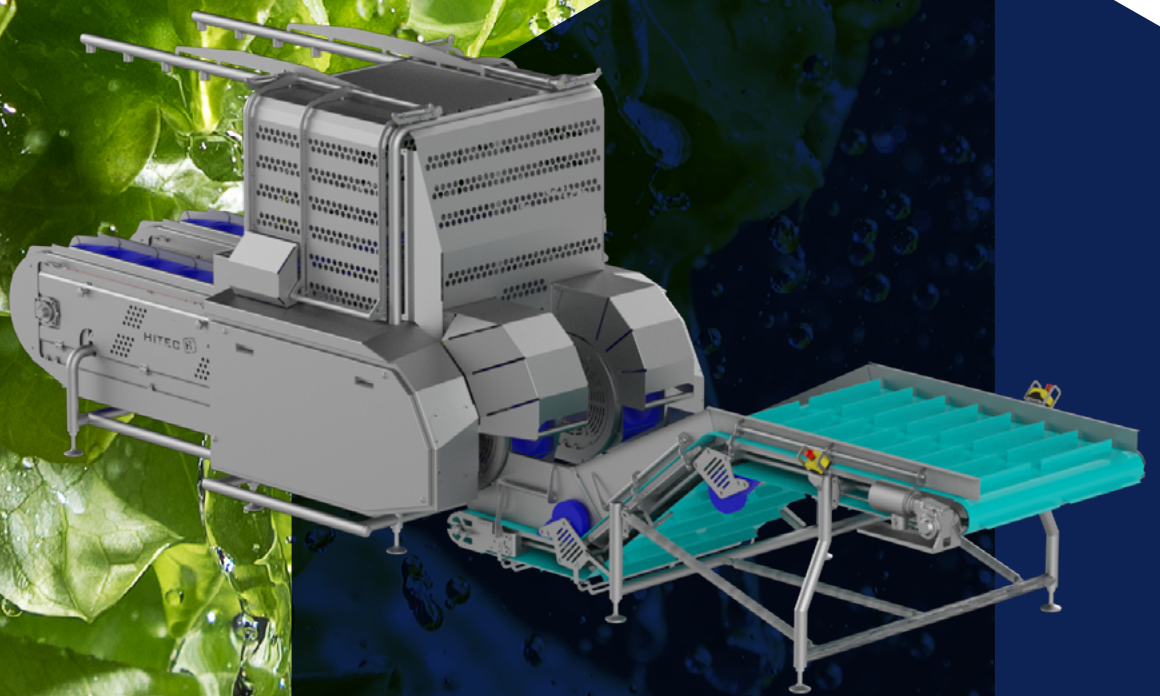


Vegetable processing systems



DCMtwin1

Vegetable processing

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DCMtwin1

The HiTec DCM (DeCore Machine) TWIN ensures a fast, efficient but gently removal of the core of the product in an automated way.



Technical specification (TWIN):

▪ Voltage	:	400 V, 50 Hz, 3 Ph
▪ Electricity consumption	:	5,8kW
▪ Air pressure	:	Min 6 bar Max. 8 bar / Dry Air (min. Ø 10mm)
▪ Air consumption:	:	At 7 bar: 2x 1200 Ltr. a/h
▪ Capacity	:	Up to 100 pieces, 50 pieces per lane per minute, depending on product,.
▪ Capacity	:	Up to 80 pieces, 40 pieces per lane with dividing knife
▪ Bearings	:	Stainless Steel bearings on the turning points.
▪ Length x height x wide	:	3850 x 2150 x 1.815 x 2273mm
▪ Input height:	:	870 - 1040mm
▪ Output height:	:	650 - 820mm
▪ Weight	:	+/- 2000 kg

Easy de-core products such as Iceberg salad, butterhead salad e.t.c., lettuce and leafy vegetables as well as making floret's from Broccoli, Cauliflower etc.

The machine is entirely constructed of stainless steel (304) and food grade products, with exception of some special parts. Switch to different products is easily achieved by quick release systems and program selection at the PLC touch screen. The cutting heads are also equipped with a quick release for easy product switch. Switching heads takes approximately 1 minute.

A simple HMI gives clear instructions to the operator to help them with the program changes necessary when switching to other products. The Machine is controlled by Siemens PLC via touch-screen.

The DCM series are easy to clean and easily accessible for maintenance. An additional cutting / dividing unit is placed behind the cutting / de-coring head. This allows the product to be divided into 2,4,6,8 pieces depending on which dividing knife is used. This cutting unit is equipped with quick release, allowing different units to be changed quickly and easily when required.

Our standard versions includes:

- Adjustable feet
- Waste-belt integrated in the machine
- Stainless steel control cabinet with HMI touch screen and emergency stop
- 2 x 2 Cutting heads with quick release for easy product change
- 2 x 2 Dividing knives with quick release for easy product change
- Round materials are used whenever possible

Also in our standard versions:

- Automatic height measuring and depth cutting control
- Modem and Remote control

Control of the cutting heads and the lane actuator are driven by a dual servo control.

The machine is designed according to the European safety standards. The machine is equipped with interlocked safety, a CIP System is integrated.

incl. options height measurements modem en CIP.