

DECANTER CENTRIFUGES & PLANTS FOR SOLID/LIQUID SEPARATION



EXTRACTING VEGETABLE OILS WITH HILLER DECANTERS

Centrifuge technology for extracting vegetable oils

HILLER decanters have been successfully used for more than 50 years for the extraction of high quality olive oil. In Spain, as well as in Greece and Portugal, three of the most important EU countries in olive oil production, HILLER is among the market leaders in the sector

Gentle processing thanks to special rotor geometries and low oxygen content

The extraction of olive oil using decanters is a fully automated process, and

thanks to the enclosed system there is minimal oxygen contact. The special rotor geometry ensures particularly high quality oil that preserves all the valuable substances in the olives.

Changeover from 3-phase to 2-phase operation with no reduction in capacity

Simple conversion - with no reduction in capacity from the standard 3-phase process - to the modern HILLER 2-phase DecaPress process can be implemented at any time.

In addition to the exceptionally high quality of the oil, the yield plays an especially important role

The HILLER decanter sets the highest standards, representing a further reason for its success in the industry. International references in the olive oil industry reflect both the first class functioning of the technology as well as the excellent level of service that HILLER offers its customers. For HILLER it stands to reason that fault-free operation must be guaranteed during the season.

HILLER OLIVE OIL DECANTER

HILLER offers a wide range of technologies for extracting the individual phases:

- Weir disks
- Adjustable tube - nozzles
- Skimming disk

HILLER decanters - made-to-measure decanters for every application:

- Screw diameter of 450 to 760 mm
- Outputs of 3,000 kg/h to 50,000 kg/h
- Diameter/length ratio of 1 : 3 to 1 : 4.5
- Stainless steel model



DRIVE UNITS

HILLER decanters - various models for generating differential speeds - external bowl / conveyor screws:

- via hydraulics
- via FSG-drive

VARIOUS OPTIONS

HILLER decanters are also used for extracting and clarifying other vegetable oils, such as:

- Rapeseed oil
- Avocado oil
- Palm oil

HILLER TURNKEY DECANTER PLANT

