

# HILLER DecaTec



## INDIVIDUAL SOLUTIONS FOR DEMANDING SEPARATION TASKS.

HILLER has more than 50 years of experience in the development and production of decanter centrifuges and plants for solid-liquid separation. The decanters have been used in a wide range of industries for a long time, from food to environmental technology & sewage treatment, mining and tunneling technology, the chemical and pharmaceutical industries, and for the extraction and processing of oil and gas.

The new DecaTec series is based on decades of experience in our various industries, combined with the aspiration to create a model without compromises, especially for the high demands of the industry.

The DecaTec can be flexibly adapted to suit the customer's needs, as it is equipped with individual features as required and manufactured in our production facilities in Vilsbiburg, Germany.

### VERSATILE

- 2- and 3-phase separation
- High temperature design
- Gas-tight construction
- Hygienic design
- Corrosion prevention by design

You will be delighted by a  
solution tailored to your needs.



## ADVANTAGES

- Fixed or adjustable peeling disc during operation
- Processing of high-temperature products
- Processing of toxic and highly oxidizing products
- Tailor-made solutions
- Maximum corrosion resistance
- Special design with the highest surface quality, gap-free design, highest sealing resistance possible
- Maximal possible hygiene level
- Inertisation, focussing on minimum nitrogen consumption and differential pressure monitoring
- Gas-tight design for overpressure operation
- Processing of products up to temperature class T3 which form an explosive atmosphere
- Installation in ATEX ZONE 1 and 2 possible
- Reduction of the ATEX ZONE within the decanter by three zones
- Maximal yield and solids dryness
- Focus on production stability thanks to the use of the highest quality components

## A COMPLETE SOLUTION

It is important to us to provide our customers not just with a decanter as the core of a process, but with a complete solution for their task. Hiller GmbH undertakes all of the engineering, tailored to the customer requirements and wishes.

From installation planning to the project engineering of all necessary individual components, from electrical engineering to the overall planning of process-orientated customer solutions. In this way, we guarantee our customers safe and economical operation of their plant with a complete solution from a single source.



## PROCESS APPROACH

- Highest qualitative and quantitative separation
- Maximal yield and solids dryness
- Clear cut-off for 2-phase and 3-phase separation
- Operational safety
- Cone angle adapted to the requirements
- Closed circuit via the peeling disc (airtight, emission-reducing, faster control and no foaming)
- Pre-programmed parameter sets for different products and quick automatic adjustment to product fluctuations

**FOR EVERY CHALLENGE ONE PRINCIPLE: PRECISION.**

