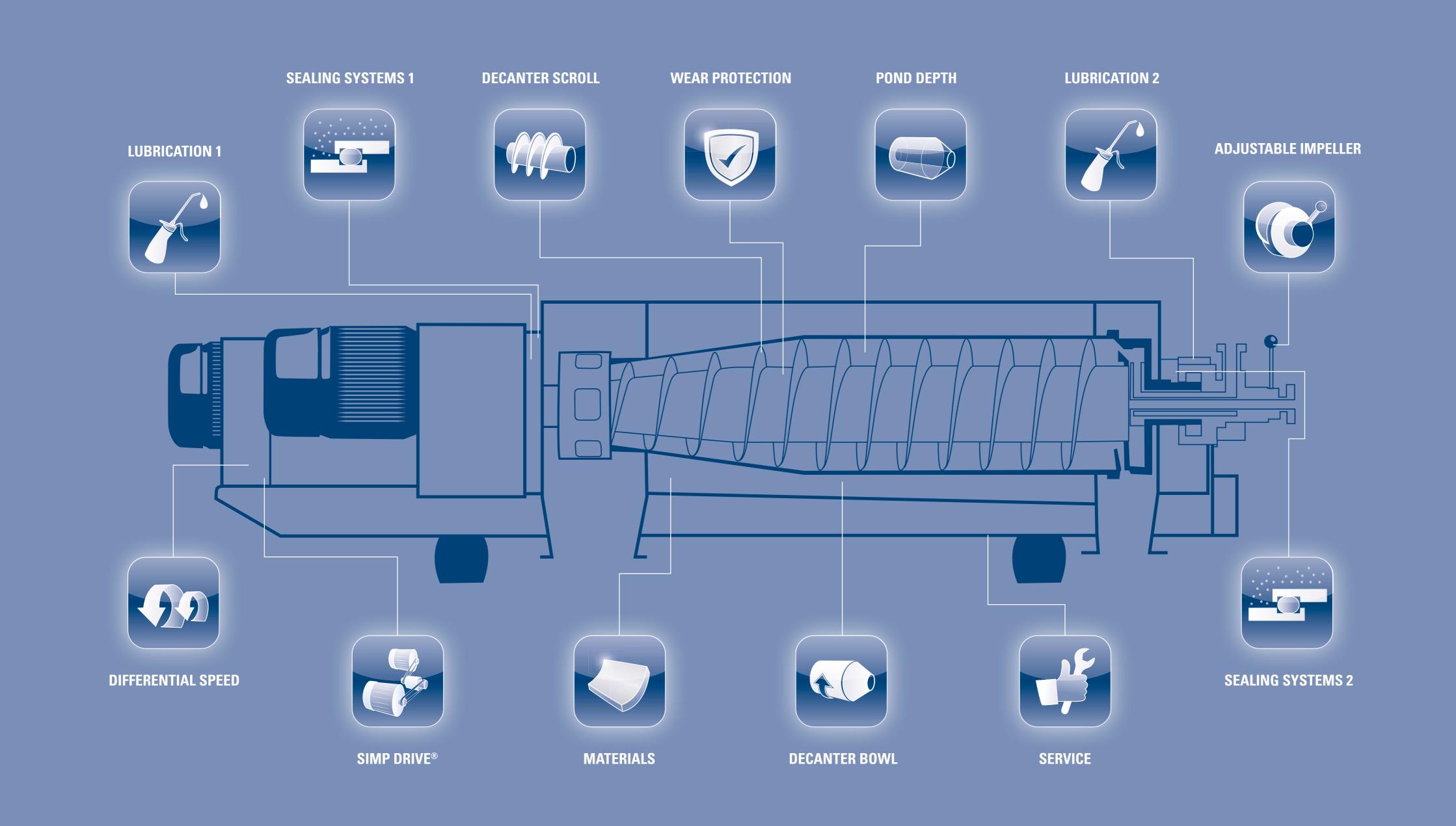


Engineered For Your Success



...and Customer Benefits of the Tricanter®



LUBRICATION

- Clever designs
- Always clean oil on the bearing
- Minimal oil consumption
- Maximum protection of process due to consistent and precise lubrication



SEALING SYSTEMS

- Individual adaptation of the decanter centrifuge depending on the field of application
- No risk of explosion due to the avoidance of giving off undesirable product emissions to the surrounding area
- Possibility of processing toxic, hazardous or acid products



DECANTER SCROLL

- Especially made decanter scroll for highest performance
- A large "choice" of variations due to decades of experience
- Individual adaptation of the decanter scroll for long-term customer satisfaction



WEAR PROTECTION

- High resistance to wear of the decanter centrifuge
- Longer service life of the decanter
- Reduced costs, because only wearing parts are renewed



POND DEPTH

- The pond depth makes it possible for solids to be dewatered to a greater extent, which makes for an improved product result
- Improved clarifying performance, for improved total dry solids in the solid
- Possibility for directly influencing the separation performance by changing the pond depth; optimisation of the separation process
- Optimum adaptation to customers' requirements in order to achieve the best possible result



ADJUSTABLE IMPELLER

- The variable impeller can be adjusted during ongoing operation
- Optimum adaptation to changed conditions
 (product property in the feed)
- Perfect separating properties are achieved, for an optimum product result
- Exact and variable setting of the pond depth is possible by changing the weir disc diameter
- Automation is possible



DIFFERENTIAL SPEED

- The differential speed makes it possible to keep the solid in the bowl for the ideal length of time
- Optimum dewatering with fluctuating feed conditions
- Optimum setting of the total dry solids that can be achieved
- Protection against overload and blockage
- Variably adjustable differential speed in order to be able to react to an extremely wide range of requirements (product properties in the feed)



SIMP DRIVE®

- High efficiency due to consistently high dry substance value
 (DS = the higher this value, the dryer the
- High throughput performance due to high bowl speed and precisely adjusted differential speed

separated solid)

- Simple display and regulation of the scroll torque including overload protection
- The scroll speed and differential speed can be controlled easily, because they are independent from one another



MATERIALS

- Depending on the application, Flottweg offers the appropriate materials for your centrifuge
- Increased durability of the decanter centrifuge, even when confronted by aggressive media (acids, alkalis and cleaning agents)
- Maximum product quality during the entire process
- Improved stability of the decanter centrifuge



DECANTER BOWL

- The most varied applications demand different geometries from the decanter bowl. Flat cone, steep cone, diameter, outfeed diameter, extremely different length conditions:
- Due to modular design Flottweg can always offer the correct decanter bowl that is precisely matched to customers' requirements.
- SERVICE
- Repairs by qualified specialists and technicians
- Longer machine service life
- Minimised risk of the system/machine failing
- Improved process efficiency
- Expert and experienced employees are at your side
- All necessary spare parts are still available even decades later (30 years and more)