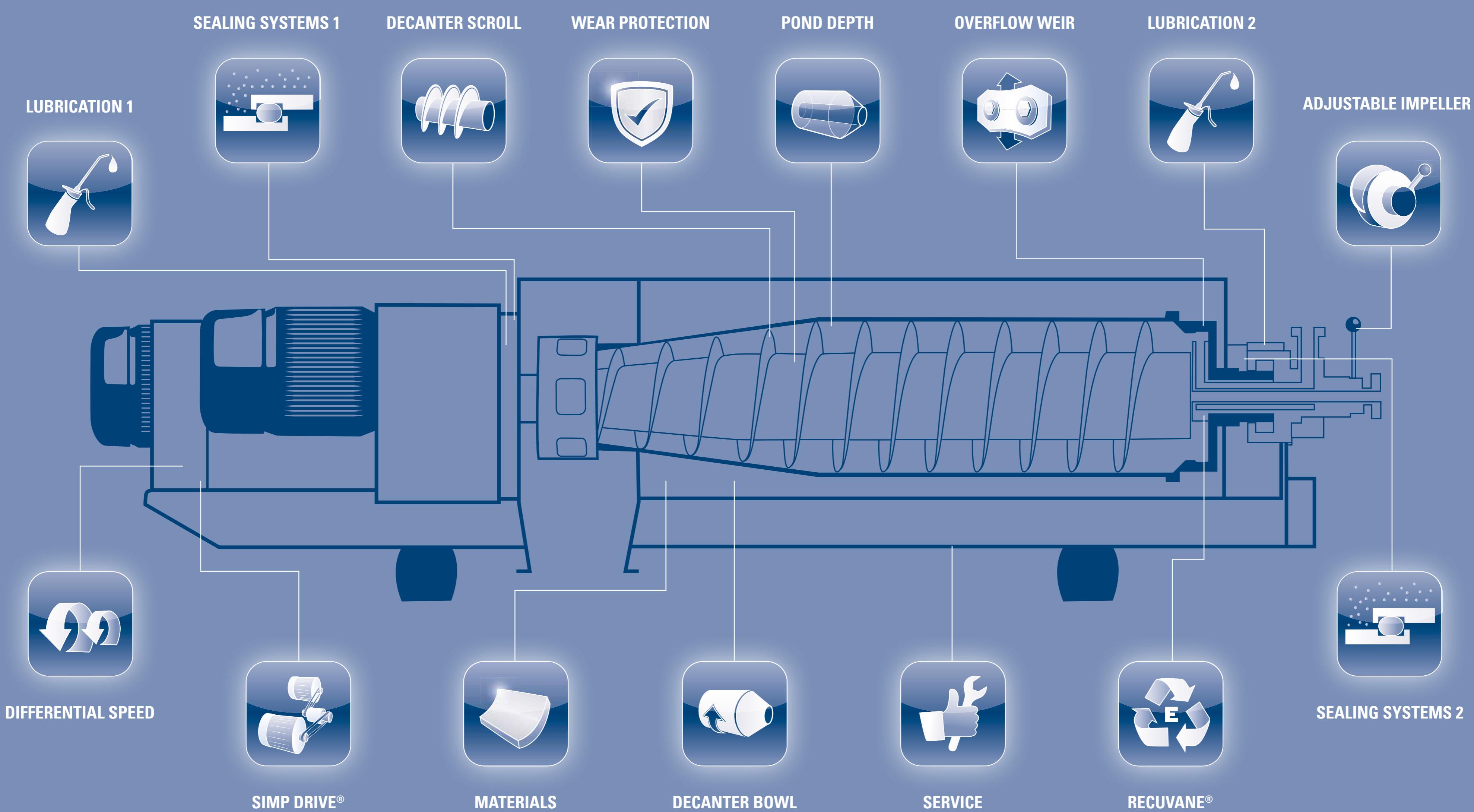


The Flottweg Product Features...

The Beneficial Combination For YOUR Efficient Solution!



Engineered
For
Your
Success



...and Customer Benefits of the Flottweg Decanter

LUBRICATION	SEALING SYSTEMS	DECANTER SCROLL	WEAR PROTECTION	POND DEPTH	OVERFLOW WEIR	ADJUSTABLE IMPELLER
<ul style="list-style-type: none"> - Clever designs - Always clean oil on the bearing - Minimal oil consumption - Maximum protection of process due to consistent and precise lubrication 	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - High resistance to wear of the decanter centrifuge - Longer service life of the decanter - Reduced costs, because only wearing parts are renewed 	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - The Flottweg overflow weir for precise and variable setting of the pond depth (by changing the diameter) - The overflow weir permits optimum adaptation to changing conditions - Flottweg weir plates for achieving perfect separation properties and the optimum product result - Simple and uncomplicated setting of the weir discs/weir plates (because there is no need to remove system parts) 	<ul style="list-style-type: none"> - 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	SIMP DRIVE®	MATERIALS	DECANTER BOWL	SERVICE	RECUVANE®	
<ul style="list-style-type: none"> - 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) 	<ul style="list-style-type: none"> - High efficiency due to consistently high dry substance value (DS = the higher this value, the dryer the separated solid) - High throughput performance due to high bowl speed and precisely adjusted differential speed - 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 	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - 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. 	<ul style="list-style-type: none"> - 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) 	<ul style="list-style-type: none"> - When large quantities liquid are processed, it is possible to save up to 20 % of the work energy; cost savings - Purely mechanical operating principle, meaning it is robust - Payback within 1 to 2 years, depending on throughput - Retrofit possible without major complexity 	