

The High Performance Decanter Centrifuges – D-Series



The ANDRITZ Centrifuge – D-Series

The High Performance Decanter

With more than 15.000 installed machines ANDRITZ is one of the leading suppliers of decenter centrifuges. The D-Series with its optimized HP-Scroll is mainly used for compressible media like all kind of sludge,

but also for food, bio-ethanol and slop oil applications. The patented TC-drive system underlines the leading position of ANDRITZ.

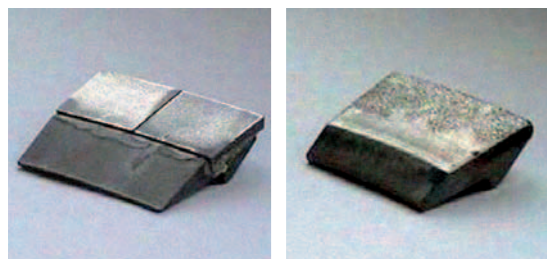
Optimum Design



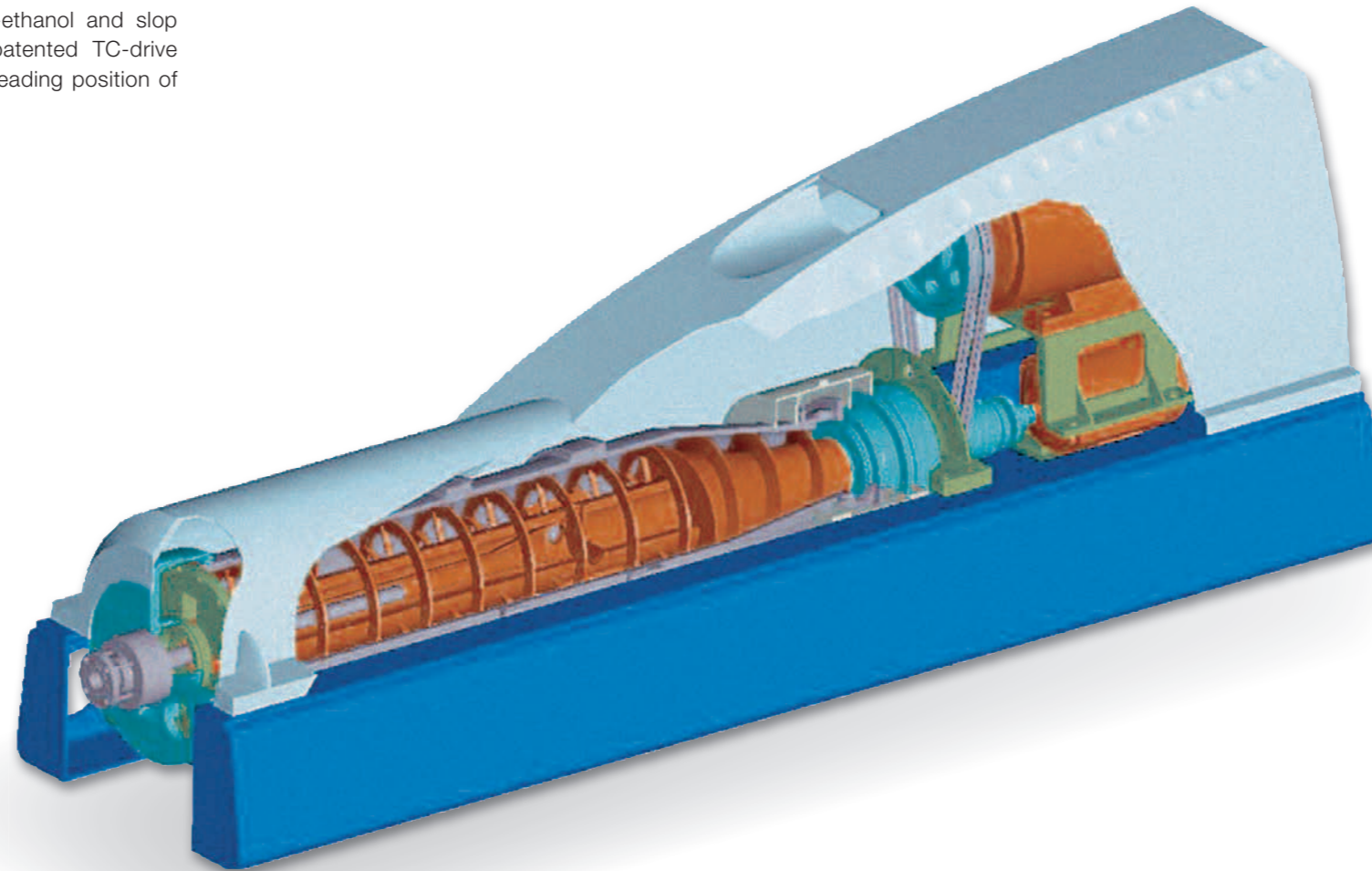
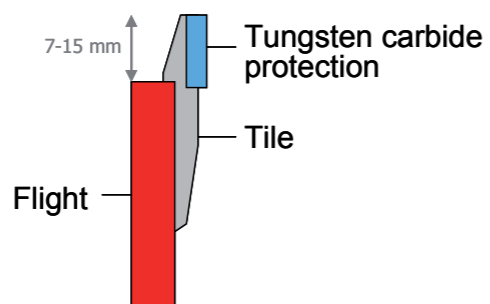
Easy adjustment of pond depth



Easy dismantling and maintenance



Optimized abrasion protection by replaceable tungsten carbide tiles

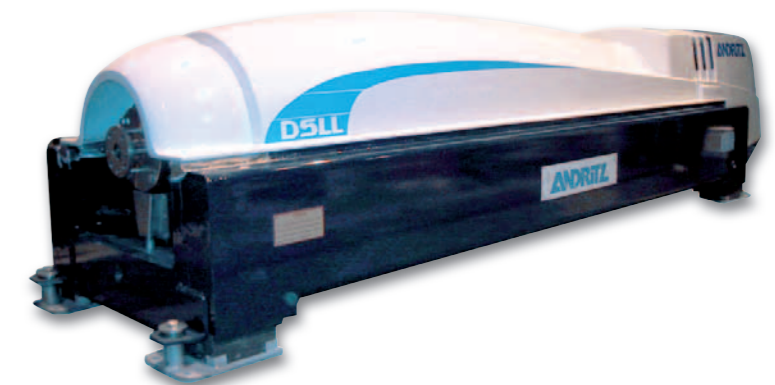


Your benefit

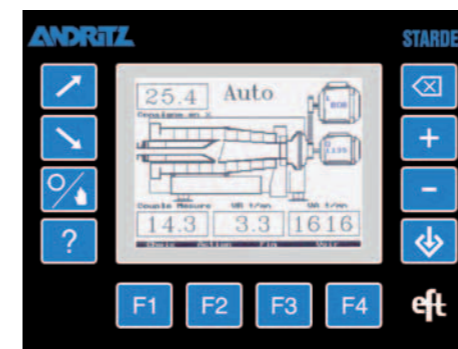
- High Performance (HP) rotor for optimum dryness
- all stainless steel
- variable speeds to accommodate changes in process conditions
- energy recovery with dual drive system
- optimized abrasion protection
- space saving In-Line Design
- easy maintenance
- high g-forces (up to.....g)
- OEM service available worldwide

The patented TC-Drive

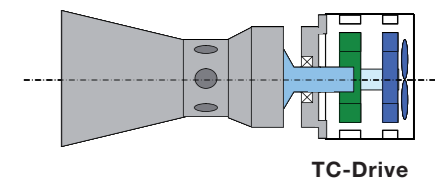
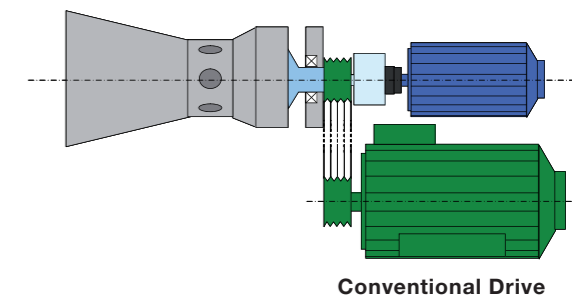
- energy consumption reduced by 10%
- very reduced height and length
- further reduction of vibrations (e.g. no V-belts required)



Options – Stardec and Centrate De-Aerator



Process visualization and control



Models – From D1 to D12

Approximate Design flow rate (m³/h) suspended solids ≤ 1% w/w (feed concentration)

Type	D1	D2L	D3L	D3LL	D4L	D4LL	D5L	D5LL	D6L	D6LL	D7L	D7LL	D10L	D12LL
	1	6	13	18	28	34	42	65	76	85	100	125	200	280



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