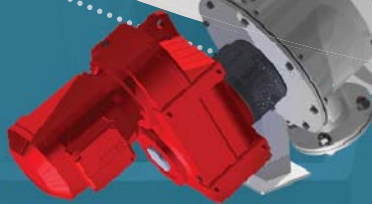




SPIRAC[®]
Solid Handling Solutions

SPIROGUARD[®]

SCREENING EQUIPMENT



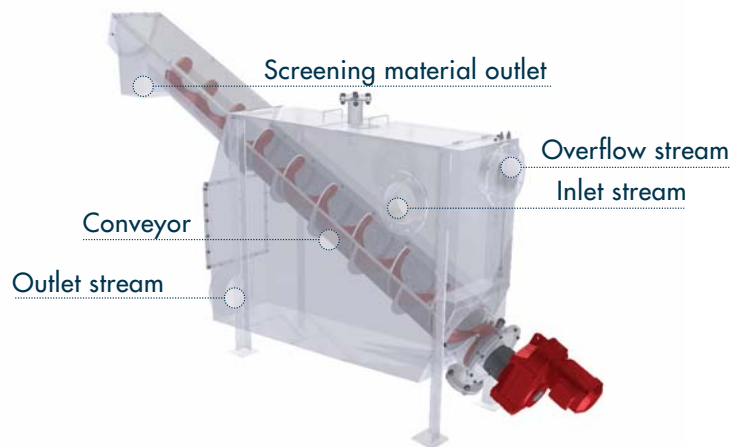
FEATURES AND BENEFITS

- ▶ Low operating speed = low maintenance costs.
- ▶ Low energy consumption = cost savings.
- ▶ Compact, robust design = machine is virtually maintenance free.
- ▶ Hinged covers = easy inspection of spiral.
- ▶ Shaftless Spiral have no intermediate or end bearings = no material build up or blockage will ever occur.

SPIRAC'S screening and classifying equipment brings together our unique shaftless screw technology and superior screen design to create systemised streamlined and robust solutions. In one compact machine, SPIROGUARD® combines screening, conveying, dewatering and solids removal from effluent and process streams.

The unit is robust, easy to install and, with only one moving part, virtually maintenance free. Slow speed combined with automatic intermittent operation

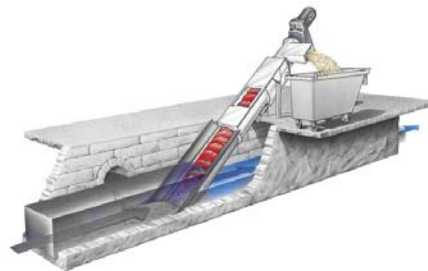
ensures a reliable and efficient system. Currently SPIRAC offers the legendary SPIROGUARD® as channel screen (CS) and compact cleaner (CC).



SPIROGUARD® CS SCREEN

Typical applications are:

- ▶ Inlet works in sewage treatment plants.
- ▶ Pulp and paper industry.
- ▶ Wine industry for extraction of seeds and skins.
- ▶ Food industry.



SPIROGUARD® CC SCREEN

The SPIROGUARD® CC Screen is designed as a standalone unit for pump-fed applications and is available with or without a press head. Ideally suited as a tanker reception facilitator screening separation unit, it is robust and easy to install. With only one moving part, this unit is virtually maintenance free. Slow-speed combined with automatic intermittent operation ensures a reliable and efficient system.

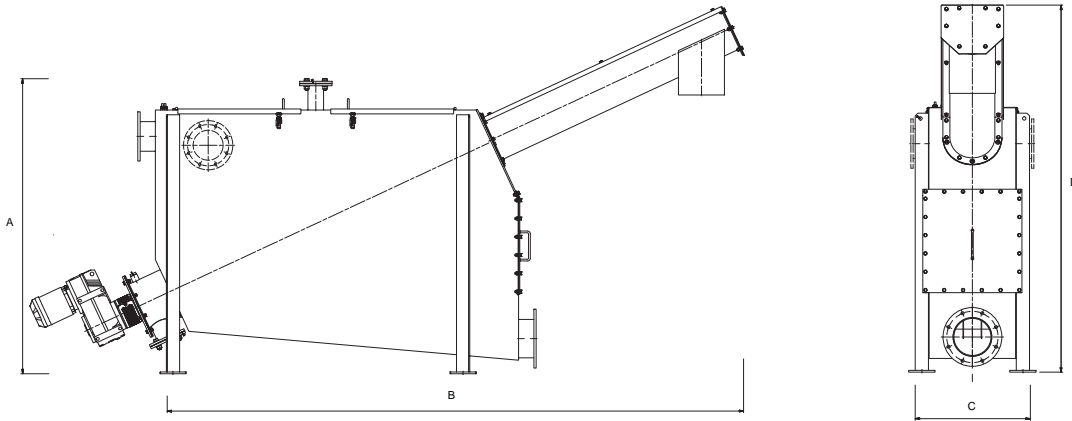
Options:

- ▶ Screenings washings
- ▶ Conveying
- ▶ Dewatering
- ▶ Compacting

Technical data:

- ▶ Capacity of wet screenings up to 3m³/h
- ▶ Weight reduction up to 80%
- ▶ Volume reduction up to 60%
- ▶ Dewatering efficiency 30-50%

SPIROGUARD® CC SCREEN



Model	A (mm)	B (mm)	C (mm)	D (mm)	Max - Hydraulic Capacity (L/Sec)
CC200/CC200P	1750	2850/2750	550	1950/1850	37
CC250/CC250P	1900	2900/2950	600	2150/2100	62
CC300/CC300P	1900	3150/3250	650	2250/2250	79
CC400/CC400P	2000	3200/3250	700	2300/2350	88
CC500/CC500P	2300	3750/3750	750	2700/2600	130
CC600	2300	3850/4200	850	2700/2900	155

- Notes:
- 1) Dimensions are for information only and not to be used for design. Please contact us for more details.
 - 2) SPIROGUARD® CC units are available with or without press head (P).
 - 3) Max hydraulic capacity is based on a 5mm perforation diameter with an 35% open area.
 - 4) Available Range 1,3,5mm wedgewire and 2,3,4,6,10mm perforated plate.

SPIROGUARD® CS SCREEN

	Typical hydraulic flow (L/Sec)	Trough Width (mm)	Min. Channel Width (mm)
CS250	20	250	356
CS300	30	300	426
CS400	50	400	536
CS500	65	500	616

- Notes:
- 1) Dimensions are for information only and not to be used for design. Please contact us for more details.
 - 2) Available Range 1,3,5mm wedgewire and 2,3,4,6,10mm perforated plate
 - 3) Flowrates shown are typical for wastewater channel streams. Flowrates are highly variable, subject to upstream and downstream water levels, angle of inclination and screen free area.



1. SPIROGUARD® CC 300

2. CONVEYOR WITHIN A SPIROGUARD® CC UNIT



3. TYPICAL SET UP FOR A SPIROGUARD® CS SCREEN

4. TYPICAL SET UP FOR A SPIROGUARD® CS SCREEN



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