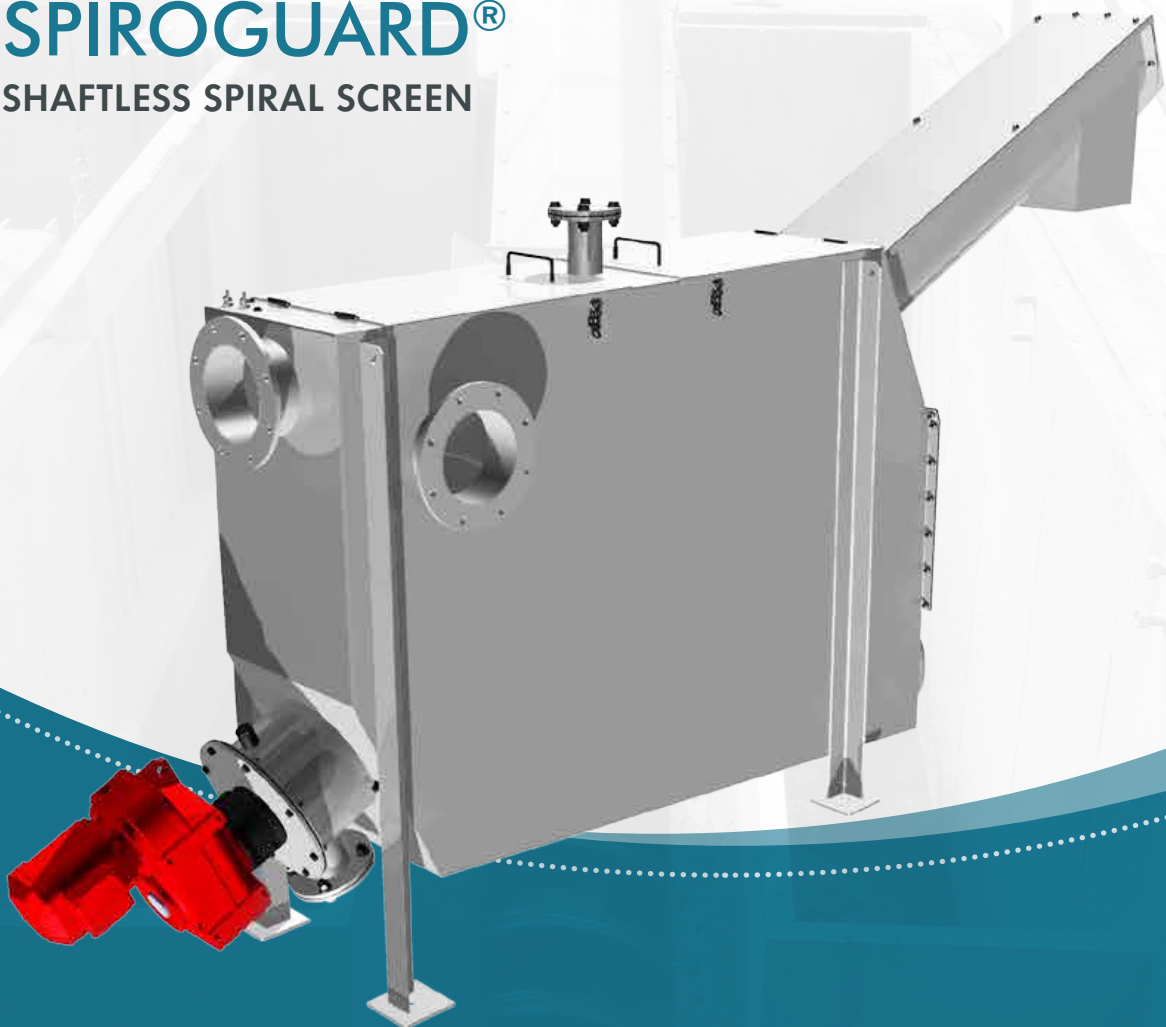




**SPIRAC**<sup>®</sup>  
Solid Handling Solutions

## **SPIROGUARD**<sup>®</sup>

SHAFTLESS SPIRAL SCREEN



### FEATURES AND BENEFITS

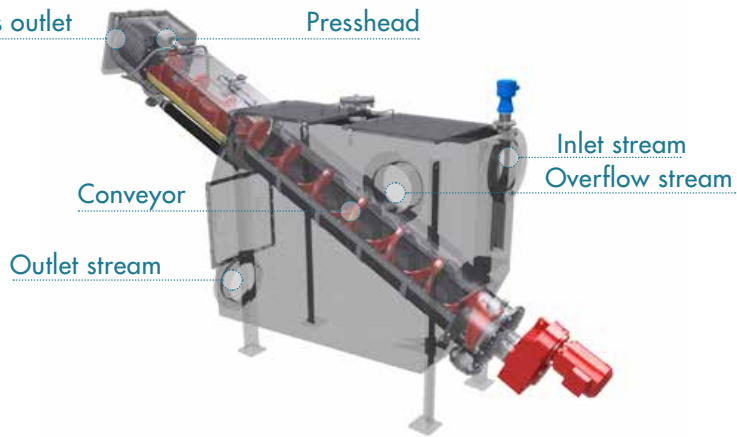
- ▶ Low operating speed = low maintenance costs.
- ▶ Low energy consumption = cost savings.
- ▶ Compact, robust design = machine is virtually maintenance free.
- ▶ Hinged covers = easy inspection of spiral.
- ▶ Shaftless Spirals have no intermediate or end bearings = no material build up or blockage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

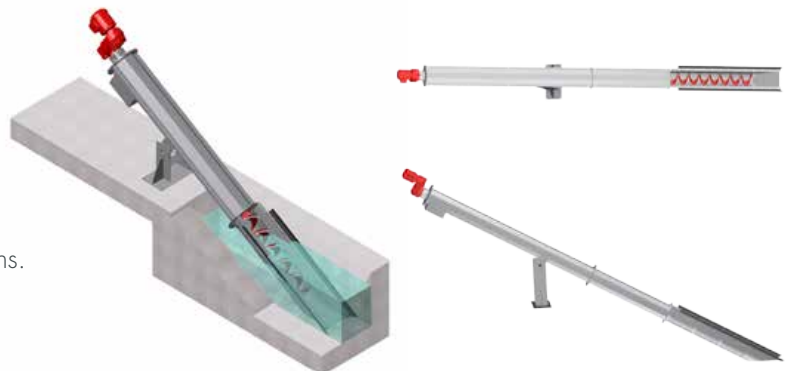
Technical data:

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

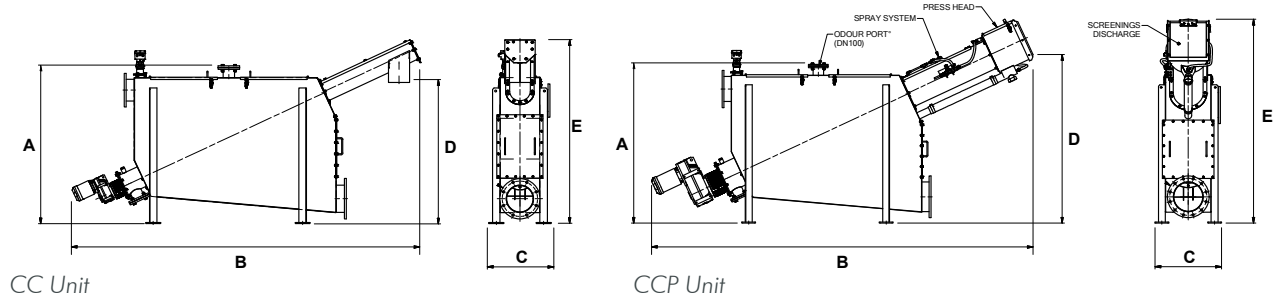
### SPIROGUARD® CS SCREEN

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



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Hydraulic Capacities (lps)						
						Wedgewire Screens			Perforated Screens			
						1mm	2mm	3mm	2mm	3mm	5mm	6mm
CC200/ CC200P	1595	3501/ 3701	625	1415/ 1666	1843/ 1948	48	68	84	48	44	39	58
CC250/ CC250P	1746	3694/ 3776	675	1571/ 1783	2072/ 2119	69	84	84	69	62	55	83
CC300/ CC300P	1736	4048/ 4165	725	1611/ 1839	2213/ 2225	88	124	160	88	79	71	106
CC350/ CC350P	1845	4054/ 4104	775	1647/ 1906	2297/ 2332	98	137	196	98	88	78	117
CC400/ CC400P	2145	4543/ 4724	825	1848/ 2188	2600/ 2651	145	203	255	145	130	116	174
CC500/ CC500P	2146	5056/ 4846	925	1963/ 2152	2824/ 2704	172	241	311	172	155	138	207
CC600*	2346	5134	1025	1979	3019	207	289	311	207	186	165	248

- 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) Available Range 1,2,3mm wedgewire and 2,3,5,6mm perforated plate.

\* Units isn't available with a press head.

## SPIROGUARD® CS SCREEN

	Max. hydraulic flow (L/Sec)	Trough Width (mm)	Min. Channel Width (mm)
CS250	180	250	356
CS320	230	300	426
CS420	300	400	536
CS500	350	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 1,2,3 mm wedgewire and 2,3,5,6mm 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. SPIROGUARD® CONVEYOR

3. TYPICAL SET UP FOR A  
SPIROGUARD® CS SCREEN

4. TYPICAL SET UP FOR A  
SPIROGUARD® CS SCREEN



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