

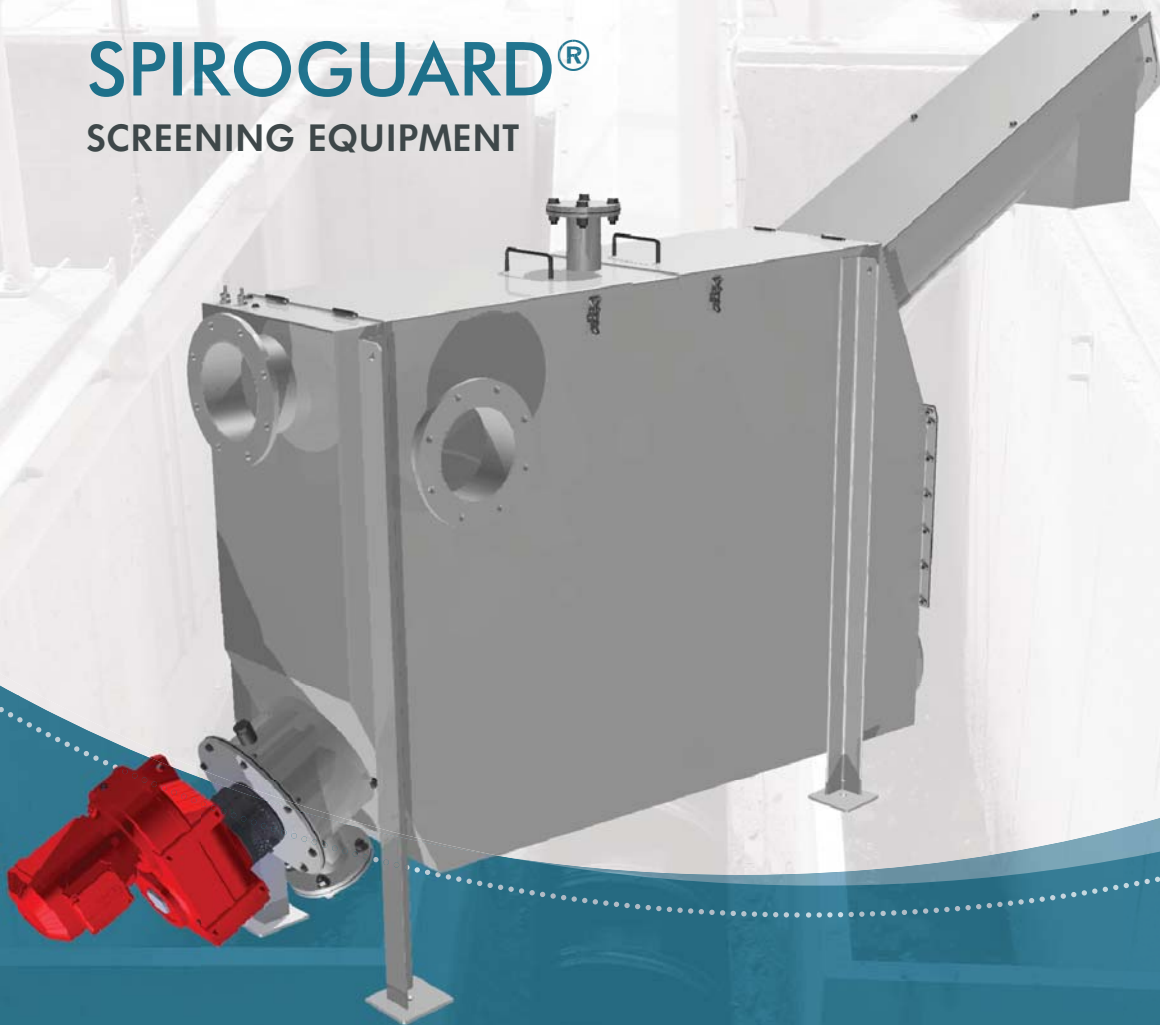


SPIRAC®

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 = material build up or blockage will ever occur.

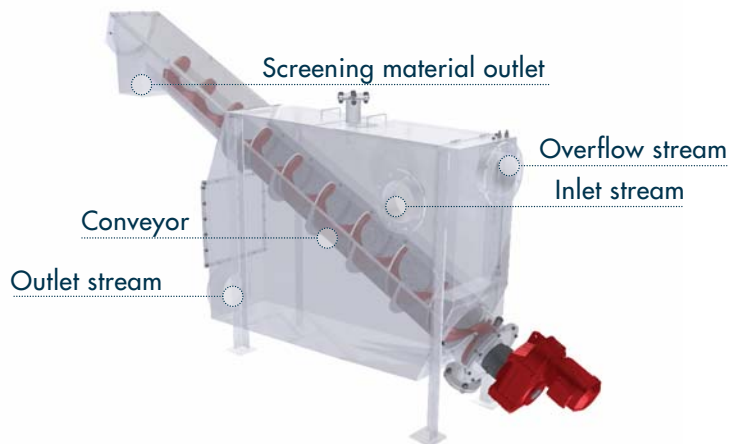


SPIROGUARD® GENERAL INFORMATION

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

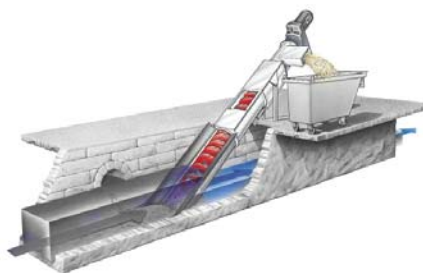
ensures a reliable and efficient system. Currently SPIRAC® offers the legendary SPIROGUARD® as channel screen (CS) and compact cleaner (CC).



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

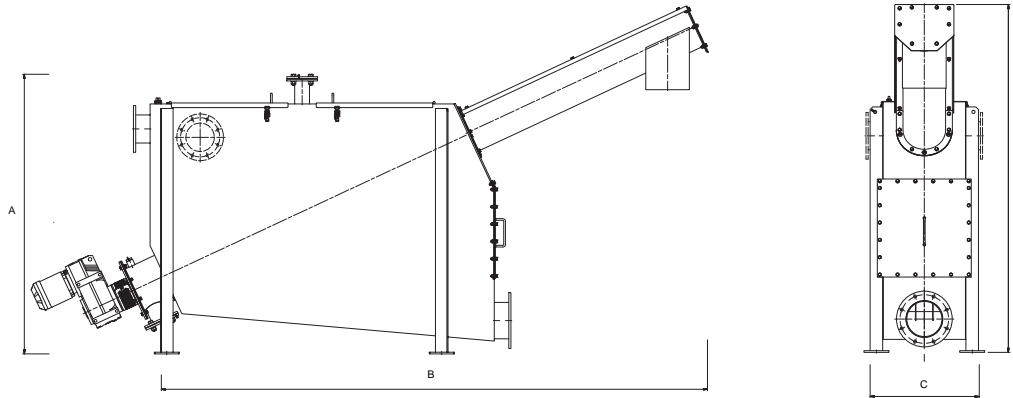
Technical data:

- ▶ Capacity of wet screenings up to 4yd³/h
- ▶ Weight reduction up to 80%
- ▶ Volume reduction up to 60%
- ▶ Dewatering efficiency 30-50%

SPIROGUARD® TECHNICAL SPECIFICATIONS



SPIROGUARD® CC SCREEN



Model	A (in)	B (in)	C (in)	D (in)	Max - Hydraulic Capacity (gpm)
CC250P/ CC250	65"	180" / 160-1/16"	28-1/2"	84-2/3" / 82-1/6"	630
CC300P/ CC300	69"	176-1/16" / 160-2/3"	28-1/2"	90-2/3" / 86-2/3"	800
CC400P/ CC400	85-1/4"	204-1/6" / 180-1/3"	32-1/3"	110" / 102-1/2"	1600
CC500P/ CC500	88-1/2"	217" / 187"	35-1/2"	115-1/2" / 106-1/2"	1900

- 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 (gpm)	Trough Width (in)	Min. Channel Width (in)
CS250	320	10"	14"
CS300	480	11-2/3"	16-2/3"
CS400	800	15-3/4"	21-1/8"
CS500	1030	19-2/3"	24-1/4"

- 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

ABOUT SPIRAC®

SPIRAC® is all about screening, grit and sludge handling solutions. With SPIRAC® solids handling solutions, you can have total confidence in a global leader. SPIRAC® enjoys more than 40 years of worldwide success and long-standing partnerships with customers, a prestigious status we didn't earn overnight. The SPIRAC® network of engineers is on hand to collaborate with you right from the start of your project – wherever you are located. This way we understand your requirements enabling us to deliver the right solution for you. Professional Project Managers and Design Engineers will ensure that products and systems are manufactured, installed and maintained to the most exacting standards, in compliance with local specifications and best global practice. And don't forget, full after sales support is part of SPIRAC's® outstanding service.

WE SPECIALISE IN

SCREENINGS HANDLING

- ▶ Screens
- ▶ Screenings washing
- ▶ Dewatering & compaction
- ▶ Conveying
- ▶ Containment & transport

GRIT HANDLING

- ▶ Grit capture & separation
- ▶ Grit washing
- ▶ Conveying
- ▶ Containment & transport

SLUDGE HANDLING

- ▶ Conveying
- ▶ Storage (silos)
- ▶ Reveal (bunkers & hoppers)
- ▶ Outloading (sliding-frames & live-bottoms)
- ▶ Containment & transport



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