Press Release

November 2017

Pumpenfabrik Wangen GmbH: WANGEN X-UNIT - the modular system for debris removal and cutting

Pumpenfabrik Wangen GmbH: WANGEN X-UNIT

Wangen, 7 November 2017

New! The modular system for reliable protection of plant equipment.

The WANGEN X-UNIT offers a wide range of applications for when foreign bodies and impurities in the conveyed media must be separated out and cutted. Versatile for a wide range of applications: E.g. in biogas plants, biowaste utilisation, stable application in agricultural technology, liquid manure technology vehicle construction and municipal waste water treatment plant.

X-TRACT (debris removal module) + **X-CUT** (cutting module) = **X-UNIT**

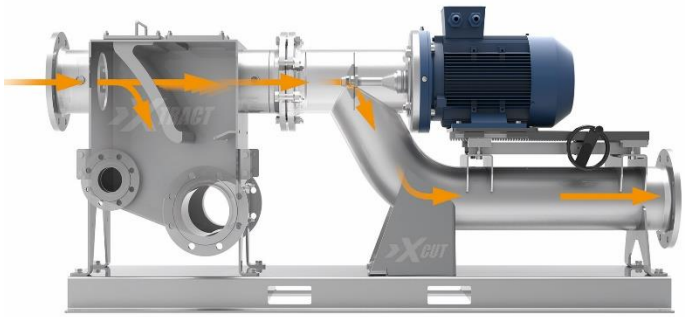

Illustration of the flow directions of media through the X-UNIT

Increased process safety:

The complete system for debris removal and cutting protects pumps and systems against stones, wood, metal parts or other foreign bodies. Knotted plaits and similar blockades in the system are avoided and associated downtimes reduced considerably.

Clear advantages, thanks to modular structure:

The X-TRACT and X-UNIT components are available separately and also as an optimally co-ordinated X-UNIT. A significant advantage is also the fact that, during maintenance of the X-CUT module (e.g. with the replacement of the measuring units), the X-TRACT foreign body separator can continue to be used.

WANGEN X-TRACT module for debris removal

- Process-optimised adaptation to the pumped media through a simple change of the sceen geometry
- Easy removal of the foreign bodies through large openings
- Rugged implementation
- Continuous cleaning as a result of the geometry of the rake
- Large openings for easy extraction of the foreign bodies
- Maximum capacity: 1,250 m³/h / 347 l/sec

Gravity causes conveyed media with a higher density than water to sink down.
The media is then routed by the screen and the container geometry to the removal opening. Therefore no movable component parts are necessary for the separation of such foreign bodies. The geometry of the screen guarantees continuous cleaning through the inflowing pumped medium.

WANGEN X-CUT the cutting module as an extension to the X-TRACT

- Rugged implementation
- Compact and space-efficient construction design
- Cutting tool from 4 hardened, tool-steel blades
- Long service lives due to high-quality materials and turning blades
- Low life-cycle costs, thanks to low wear costs of the cutting unit
- Simple and rapid replacement of the cutting knives by means of central tensioning screw
- Powerful motor guarantees reliable cutting
- Maximum capacity: 1,250 m³/h / 347 l/sec

The comminution unit can be optimally adapted to the conveyed medium with a simple modification.

The modular X-UNIT system is available from January 2018.
The X-UNIT will be presented for the first time at the Agritechnica 2017 trade fair.
12 - 18 November 2017, Hanover/Germany
WANGEN PUMPEN

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Hall 23, Stand B25

All information and downloads relating to the new WANGEN X-UNIT will also be available online from 13 November, at **www.wangen.com**.

(Text length: 3,045 characters, including blanks and headers / author: Astrid Klug, Pumpenfabrik Wangen GmbH Marketing/Publicity)

Contact:
Pumpenfabrik Wangen GmbH:
Simoniusstrasse 17
88239 Wangen im Allgäu/Germany
Tel: +49 7522 997-0
email: mail@wangen.com

Press Contact:
Pumpenfabrik Wangen GmbH:
Astrid Klug
Tel. +49 7522 997-202
email: a.klug@wangen.com

For over 40 years, Pumpenfabrik Wangen GmbH - one of Germany's leading companies - has produced and sold eccentric screw pumps and screw spindle pumps for the following sectors: biogas, agricultural engineering, food, waste management, environment, chemicals, and paper with an export ratio of approx. 45%.
The company was founded in 1969 and has over 200 employees. Head office and production facility is Wangen in Allgäu. Approximately 50 consultants in more than 35 countries represent the pumps and products worldwide; this is implemented by our own employees and using selected, specialised marketing partners.

All details on the company and the product portfolio of Pumpenfabrik Wangen GmbH can be found online at: http://www.wangen.com

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There is pictorial material available for this text:

Photo 1: X-UNIT with the flow direction of the medium

Photo 2: Side of X-UNIT

Photo 3: X-UNIT closed

Product information WANGEN X-UNIT brochure (pdf, German)