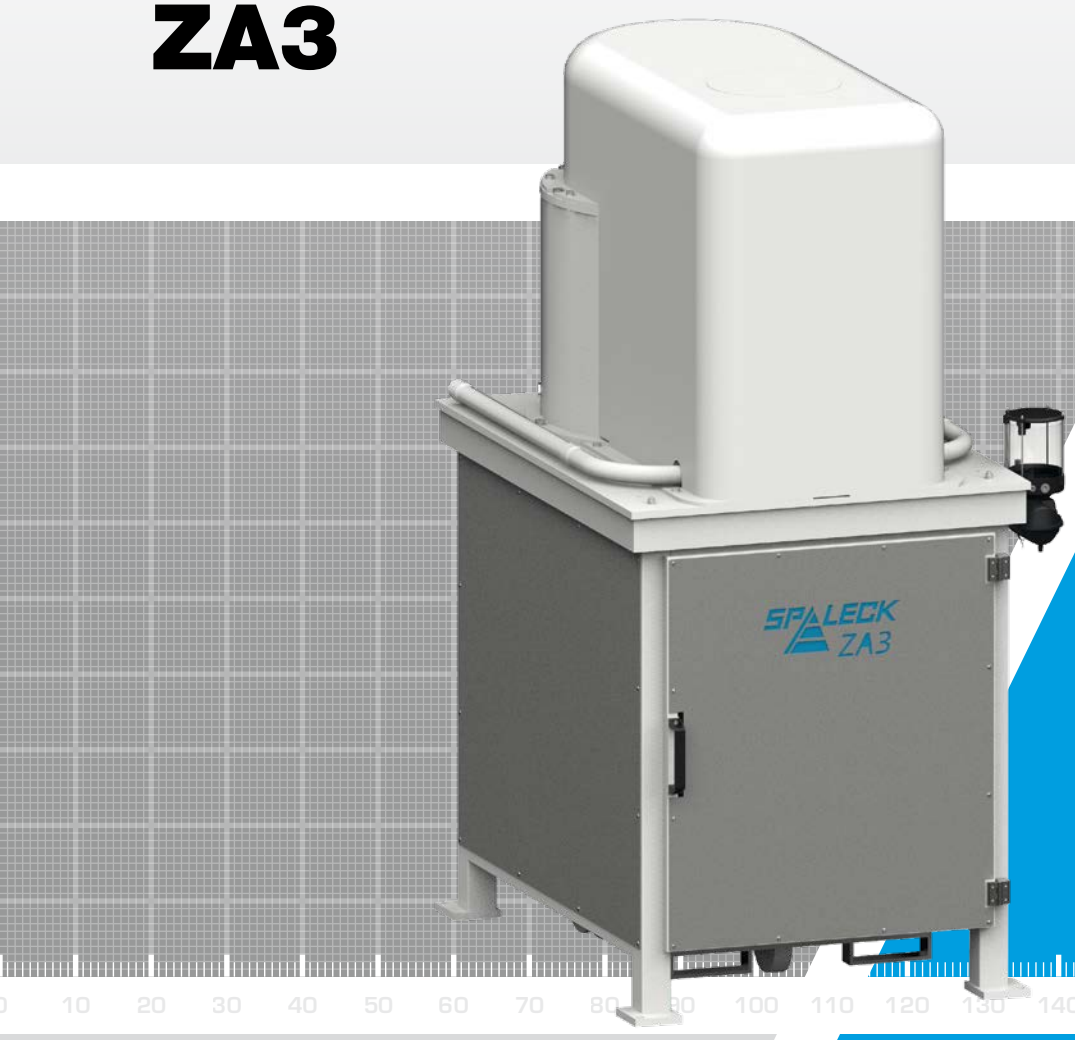
SPALECK Oberflächentechnik

BRIGHTEN UP YOUR FUTURE

RECYCLING CENTRIFUGE
ZA3



ZA3

Fully automatic process water recycling in a modular system

The fully automatic centrifuge can be equipped with extensive modules such as process and clear water tanks, agitators, flocculation units, etc. The modular system allows a process-optimised machine installation. The centrifuge disposes of a peeling knife, peeling the solids inside the rotating centrifuge basket and automatically conveys the solids into the movable sludge waggon.

MADE IN GERMANY

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RECYCLING CENTRIFUGE
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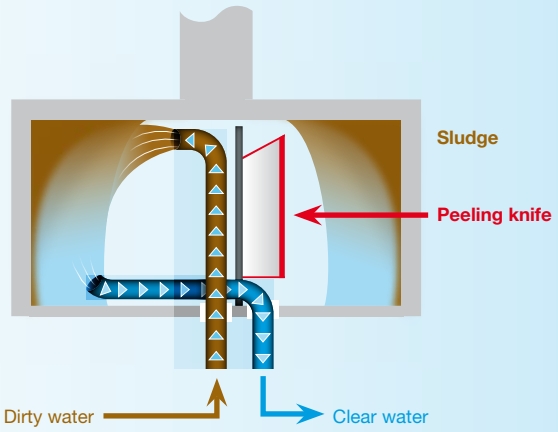
Scheme peeling centrifuge



Technical features:

- Automatic peeling of solids out of the centrifuge rotor
- Optimised flocculation due to the use of a reaction tank
- Automatic flocculants feeding (liquid or powder)
- Level control of the tanks and the sludge waggon
- Agitators inside the dirty water, the clear water and the reaction tank
- Automatic refilling of compound and fresh water

Optional features:

- Possibility of diverse installation variants
- The tank sizes can be adapted to the individual process
- Aggregate to cool the clear water
- Automatic dosing for defoamers and biocides
- pH value and conductivity control
- Stainless steel rotor (in case of very acidic or alkaline processing liquids)

Technical data:

Description		ZA3
Cleaning capacity	l/h*	2000
Volume dirty water tank [1]	l	500
Volume reaction tank [1]	l	1000
Volume clear water tank [1]	l	2000
Volume sludge waggon	l	250
Sludge evacuation		automatic
Control		PLC
Drive power	kW	11,0

* The cleaning capacity of the centrifuge depends on the process water load and the required degree of purity.

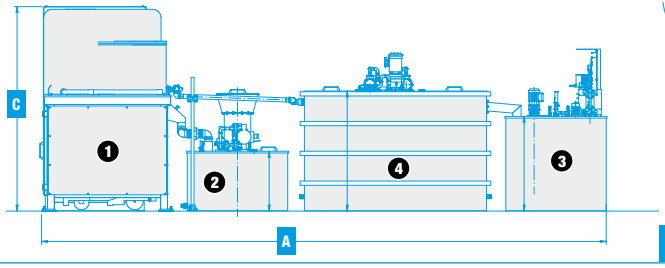
[1] other tank sizes are also available

Dimensions in mm:

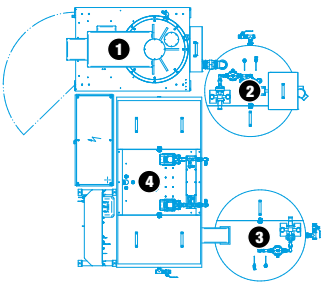
Description		ZA3
Width [1]	A	approx. 6800
Depth [1]	B	approx. 2360
Height [1]	C	approx. 2400

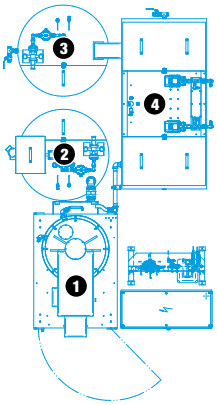
[1] in accordance with the installation variants below

1. Centrifuge
2. Dirty water tank
3. Reaction tank
4. Clear water tank



INSTALLATION EXAMPLES
A lot of further variants are possible





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