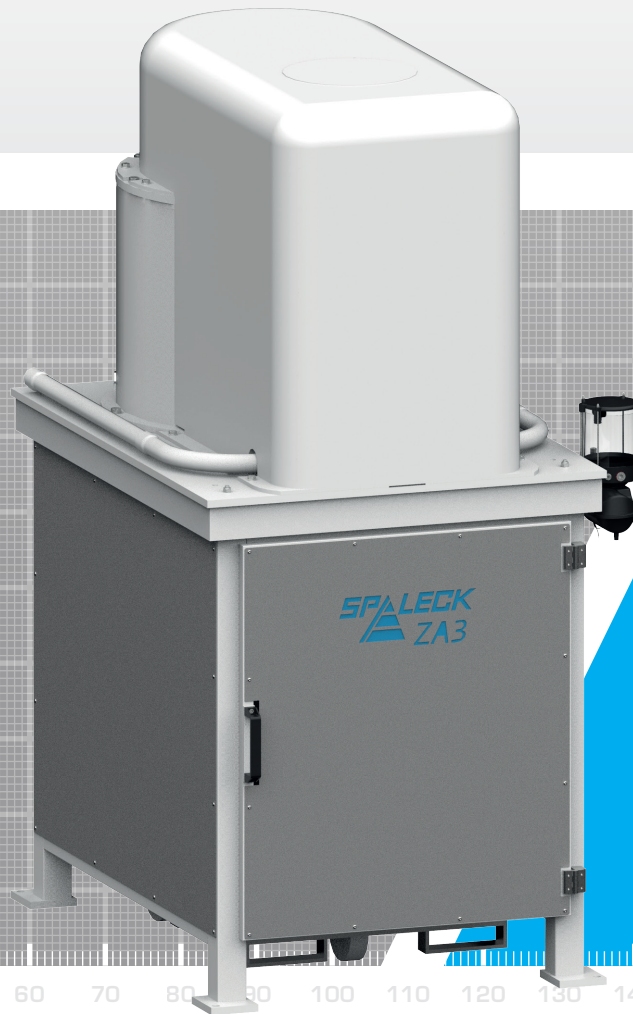


## RECYCLING CENTRIFUGE **ZA3**

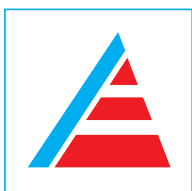


**ZA3**

© SPALECK ENGINEERING

### **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 wagon.

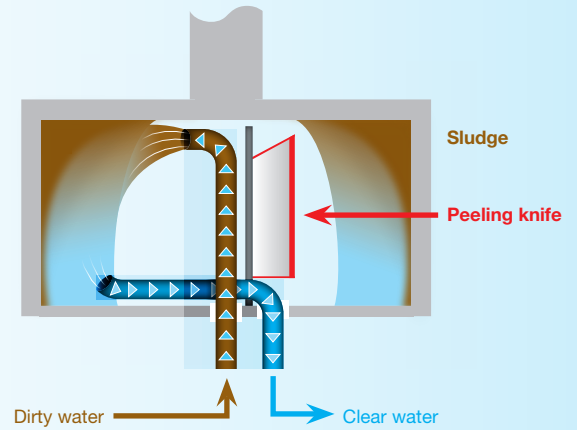


MADE IN GERMANY

[www.spaleck.biz](http://www.spaleck.biz)

# RECYCLING CENTRIFUGE ZA3

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 <sup>1</sup> | l    | 500       |
| Volume reaction tank <sup>1</sup>    | l    | 1000      |
| Volume clear water tank <sup>1</sup> | l    | 2000      |
| Volume sludge waggon                 | l    | 250       |
| Sludge evacuation                    |      | automatic |
| Control                              |      | PLC       |
| Drive power                          | kW   | 11,0      |

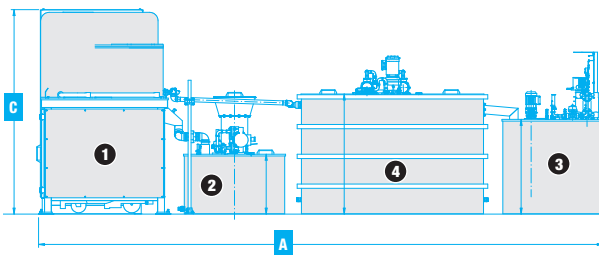
\* The cleaning capacity of the centrifuge depends on the process water load and the required degree of purity.

<sup>1</sup> other tank sizes are also available

### Dimensions in mm:

| Description         | ZA3 |              |
|---------------------|-----|--------------|
| Width <sup>1</sup>  | A   | approx. 6800 |
| Depth <sup>1</sup>  | B   | approx. 2360 |
| Height <sup>1</sup> | C   | approx. 2400 |

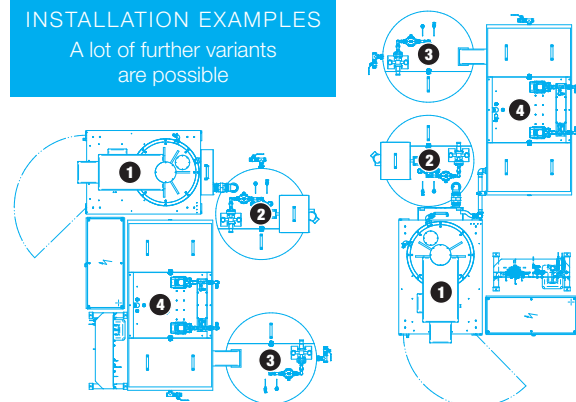
<sup>1</sup> in accordance with the installation variants below



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

### INSTALLATION EXAMPLES

A lot of further variants are possible



© SPALECK ENGINEERING