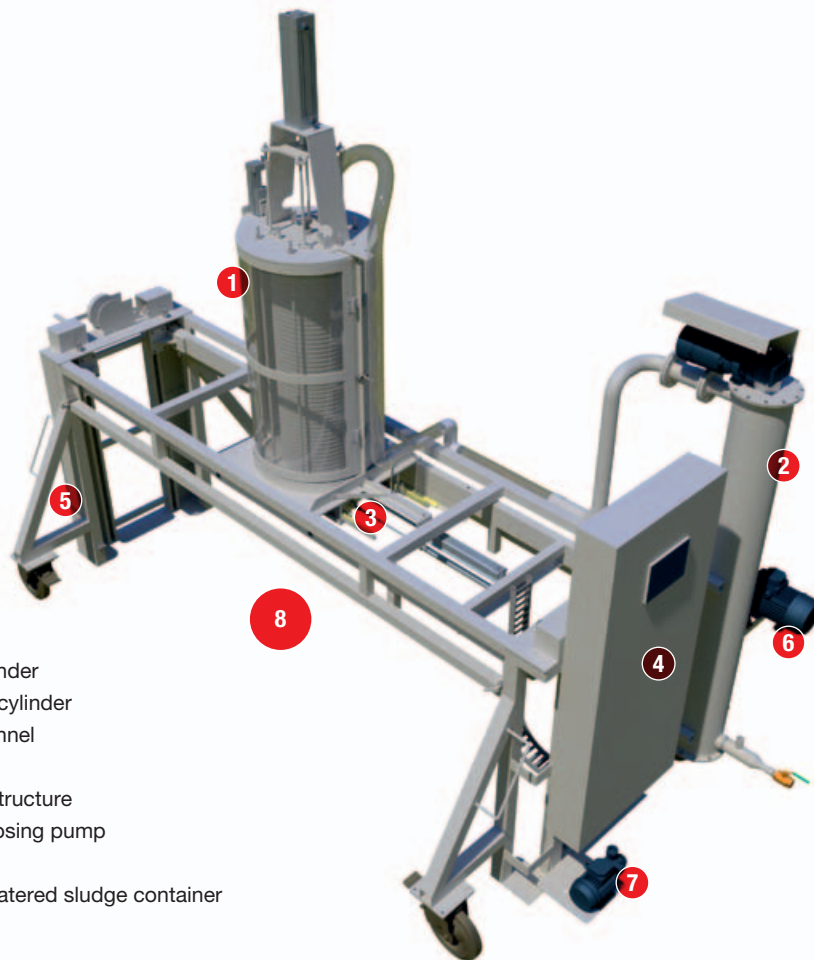


# ASP DEWATERING TOOL

Intended for dewatering  
of sludge produced in small  
and medium-sized wastewater  
treatment plants

**400 – 2,000 EO**



1. Pressing cylinder
2. Flocculation cylinder
3. Collecting funnel
4. Control unit
5. Supporting structure
6. Flocculant dosing pump
7. Water pump
8. Area for dewatered sludge container

# VODACZ

## ADVANTAGES

- › **Small built-up area:** Vertical operation mode makes use of the pressing unit fitted at height to facilitate the work with output media. No extensive construction arrangements are necessary.
- › **Structure flexibility:** Can be folded and then unfolded only for the pressing operation. Forming press structure is mobile and can be placed next to construction buildings.
- › **No-staff operation:** Once put in operation, no staff presence is necessary.
- › **Material for project documentation available:** Including consultation.
- › **Low operating costs**

## OPERATING MODE

### 1. Filling



Filling pump is put in operation while flocculant is dosed. Proper flocculation function can be checked in a transparent pipe where flocculation of the running sludge is visible. As soon as the space in the pressing cylinder is filled, control unit stops the pumping operation.

### 2. Pressing



Bag inside the pressing cylinder is gradually extended and, through the sieve, the sludge is dewatered and water goes through the collecting funnel and through the pipe to the destination area.

### 3. Emptying



After pressing, the collecting funnel is automatically put aside and the dewatered sludge is taken out from the sludge press, e.g. to a specific container or on a conveyor belt.

### 4. Cleaning



Before a new dewatering cycle is started, the sieve is automatically rinsed by high-pressure jets. Rinsing completed, the process automatically restarts.

## TECHNICAL SPECIFICATION

Amount of sludge processed	0,5 – 1	m <sup>3</sup> ·h <sup>-1</sup>
Operating time	20 – 24	h·day <sup>-1</sup>
Work cycle length	5 – 10	min
Energy efficiency	Max. 3,5	kW
Built-up area	2,9 x 1,1	m
Height	(with pistons) 3,7 (compact) 3,3	m



# VODACZ

Headquarters:

**VODA CZ, s. r. o.**  
Bohuslava Martinů 1038/20  
500 02 Hradec Králové  
Pražské Předměstí

Plant:

**VODA CZ, s. r. o.**  
Hořenice 45  
551 01 Jaroměř

Service:

**VODACZ**  
**SERVICE**  
www.vodaczservice.com

Contact:

e-mail: info@vodacz.com

Service:

phone: +420 800 150 155

[www.vodacz.com](http://www.vodacz.com)

