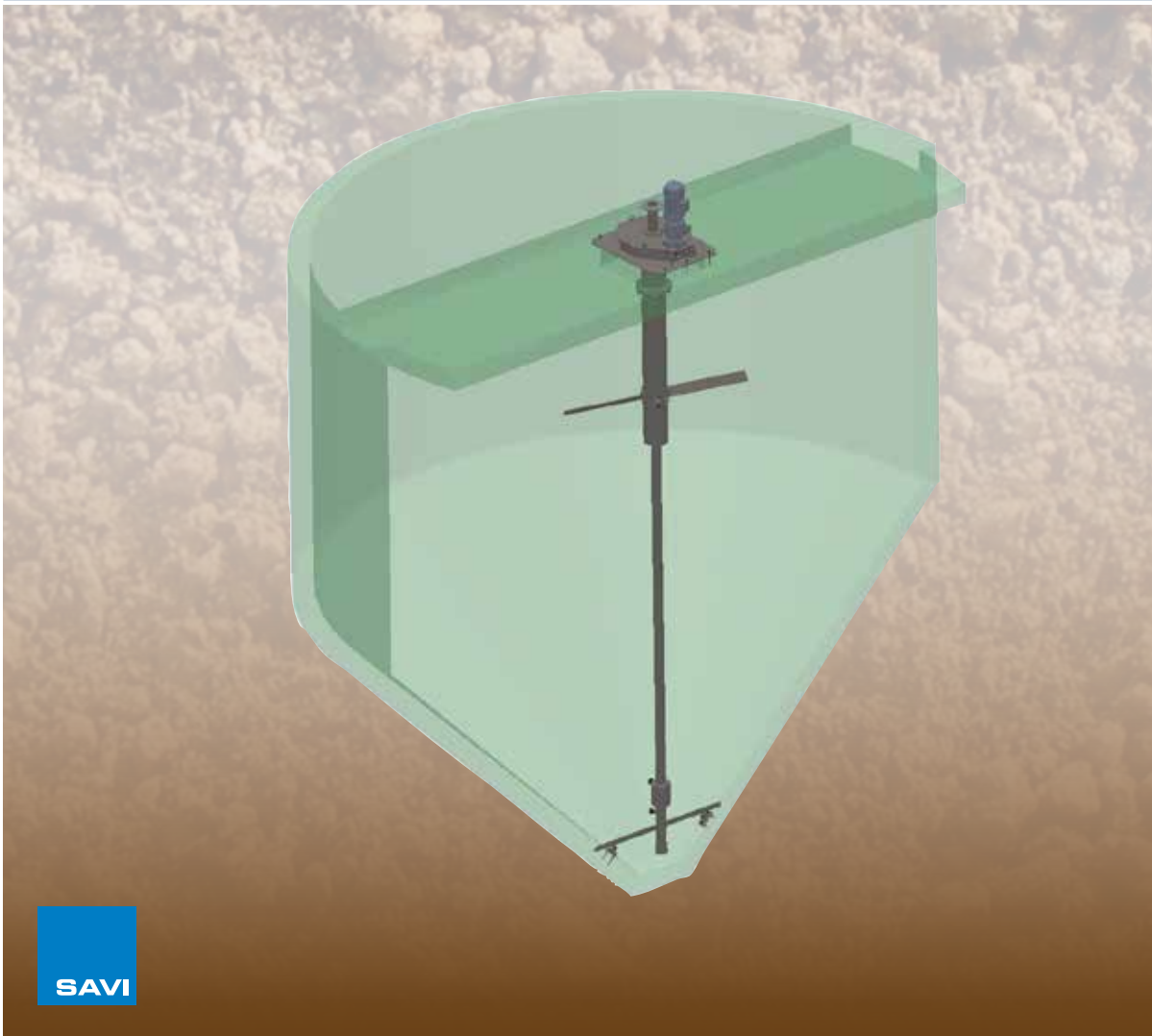


# Circular Grit Traps DSP



SAVI

# COMPACT AND EFFICIENT SAND AND GRIT REMOVAL

Circular Grit Traps DSP are used to remove sand and grit from sewage in waste water treatment plants.

The equipment consists of a drive unit complete with a central bearing, two steel blades operated by an impeller and a central air lift pipe.

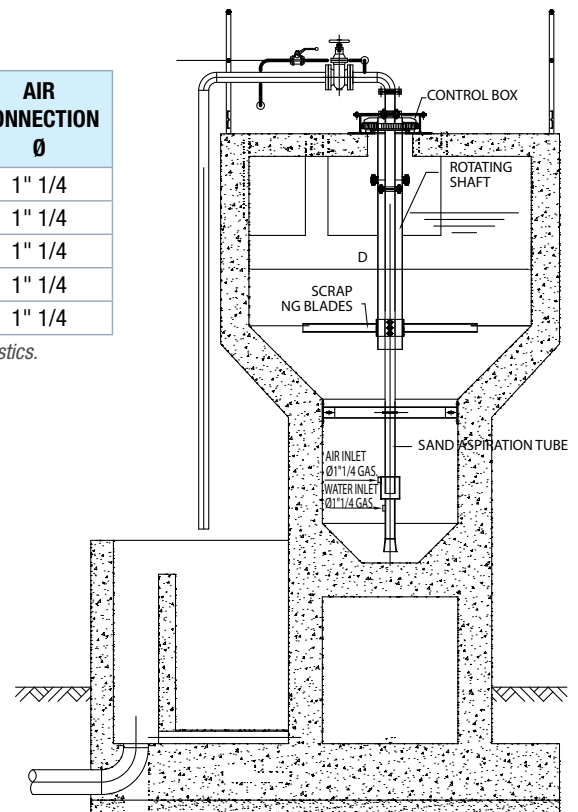
Sewage tangentially enters the concrete tank and is moved thanks to two blades operated by a drive unit installed on the concrete walkway. The circular movement allows the grit to settle on the bottom of the tank.

The air lift is composed of a flanged pipe with a hydro extractor on its end. The air lift operates through compressed air, thus lightening the grit/water mixture sucking efficiently the sand from the bottom of the tank.

## Overall Dimensions

MODELS	TANK DIAMETER D m	INSTALLED POWER kW	MAX FLOW RATE m <sup>3</sup> /h (*)	HYDRO-EXTRACTOR DIAMETER	WATER CONNECTION Ø	AIR CONNECTION Ø
DSP 20	2.00	1.1	400	DN 80	1" 1/4	1" 1/4
DSP 25	2.50	1.1	800	DN 80	1" 1/4	1" 1/4
DSP 30	3.00	1.1	1,200	DN 80	1" 1/4	1" 1/4
DSP 40	4.00	1.1	2,500	DN 80	1" 1/4	1" 1/4
DSP 50	5.00	1.1	4,000	DN 80	1" 1/4	1" 1/4

(\*) Values are for indication only, the effective flow rate depends on the concrete tank dimensions and characteristics.



## Benefits

- ✓ Robust design
- ✓ Low maintenance costs;
- ✓ Easy installation even into existing tanks

## Technical Features

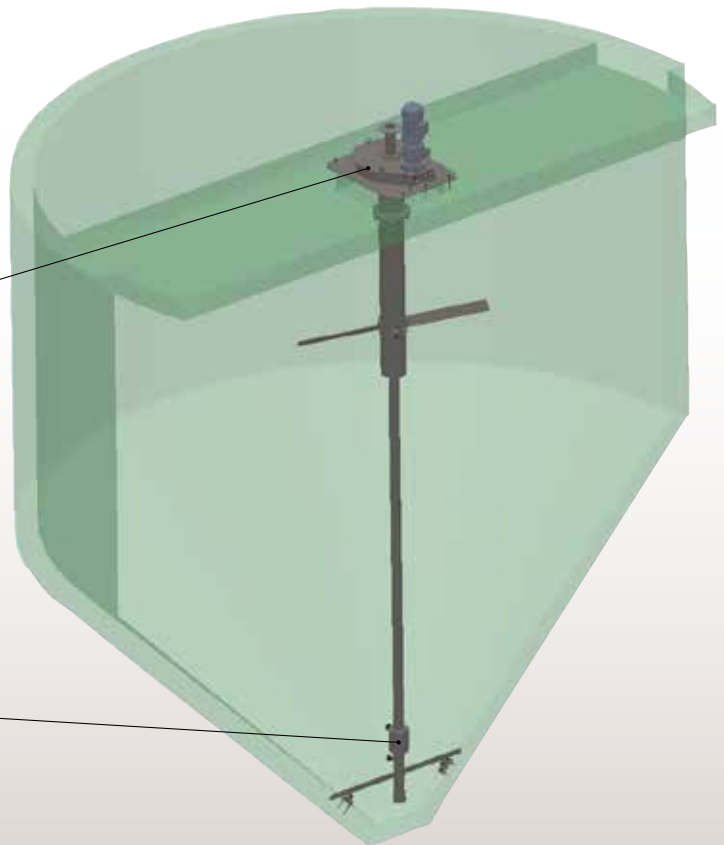
- Available for tanks up to 6 m in diameter
- Central bearing
- Carbon steel hot dip galvanized / 304 L / 316 L SS



Bull gear



Impeller



## Accessories

- Hot dip galvanised tank up to xxx m

# Application



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