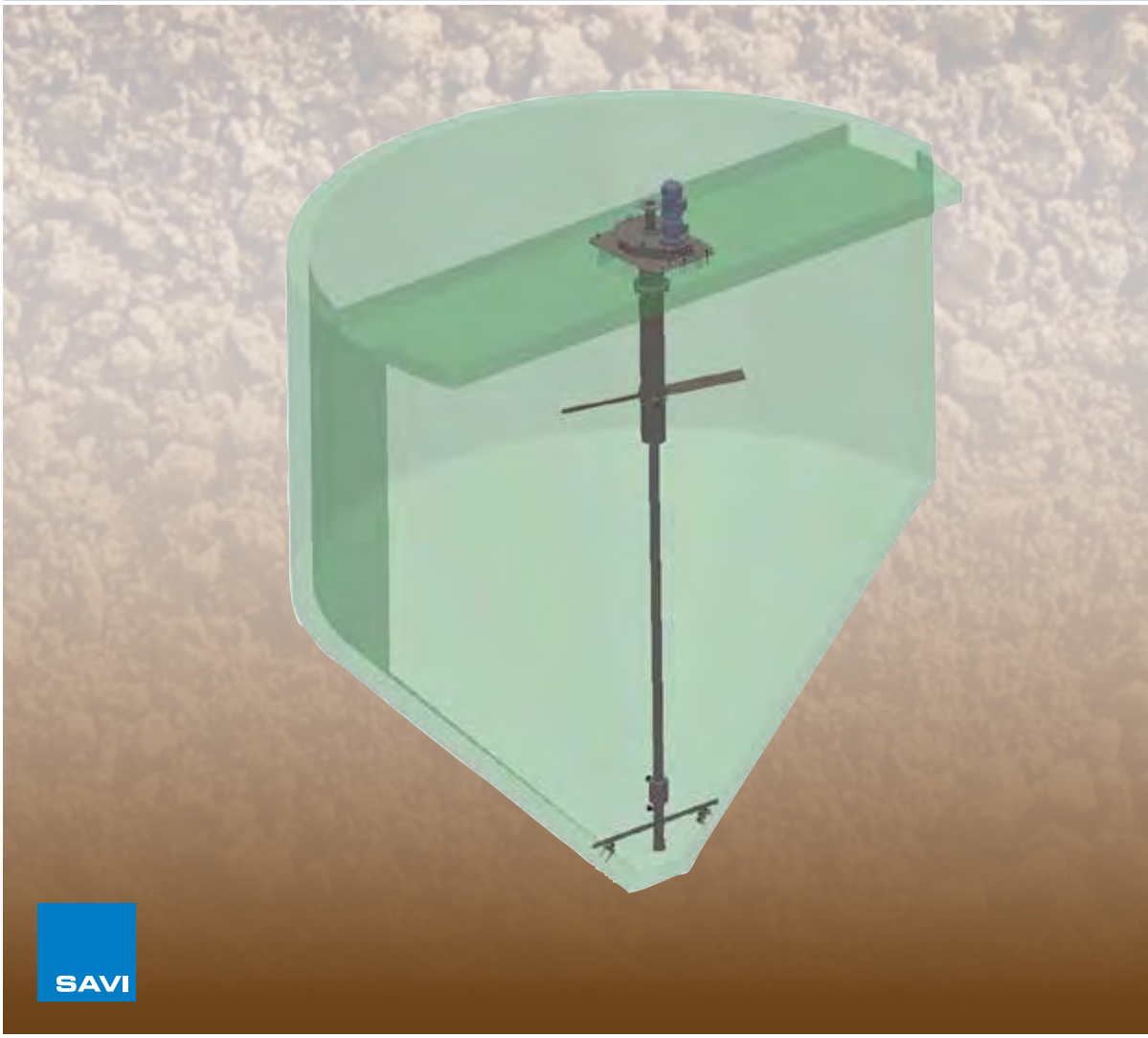
WASTE WATER TREATMENT

Circular Grit Traps
DSP







SAVECO™
Member of WAMGROUP®

Circular Grit Traps DSP

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.

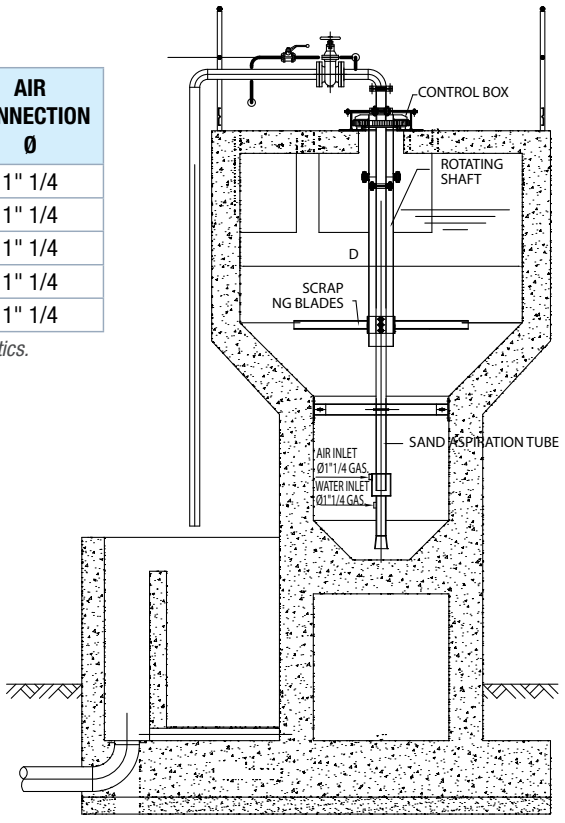
Sewage tagentially enters the concrete tank and is moved thanks to two blades operated by a drive unit installed on the concrete walkway. The circular movement allows the grit to settle on the bottom of the tank.

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 m³/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.



For reference only: for detailed drawings please contact the manufacturer

Benefits

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

Technical Features

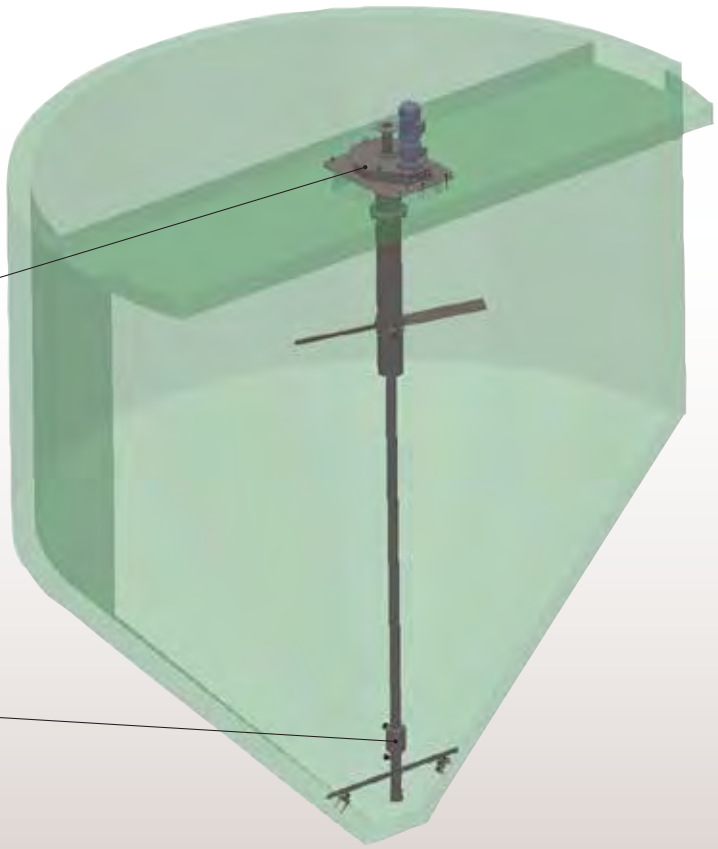
- Available for tanks up to 6 m in diameter
- Central bearing
- Carbon steel hot dip galvanized / 304 L / 316 L SS



Bull gear



Impeller



Accessories

- Hot dip galvanised tank up to xxx m

Application







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