WASTE WATER TREATMENT

Travelling Bridges for Settlement Tanks

PVS / PVA







SAVECO™
Member of WAMGROUP®

Travelling Bridges for Settlement Tanks
PVS / PVA

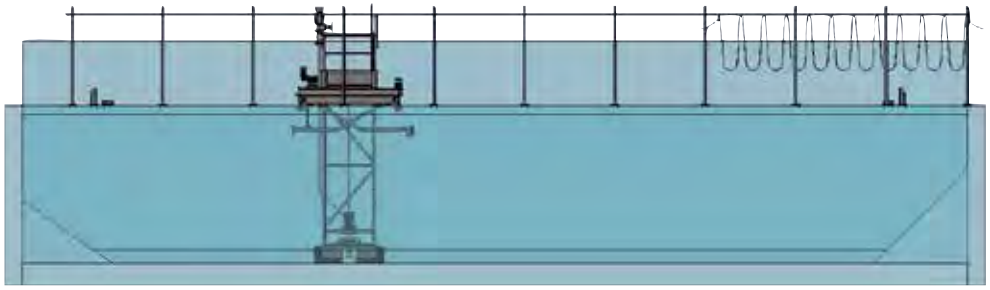
HIGHLY EFFICIENT BIOLOGICAL SLUDGE AND FLOATING PARTICLES REMOVAL

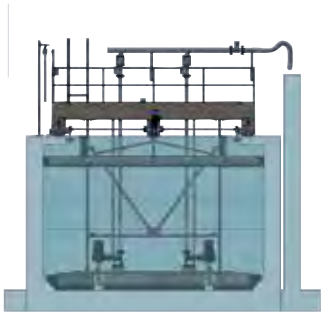
PVS / PVA Travelling Bridges for Settling Tanks are used to remove sludge and scum in both municipal and industrial waste water treatment plants.

PVS / PVA Travelling Bridges consist of a movable truck lying on two traction trolleys. One surface scraper and one bottom scraper are installed underneath the truck. The bridge is operated by a central gear motor connected to trolley drive wheels.

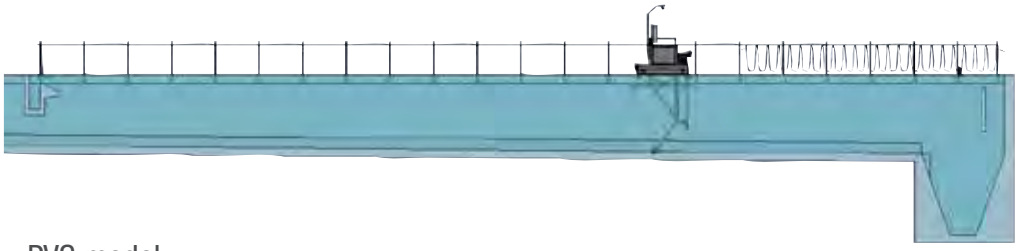
The bridge travels back and forth on the flat tank bottom. By travelling it conveys the settled sludge through the bottom scraper into a sludge collecting hopper. Scum and floating matter are collected by a surface scraper and transferred into a scum collecting channel.
The scrapers are operated by one gear motor only.

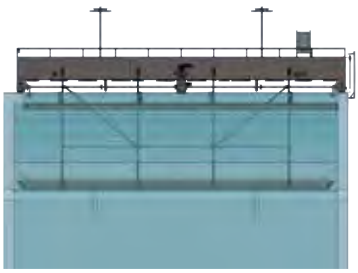
Overall Dimensions





PVA model





PVS model

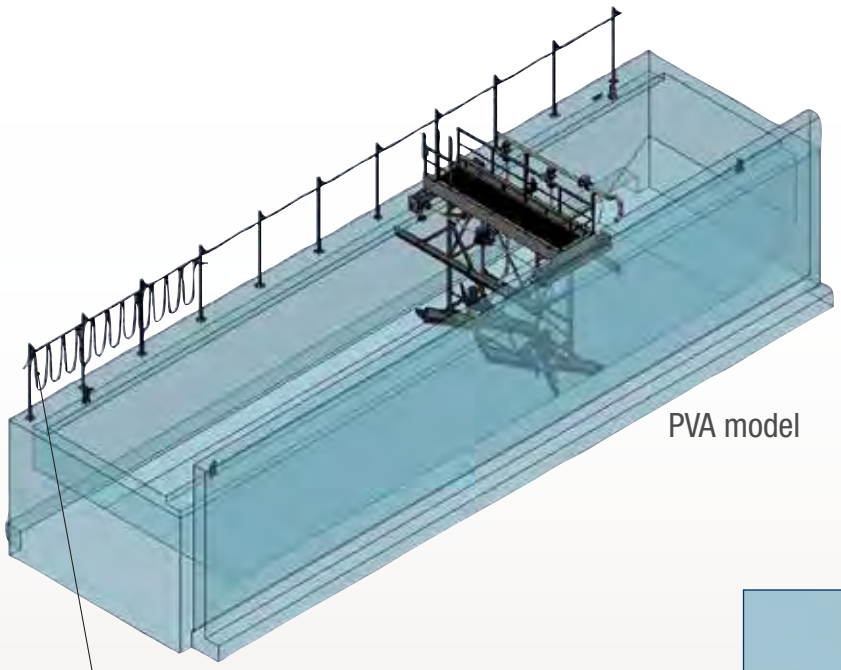
MODEL	TANK WIDTH A m	TANK LENGTH B m	TANK DEPTH C m	WATER LEVEL m	TRANSLATION SPEED m/1'	INSTALLED POWER IN TRANSLATION kW	INSTALLED POWER FOR LIFTING kW
PVS - PVA 3	3	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.2	0.55	0.25
PVS - PVA 4	4	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.5	0.55	0.25
PVS - PVA 5	5	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.5	0.75	0.37
PVS - PVA 6	6	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.5	0.75	0.37
PVS - PVA 7	7	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.5	0.75	0.37
PVS - PVA 8	8	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.5	0.75	0.55
PVS - PVA 10	10	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.5	1.10	0.75
PVS - PVA 12	12	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.5	1.10	0.75
PVS - PVA 13	13	up to 50 m	2.5 ~ 5	2.0 ~ 4.5	1.5	1.10	0.75

Benefits

- ✓ **Quick installation**
- ✓ **High efficiency sludge and scum removal**
- ✓ **Easy installation even in existing tanks**

Technical Features

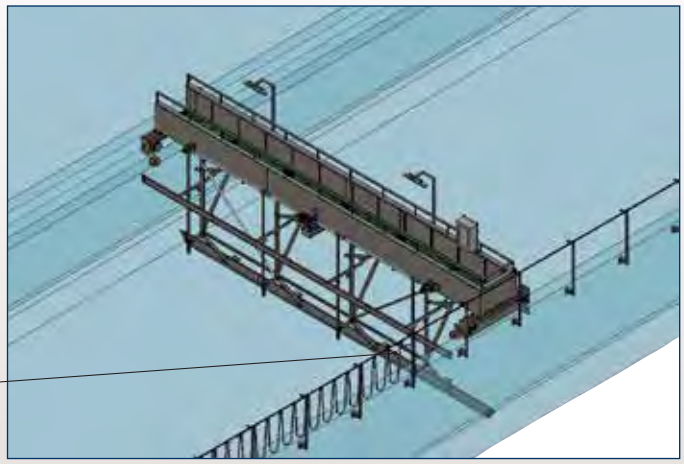
- Available for up to 13m wide and 50m long tanks
- Sludge removal device
- Scum removal device
- Festooned cables
- Control panel
- Hot dip-galvanised carbon steel / 304 L / 316 L SS



PVA model



Festooned Line



PVS model

Accessories

- Scum discharge channel

Application







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