

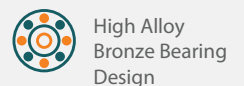
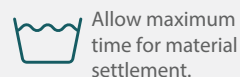
## THICKENER AVTH SERIES



Propel AVTH Thickener Series is designed for seamless integration with Propel washing solutions for efficient water treatment. With flocculent delivery system, it ensures optimum settling of the solids and provides efficient water recovery.

### FEATURES

- ✓ Slurry from the washing systems is delivered to the center of the feed well to mix with flocculent so that sludge settlement time reduced.
- ✓ Flocculent dosing system to maximise good water reclaim.
- ✓ Hydraulic driven agitator allows for easy maintenance as well as reduced inventory for parts.
- ✓ Gravity-based settling supported by rake mechanism allows even settlement of the sludge in the discharge area.
- ✓ Ensures quick and safe access to the integrated cone section minimizing the time required for maintenance and maximizing equipment availability.



**Propel. Always Ahead.**

# TECHNICAL DATA

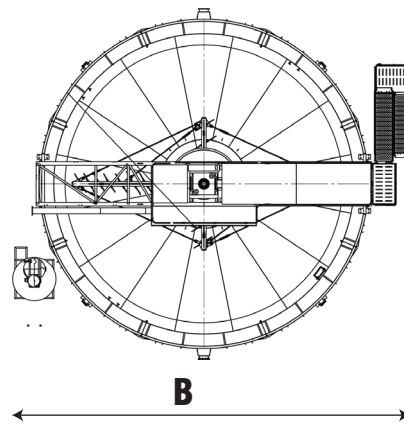
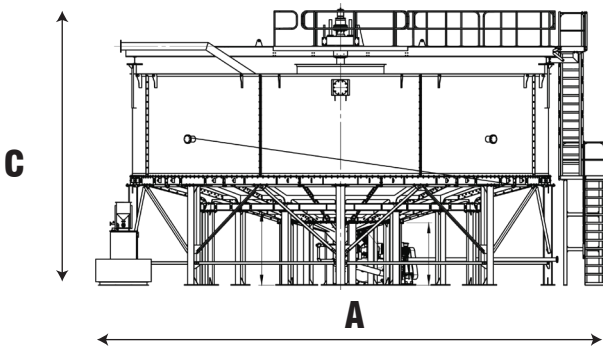
Series		AVTH 06	AVTH 08	AVTH 10	AVTH 12
Diameter of Tank (m)	m	6	8	10	12
Side Wall depth of Tank (m)	m	1.8	2	2.4	3
Volume of Tank	m <sup>3</sup>	50	150	205	374
Rake Arm Lift	mm (Inch)	-	300 (11.8)	300 (11.8)	300 (11.8)
Rake Speed	rpm	0.13 - 0.3	0.13 - 0.3	0.13 - 0.3	0.13 - 0.3
*Capacity	TPH	10	20	30	45
Slurry Pump Power	kW (hp)	7.5 (10.05)	7.5 (10.05)	11 (15)	15 (20)
Total Power	kW (hp)	18 (29.5)	15 (20)	17.5 (25)	22 (30)
Type		TEFC Squirrel Cage Motor		TEFC Squirrel Cage Motor	
Weight	Kg (Ton)	20000 (20.0)	20000 (20.0)	33000 (33.0)	42000 (42.0)

\*Details may vary based on application

Note: All the above technical details may vary at any time during engineering process & design development

# DIMENSIONS

Model	Units	A	B	C
AVTH 6M	mm	9705	6985	6392
AVTH 8M	mm	11376	10621	7058
AVTH 10M	mm	12258	10985	7360
AVTH 12M	mm	14701	12992	8006



# GET IN TOUCH

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