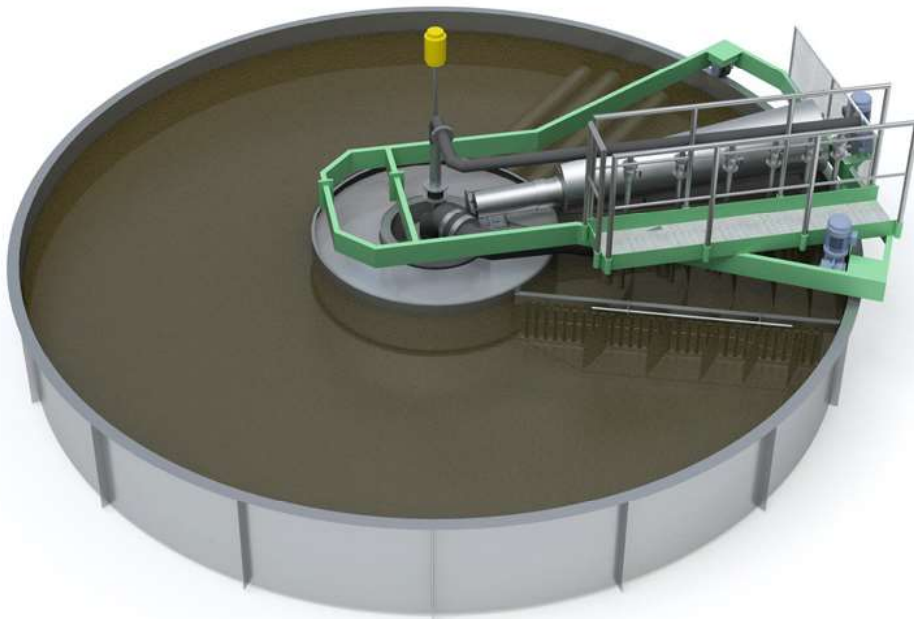


Supercell

Very high flowrate Dissolved Air Flotation (DAF) clarifier



“Zero velocity” water distribution / recovery concept allows the perfect clarification of very high flows with minimum hydraulic turbulence in a tank with only 400 mm water depth.

Advantages

- Very shallow tank - only 950 mm with 400 mm of water depth
- Excellent solution for high flows
- High clarification efficiency with moderate polymer consumption due to “zero velocity” concept
- Low weight loading - 700 kg/m² only
- Very low retention time - less than 3 minutes

Product Applications

- All process water clarification in the paper industry (white water, de-inking, final effluent...)
- High flow industrial effluents
- Tertiary treatment

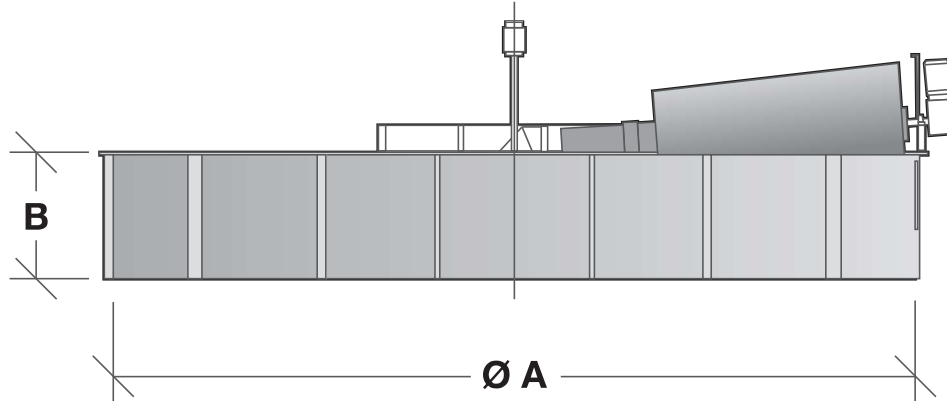
The “Double Rotary Joint” is a recommended option for large units, improving the pressurised water distribution and avoiding bubble coalescence and “air losses” in low conductivity or low temperature effluents.

Check out the video!



Supercell is available in 19 sizes for flows from 16 to 2500 m³/h.

Supercell



Type	Max. flow (m ³ /h)*	Motor scoop (kW)	Motor carriage (kW)	ø A (mm)	B (mm)	Weight full of water (tons)
SPC 6	16	0,18	0,18	1850	755	2,2
SPC 8	34	0,25	0,25	2500	850	4
SPC 10	60	0,37	0,37	3200	850	6,4
SPC 12	90	0,55	0,55	3900	900	9,1
SPC 15	120	0,75	0,75	4500	950	13
SPC 18	180	0,75	0,75	5500	950	20
SPC 20	220	1,1	1,1	6100	950	23
SPC 22	264	1,1	1,1	6700	950	27,5
SPC 24	305	1,5	1,5	7200	950	31,5
SPC 27	386	1,5	1,5	8100	950	42,5
SPC 30	477	2,2	2,2	9000	950	49
SPC 33	588	2,2	2,2	10000	950	62,5
SPC 36	712	2,2	2,2	11000	950	75,5
SPC 40	876	2,2	2,2	12200	950	90
SPC 44	1056	3	3	13400	980	108
SPC 49	1290	4	4	14800	980	135
SPC 55	1660	4	4	16700	1050	185
SPC 62	2000	4	4	18900	1050	245
SPC 70	2500	5,5	5,5	21300	1050	300

* The maximum flow includes recycle flow and is dependent on suspended solids loading and the application.

KWI specialists have vast expertise and experience ranging from engineering to building and commissioning, and from investment to operation.

Let's work together to make your project a success!

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