



SURFACE SKIMMING DECANTER

The innovative decanting system



Our Technology Ensure You A Better Water Quality

	SURFACE SKIMMING DECANTER (SINGLE WEIR)				SURFACE SKIMMING DECANTER (DOUBLE WEIR)			
DATA	iDC-1	iDC-2	iDC-3	iDC-4	iDC-1D	iDC-2D	iDC-3D	iDC-4D
Max water displacement volume (m ³ /h)	120	240	360	480	240	480	720	960
Effluent collection trough (m)	1	2	3	4	1	2	3	4
Decanting adjustable depth (m)	0.01-1.5	0.01-1.5	0.01-1.5	0.01-1.5	0.01-1.5	0.01-1.5	0.01-1.5	0.01-1.5
Downcomer pipe dia. (mm)	150	150	150	150	200	200	200	200
Decant pipe dia. (mm)	250	250	250	250	250	250	250	250

A key piece of equipment in any SBR system is surface skimming decanter. Through years of experience, we have developed a high quality, advanced engineered decanter mechanism. Basic components of the CH Surface Skimming Decanter include:

- Effluent collection trough
- float/scum exclusion baffle
- Decant pipe & downcomer pipe
- Hydraulic power pack system

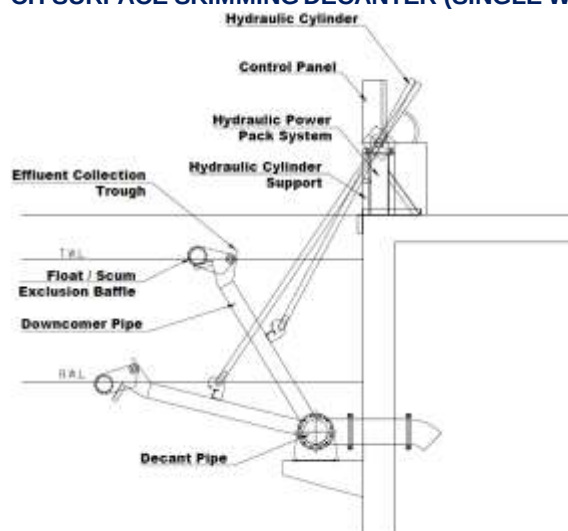
CH Surface Skimming Decanters are individually customized with respect to all following subjects:

- Specification of material (Hot dip galvanized iron / Stainless Steel SUS304 / 316)
- Kind of operation
- Electrical network conditions
- Scope of supply / limit of delivery

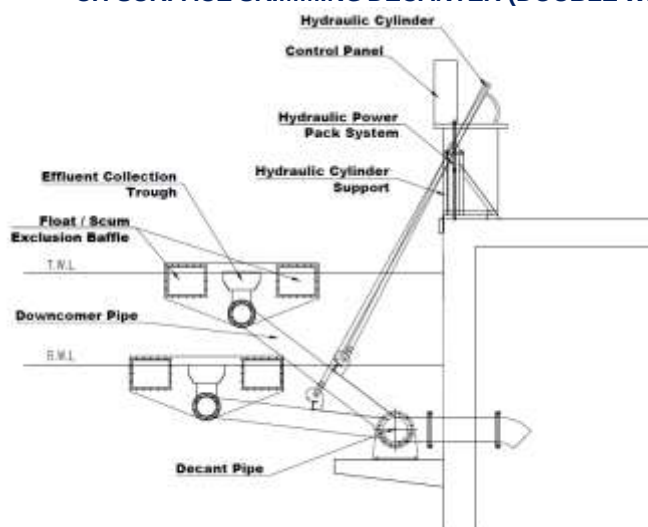
Sequencing batch reactor process is a process in which 4 treatment phase: inflow, aeration, sedimentation and discharge, are conducted cyclically and continuously in a single reactor. For this cyclically operation, proper discharge of the supernatant is essential.

Therefore, supernatant discharge equipment must provide safe and reliable performance. CH Surface Skimming Decanter fulfills these requirements.

CH SURFACE SKIMMING DECANTER (SINGLE WEIR)



CH SURFACE SKIMMING DECANTER (DOUBLE WEIR)



MANUFACTURING BY:

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