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HB20 SILTBUSTER

The Siltbuster's HB20 clarifiers utilise Lamella plate technology to maintain ideal settlement conditions within each unit, thereby, ensuring maximum particle settlement and minimum unit footprint.



LAMELLA PLATE TECHNOLOGY

Utilizes Lamella Plates to maintain ideal settlement conditions within each unit



AUTOMATIC SLUDGE REMOVAL SYSTEM

[On request] Making the HB20 operate virtually maintenance free



ENVIRONMENTALLY SUSTAINABLE

Maximum particle settlement results in a minimal unit footprint

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The HB20 units are ideal for sites with limited access, restricted spaces and temporary projects. The units can also be fitted (on request) with an automatic sludge removal system making their operation virtually maintenance free.

Siltbusters HB range of clarifiers can be configured as single or multiple units for gravity separation and discharge-to-sewer applications.

They can also be supplied as part of a complete, tailored, packaged treatment solution, including ancillary equipment, such as dewatering systems, pipe flocculators and dosing systems.

KEY FEATURES



Lamella Plate Technology ensures ideal settlement conditions and maximum particle settlement.



[OPTIONAL]

Auto de-sludge system continuous process. Removes settleable particles continuously.



Units can be linked together to accommodate for a wide range of flows, pump sizes and particles.



Small footprint, large settlement area. Enabling rapid particle settlement and water clarification.



No down time. No cleaning required on a daily or weekly basis.



Compact design, readily transportable. Up to 7 units per truck.



A single hopper, large settlement area, fast and simple to set up, easy to operate.



[OPTIONAL]

Flash Mixer. The unit allows for chemical coagulation and Flocculation within the system.

TECHNICAL DATA

HB20 SPECIFICATIONS

Nominal Design Flow Rate	20m ³ /hr
Max. Hydraulic Flow Rate	40m ³ /hr
Hydraulic Separation Area	19m ²
Sludge Thickening Area	1.2m ²
Sludge Hopper Capacity	0.45m ³
Dimensions (LxWxH)	2.5m x 1.2m x 2.6m
Dry Shipping/Operating Weight	1.1/3.8 Tonnes
Influent Connection	3" Female Bauer
Treated Water Connection	4" Male Bauer
Sludge Hopper Outlet	DN100 PN10 Flange/ 4" Male Bauer

MATERIAL

Clarifier Body	413 Carbon Steel
Inclined Plates	PVC
Surface Preparation	Mild steel shot blasted to min. SA2.5
Primer	75 micron, min. d.ft 2 pack high solids zinc rich epoxy primer (Interzinc 52HS by International Protective Coatings)
Top Coat	125 micron, nominal. d.ft isocyanate free, acrylic polysiloxane (Interfine 979) to RAL 5001



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