

# FILTRATION. PURITY.

## HB60 SILTBUSTER

Available Australia wide, the Siltbuster HB60 clarifier utilises 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 HB60 operate virtually maintenance free



### ENVIRONMENTALLY SUSTAINABLE

Maximum particle settlement results in a minimal unit footprint

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## KEY FEATURES



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



[OPTIONAL]

Auto de-sludge system. Continuous process or a timer. Removes settleable particles.



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.



Removable skid, multiple discharge outlets & no moving parts as the unit is gravity treated.



Extendable legs allowing for height adjustments for gravity discharge.



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



Compact design, readily transportable. Up to 4 units per truck.



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



[OPTIONAL]

Rake. Stops excess sludge from getting stuck in the hopper.



[OPTIONAL]

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

The HB60 is specifically designed to remove suspended solids - settleable matter from silt and solids laden surface run-off, groundwater & floating material like organics and oils. 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.

## TECHNICAL DATA

### HB60 SPECIFICATIONS

Nominal Design Flow Rate	40m <sup>3</sup> /hr
Max. Hydraulic Flow Rate	60m <sup>3</sup> /hr
Hydraulic Separation Area	40m <sup>2</sup>
Sludge Thickening Area	3.3m <sup>2</sup>
Sludge Hopper Capacity	2.2m <sup>3</sup>
Dimensions (LxWxH)	2.9m x 2.1m x 2.6m
Dry Shipping/Operating Weight	2.4/9.8 Tonnes
Influent Connection	<ul style="list-style-type: none"> <li>4" BSP Female Threaded Socket</li> <li>4" Female Bauer</li> </ul>
Treated Water Connection	DN150 PN10 Flange/ 6" Male Bauer
Sludge Hopper Outlet	DN100 PN10 Flange/ 4" Male Bauer

### MATERIAL

Clarifier Body	S275 Mild Steel
Inclined Plates	PVC
Surface Preparation	Mild steel shot blasted to min. SA2.5
Primer	75micron, min. d.ft 2 pack high solids zinc rich epoxy primer (Interzinc 52HS by International Protective Coatings)
Top Coat	100micron, min. d.ft 2 Pack high build epoxy finish (Interguard 410 by International Protective Coatings)



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