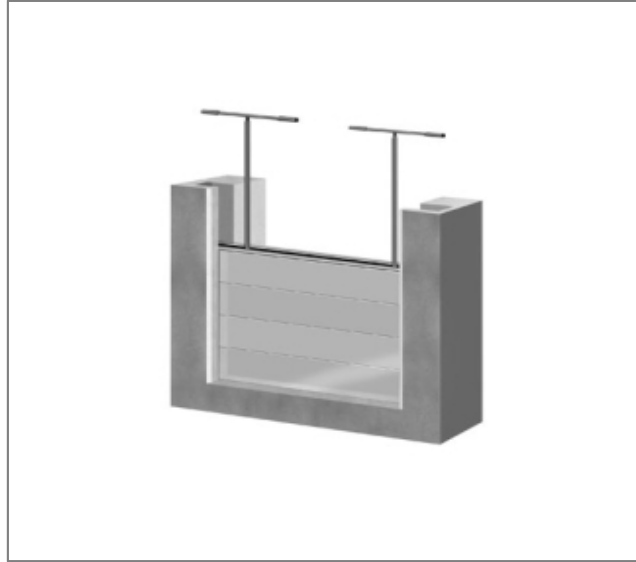


STOP LOG – TECHNICAL DATASHEET



NOTE: The “Illustrative Images” stated in the offer details are added as indicative due to custom manufacturing and confidentiality.

The stop log is a modular gate system used to temporarily isolate flow in open channels and hydraulic structures. Operators insert panels into guide rails and adjust the water level step by step.

TECHNICAL SPECIFICATIONS

Feature	Value / Description
Application	Temporary isolation, flow and level control in channels and hydraulic structures
Type	Wall-mounted or channel-mounted modular stop log system
Material Options	Aluminium alloy, 304/316 stainless steel, hot-dip galvanized carbon steel
Panel Design	Stacked, gasketed log panels forming a watertight barrier
Guide Rails	U- or C-profile rails anchored to concrete structures
Seal Material	EPDM or other elastomers compatible with the process water
Installation	Guide rails fixed with anchor bolts, panels lowered from the top
Lifting / Handling	Hooks, lifting beam or small crane for panel insertion and removal
Design Basis	Number and height of panels sized for design water level

OPERATING PRINCIPLE

Influent water reaches the section where the stop log guide rails are installed. The operator lowers the required number of panels into the rails to reach the desired level. The gaskets

press against the rails and neighbouring panels, limiting the flow through the opening. When maintenance is finished, the panels are lifted out and normal operation resumes.

ADVANTAGES

- Cost-effective isolation solution for rarely operated control points
- Modular panel design allows flexible water level control
- Lightweight elements enable quick installation and removal
- Simple mechanical system with very low maintenance demand
- Corrosion-resistant materials provide long service life
- Custom dimensions for easy integration into existing channels

APPLICATIONS

- Municipal and industrial wastewater treatment plants
- Pump stations and lifting structures
- Irrigation canals and regulator structures
- Balancing tanks and inlet/outlet structures
- Hydropower plants and spillway isolation points