





PECIALISED ATER CONTROL INFRASTRUCTURE

Operating on a worldwide scale, AWMA service all industries with engineered, purpose built, water control equipment and solutions.

AWMA specialise in the design, manufacture, installation and automation of customised water control infrastructure including gates, screens, barriers, baulks and lifting devices. All equipment is supplied under our ISO 9001 accredited quality system, ensuring compliance with all applicable international standards, regulations and project specific requirements.

Our unique approach to design ensures that sustainable solutions are developed in partnership with our clients, resulting in superior operational performance and reduced whole of life costs.

When discussing your next water project, consider AWMA's design consulting services for assistance with specification development, equipment selection and automation systems including integration to SCADA networks.







AWMA's ULF Penstock range consists of undershot regulating penstocks for flow regulation, diversion, level control or isolation. The ULF Penstocks are also known as Sluice Gates, Slide Gates, Sluice Valves, Stop Gates or Water



AWMA's TLF-P is a full perimeter sealing penstock that provides economical isolation for small diameter applications.



AWMA's TLF Penstock range consists of an undershot gate with a full perimeter seal, providing flow isolation for fully submerged on or off seating applications.



AWMA's DLF Penstock range consists of downwards opening, decant weirs.



AWMA's Decant Gate is a high frequency modulating gate for decanting applications, featuring a positive cable drive mechanism.



AWMA's WLF Penstock range consists of a sluice type top sealing penstock featuring a wedge lock seal, designed for high head applications.





AWMA's Stoplog range consists of fabricated modular segments of any size, joined to effectively isolate flows for maintenance, re-direction or containment.

AWMA's Round Bottom Bulkhead is custom engineered for isolating benched profiles, incorporating integral equalisation valves, specialising in high head applications.



AWMA's range of Bulkheads and Roller Gates significantly reduce friction associated issues of in-flow insertion and containment for high head isolation applications.





AWMA's Flap Gate is a one way / non-return flap gate designed to prevent backflow.



AWMA's Self-Regulating Tidal Gate operates via floatation to autonomously manage storm, flood and/or tidal water intrusion.

AWMA's Segmented Stopboard range consists of fabricated modular segments of any size, for regulation, redirection or containment



AWMA's LayFlat (Tilting Weir) Gate range incorporates downwards opening tilt gates for accurate regulation and isolation of flows.



AWMA's Combination Gate range is a dual leaf or multiple leaf gate design consisting of overshot and undershot gates in the one



AWMA's MultiBay LayFlat (Tilting Weir) Gate range incorporates multiple downward opening tilt gates, fabricated into a single structure for accurate regulation and isolation of flows.



AWMA's SideWinder is a horizontal opening slide gate.



AWMA's Head & Discharge Gate range is a dual leaf gate design consisting of overshot and undershot gates in the one frame.



CONCEALED FLOOD BARRIER

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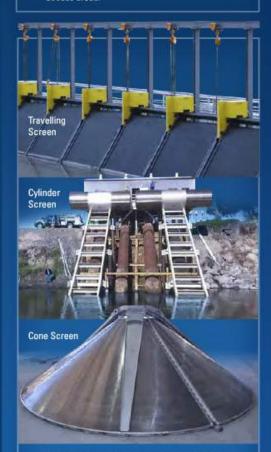
AWMA's Concealed Flood Barrier is a selfactuating barrier concealed below ground level that harnesses rising waters to automatically deploy via flotation.



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TILTING FLOOD BARRIER

AWMA's Tilting Flood Barrier is permanently installed, it self-deploys, rising to a vertical position ahead of flood waters to isolate access areas.



FISH & DEBRIS SCREENS

AWMA offer a range of Australian manufactured Cone Screens, Cylinder Screens and Travelling Screens for gravity and pumped offtakes, to protect native fish and irrigation equipment.



RETRACTABLE

AWMA's Retractable Flood Barrier is a sliding barrier designed specifically to isolate large openings as part of a total flood mitigation system.



DEMOUNTABLE FLOOD BARRIER

read FREE

FLOCO FREE

AWMA's Demountable Flood Barriers allow property and asset owners to manually deploy their own protection barrier to isolate flood and storm waters in and around existing infrastructure.



downstream systems and minimising OH&S risks.

CUSTOM FLOOD Gates

AWMA manufacture a range of purposeengineered flood defence gates and automation solutions that are specifically designed, manufactured and installed to meet site and operational requirements.





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PENSTOCKS | STOPBOARDS | BULKHEADS | FLOODGATES