SPECIALISED WATER 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.

Brett Kelly
Managing Director

AWMA Water Control Solutions
ULF PENSTOCK
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 Gates.

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

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

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

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

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

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

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

BULKHEADS & ROLLER GATES
AWMA’s range of Bulkheads and Roller Gates significantly reduce friction associated with rash of in-flow motion and containment for high head isolation applications.
**Retractable Flood Barrier**

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**

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.

**Concealed Flood Barrier**

AWMA’s Concealed Flood Barrier is a self-actuating barrier concealed below ground level that harnesses rising waters to automatically deploy via rotation.

**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.

**Custom Flood Gates**

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

**Fish & Debris Screens**

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

**Trash Screens**

AWMA’s Mechanical Trash Screens remove bush, debris from waterways, often protecting downstream systems and minimising UHS risks.

**Specialised Water Control Gates**

AWMA specialise in engineering one-off products for site specific water, effluent and odour control.