



Rodney Hunt

Water & Sewage Control Equipment

PRODUCTS AT A GLANCE



Any type of gate or material - We do it all !

- Slide Gates ■ Stoplogs ■ Bulkhead Slide Gates ■ Flap Gates ■ Roller Gates
- Butterfly Gates ■ Crest Gates ■ Tainter Gates ■ Bonneted Gates ■ Knife Gate Valves
- Cast Iron ■ Stainless Steel ■ Duplex ■ Super Duplex ■ Aluminum
- Steel ■ Composite ■ Fibre Reinforced Plastic ■ HDPE



ENGINEERING EXCELLENCE AND EXPERIENCE

Since 1840, the engineering team at Rodney Hunt has pioneered safe and reliable flow control systems in thousands of applications around the world. In 2016, Rodney Hunt joined forces with Jash Engineering Ltd., a company with 68 years experience in manufacturing of flow control products and having a leadership position in Asia. Together, we bring more than 250 years of experience designing customized solutions to meet the needs of the most challenging applications worldwide.

SUPERIOR QUALITY

We bring exceptional quality to every project using application based solutions, proven designs, manufacturing flexibility and rigorous testing procedures. We offer one of the most flexible and comprehensive cast, metal fabrication, machining, assembly and testing operations at our in-house facilities in the USA and India. This allows us to monitor and ensure quality in all aspects of production and to provide consistent reliable and superior products.

COMPREHENSIVE PRODUCT OFFERING

Our product offering is unrivalled in the flow control marketplace. From all types and sizes of cast and fabricated gates, in a wide variety of material options encompassing metals and composite, to custom valve and actuation options, we bring a total solution to every project. The breadth of our product offering enables us to bring unequalled expertise to your planning and decision making process.

RESPONSIVE SERVICE

We pride ourselves on providing professional responsiveness to your needs throughout the design, manufacturing and installation processes. Our engineering team is available for consultation during all phases of your project. Dedicated project managers serve as a single point of contact once the order is in-house and our knowledgeable field service team is always ready to provide on-site support.



1. Offices, Engineering & Inventory, 2. Dedicated Stainless Steel Fabrication Shop, 3. Water Jet, 4. Welding Area, 5. CNC Brake Press

CAST IRON SLIDE GATES

Rodney Hunt offers a wide range of designs of cast iron gates as under in compliance with AWWA C560 to suit varied applications, head duty and budgets.

- SERIES:A-101-** Cast iron slide gates, 20 feet seating and 20 / 10 feet unseating head, size 4" x 4" to 48" x 48", flat back frame construction.
- SERIES:A-102-** Cast iron slide gates, 60 feet seating and 30 feet unseating head, size 20" x 20" to 84" x 84", sectional frame construction.
- SERIES:A-103-** Cast iron slide gates, 60 feet seating and 30 feet unseating head, size 20" x 20" to 84" x 84", integral frame construction.
- SERIES:A-104-** Cast iron slide gates, 100 feet seating and 100 feet unseating head, size 24" x 24" to 144" x 144", universal frame construction.
- SERIES:A-105-** Cast iron slide gates, 25 feet seating and 25 feet unseating head, size 24" x 24" to 144" x 144", zero leakage GLYDASEAL™ design.
- SERIES:A-201-** Cast iron open channel slide gates, to suit flow to gate height, size 12" x 12" to 180" x 180", side wall embedded frame construction. (Series: A-202- side wall anchored & Series: A-203- face wall mounted)
- SERIES:A-301-** Cast iron weir gates, head equal to the height of slide since there is no header seal, size 12" x 12" to 118" x 200".



STAINLESS STEEL SLIDE GATES

Rodney Hunt offers a wide range of design of fabricated stainless steel slide gates as under in compliance with AWWA C561 to suit varied applications, head duty and sealing arrangements.

- SERIES:A-111-** Stainless steel slide gates, 20 feet seating and 20 / 10 feet unseating head, size 4" x 4" to 48" x 48" with SELF SECURE™ resilient sealing.
- SERIES:A-112-** Stainless steel slide gates, 20 feet seating & 20 / 10 feet unseating head, size 4" x 4" to 48" x 48" with HARSA™ rigid sealing.
- SERIES:A-113-** Stainless steel slide gates, 30 feet seating and 20 feet unseating head, size 20" x 20" to 120" x 120" with HARSA™ rigid sealing.
- SERIES:A-114-** Stainless steel slide gates, upto 60 feet seating and unseating head possible, size 20" x 20" to 120" x 120" with PRESS-ON™ resilient sealing.
- SERIES:A-211-** Stainless steel open channel slide gates, to suit flow to gate height, size 12" x 12" to 180" x 180", side wall embedded frame, with EASY SLIDE™ resilient sealing. (Series: A-212- side wall anchored & Series: A-213- face wall mounted)
- SERIES:A-311-** Stainless steel weir gates, head equal to the height of slide since there is no header seal, size 12" x 12" to 118" x 200" with HARSA™ rigid / PRESS-ON™ resilient sealing.



ALUMINUM SLIDE GATES



Rodney Hunt offers extruded / fabricated aluminum slide gates as under in compliance with AWWA C562 to suit low head applications.

SERIES:A-121- Aluminum slide gates, 20 feet seating and 20 feet unseating head, size 12" x 12" to 78" x 118" with HARSA™ rigid / PRESS-ON™ resilient sealing.

SERIES:A-221- Aluminum open channel slide gates, to suit flow to gate height, size 12" x 12" to 78" x 118" side wall embedded frame with HARSA DUO™ rigid / EASY SLIDE™ resilient sealing. (Series:A-222-side wall anchored & Series:A-223-face wall mounted)

SERIES:A-321- Aluminum weir gates, head equal to the height of slide since there is no header seal, size 12" x 12" to 78" x 118" with HARSA™ rigid / PRESS-ON™ resilient sealing.

COMPOSITE SLIDE GATES



Rodney Hunt offers composite slide gates as under in compliance with AWWA C563 to suit corrosive and sea water applications.

SERIES:A-151- Composite slide gates, 10 feet seating and 10 feet unseating head, size 12" x 12" to 72" x 72" with PRESS-ON™ resilient sealing.

SERIES:A-251- Composite open channel slide gates, to suit flow till height of slide, size 12" x 12" to 72" x 72", side wall embedded frame, with EASY SLIDE™ resilient sealing. (Series: A-252- side wall anchored & Series:A-253-face wall mounted)

SERIES:A-351- Composite weir gates, head equal to the height of slide due to 3 sides sealing, size 12" x 12" to 72" x 72" with PRESS-ON™ resilient sealing.

STOPLOGS



Rodney Hunt offers stainless steel, extruded aluminum and composite sectional stoplog as under.

Series:A-411- Stainless steel sectional stoplog, to suit flow to stoplog height, size 12" x 12" to 118" x 200", side wall embedded frame. (Series: A-412-side wall anchored & Series:A-413-face wall mounted)

Series:A-421- Aluminum sectional stoplog, to suit flow to stoplog height, size 12" x 12" to 118" x 200", side wall embedded frame. (Series: A-422-side wall anchored & Series:A-423-face wall mounted)

Series:A-451- Composite sectional stoplog, to suit flow to stoplog height, size 12" x 12" to 118" x 200", side wall embedded frame. (Series: A-452- side wall anchored & Series:A-453-face wall mounted)

BULKHEAD SLIDE GATES

Bulkhead gates are a cost-effective way for dewatering channels. These gates are custom designed for specific applications in almost any size. Stacking gates also permits flow control for larger openings. Bulkhead gates are usually installed and removed under balanced head conditions, utilizing an overhead crane.

SERIES:A-511- Stainless Steel bulkhead gates, up to 100 feet seating and 100 feet unseating head, size 36" x 36" to 180" x 180" with side wall embedded frame. (Series: A-512- side wall anchored & Series: A-513- face wall mounted)

SERIES:A-521- Aluminum alloy bulkhead gates, up to 100 feet seating and 100 feet unseating head, size 36" x 36" to 180" x 180" with side wall embedded frame. (Series: A-522- side wall anchored & Series: A-523- face wall mounted)

SERIES:A-531- Structural Steel bulkhead gates, up to 100 feet seating and 100 feet unseating head, size 36" x 36" to 180" x 180" with side wall embedded frame. (Series: A-532- side wall anchored & Series: A-533- face wall mounted)



FLAP GATES

Rodney Hunt offers a wide range of flap gates to prevent back flow in free discharge applications.

SERIES:A-601- Cast iron flap gates, for circular opening 4" to 30" with metal / resilient sealing.

SERIES:A-602- Cast iron flap gates, for circular opening 12" to 108" with metal / resilient sealing.

SERIES:A-603- Cast iron flap gates, for square / rectangular opening size 12" x 12" to 108" x 108" with metal / resilient sealing.

SERIES:A-611- Fabricated flap gates, for circular opening 6" to 96" with resilient sealing.

SERIES:A-612- Fabricated flap gates, for square / rectangular opening 12" x 12" to 108" x 108" with resilient sealing.

SERIES:A-641- HDPE flap gates, for circular opening 6" to 60" with resilient sealing.

SERIES:A-642- HDPE flap gates, for square / rectangular opening 12" x 12" to 60" x 60" with resilient sealing.

SERIES:A-652- Composite flap gates, for square / rectangular opening 12" x 12" to 108" x 108" with resilient sealing.

SERIES:A-672- Flexible composite flap gates, for square / rectangular opening 12" x 12" to 48" x 48" with resilient sealing.



ROLLER GATES



Roller gates are used for flood control jobs, irrigation jobs, industrial water control jobs, dams, water treatment plants, sewage treatment plants & power plants etc.

The Rodney Hunt roller gate is designed to control flow and reduce operating loads for large openings, high head applications, or where frequent operation is required. Stainless steel wheels are mounted on each side of the gate and operate on rails, which are mounted on each side of the opening.

Rodney Hunt offers size range up to 240" x 144" square or rectangular with head range as per the client requirement / up to 200 feet head in series as mentioned below:

SERIES:A-515- Stainless Steel Roller Gates.

SERIES:A-535- Structural Steel Roller Gates.

BUTTERFLY GATES



Butterfly gates are normally used for Sewage treatment plants, Water filtration plants, Power plants, industrial water control jobs etc applications.

Rodney Hunt butterfly gates have bubble – tight shutoff, stainless steel to resilient sealing, three side and four side sealing options, self-lubricating bushings and two way adjustable thrust bearings. Specially designed vane reduces turbulence and strengthens assembly.

Rodney Hunt offers size range up to 120" x 240" square / rectangular with head range as per the client requirement in series as mentioned below:

SERIES:A-911- Stainless Steel Butterfly Gates.

SERIES:A-931- Structural Steel Butterfly Gates.

CREST GATES



Crest Gates are used for flow and level control, with an established reputation for long life and low maintenance in a wide range of applications. Rodney Hunt has been manufacturing hinged crest gates for over 50 years. The Bascule® and Pelican® designs were acquired from Allis-Chalmers in 1990.

Rodney Hunt offers size range up to 360" x 144" square or rectangular with head range as per the client requirement in series as mentioned below:

SERIES:A-711- Bascule® Gate Design Stainless Steel Crest Gates.

SERIES:A-731- Bascule® Gate Design Structural Steel Crest Gates.

SERIES:A-712- Pelican® Gate Design Stainless Steel Crest Gates.

SERIES:A-732- Pelican® Gate Design Structural Steel Crest Gates.

The Bascule® Gate is normally limited to 10' (3m) high depending on the application, location of the gate, type of actuation and head.

RADIAL / TAINTER GATES

Radial / Tainter gates are used for flood control jobs, irrigation jobs, industrial water control jobs, Dams, water treatment plants, sewage treatment plants & power plants etc.

Rodney Hunt Tainter gates are normally used to control the flow of water or wastewater over a dam or drainage structure to provide a wide and unobstructed opening. These gates, which are sometimes very large, are sturdily designed for long life and low maintenance in difficult conditions, but also incorporate a number of "designed-in," installation & field-adjustment features.

Rodney Hunt offers size range up to 360" x 144" square or rectangular with head range as per the client requirement in series as mentioned below:

SERIES:A-715- Stainless Steel Radial / Tainter Gates.

SERIES:A-735- Structural Steel Radial / Tainter Gates.



BONNETED GATES

Bonneted gates are normally used for regulating flow in dam outlet works. It is a completely enclosed slide gate that is designed and manufactured to be embedded (except for the actuator) in concrete.

A Bonneted Gate consists of a vertically sliding disc, upstream and downstream frame sections, a bonnet, bonnet cover, upstream and downstream transition sections, one or more conduit liner sections, and an actuator.

Rodney Hunt offers size range 48" x 48" to 144" x 144" square or rectangular with head range as per the client requirement / up to 500 feet head in series as mentioned below:

SERIES:A-915- Stainless Steel Bonneted Gates.

SERIES:A-935- Structural Steel Bonneted Gates.



Rodney Hunt has the capability to design and manufacture gates for heads and sizes larger than those stated above. Rodney Hunt can also offer custom designed gates to suit any specific application of the client. Rodney Hunt also offers FRP and HDPE gates in addition to composite gates for use in corrosive application. All the above products shown can be provided with manual, electric, hydraulic or pneumatic operating mechanisms as well as extended spindle to enable gate operation from platform located far above from the gate.

Other products offered by Rodney Hunt or our associated companies include knife gate valves up to 160" dia. and various types of trash rack and mechanized screens for use in water intake, pumping and treatment applications.



Diameter 72" Knife
Gate Valve, Miami Dade
Water & Sewer Dept., FL

Rodney Hunt water control equipment are installed in most of the prestigious & biggest projects worldwide. We bring the same expertise & experience to your projects as well, whether it is big or small !

For more information about our products or to contact a sales representative, visit the Rodney Hunt website www.rodneyhunt.com or call at any of our offices.



10' x 10', Cast Iron Slide Gates, Phoenix, AZ



30' x 28.5', Roller gate, Idaho Power's Swan Falls, ID



20' x 8', Crest Gates, Landsburg Fish Passage Ravensdale, WA



36.5' x 18.85' Tainter Gates L.L. Anderson Dam, CA

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