JASH

SINCE 1948

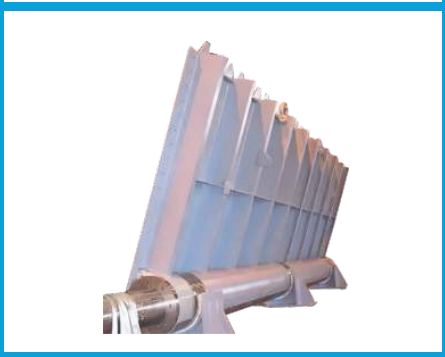
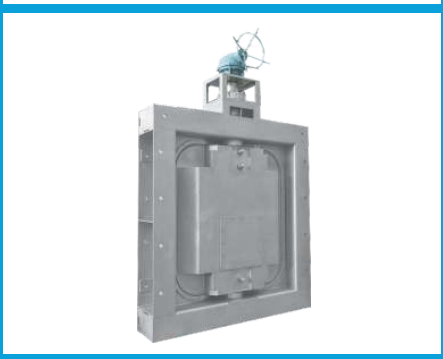
WATER & SEWAGE CONTROL EQUIPMENT

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 1948, the engineering team at Jash has pioneered safe and reliable flow control systems in thousands of installation in India and around the world. In 2016, Jash acquired Rodney Hunt, a company with 177 years experience in manufacturing of flow control products and having a leadership position in North America. Together, we bring more than 250 years of experience in designing customized solutions to meet the needs of the most challenging applications worldwide.

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 plastics, to custom valve and actuation options, we bring a total solution to every project. The breadth of our product offering enables us to bring an unequaled impressive range of expertise to your planning and decision making process.

SUPERIOR QUALITY

We bring exceptional quality to every project using application based solutions, proven designs, manufacturing flexibility & rigorous testing procedures. We offer one of the most flexible and comprehensive cast, metal fabrication, machining, assembly & testing operations at our inhouse facilities in India (ISO 9001:2015, ISO 14001:2015 & BS OHSAS 18001:2007 Certified) and USA . This allows us to monitor and ensure quality in all aspects of production & to provide consistent reliable & superior products.

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 & our knowledgeable field service team is always ready to provide on-site support.









A. Head Office at Indore. India, **B.** Unit-1. Cast Iron Products Plant, **C.** Unit-2. Fabricated Products Plant, **D.** Unit-3. SEZ Plant

CAST IRON SLIDE GATES

Jash offers a wide range of designs of cast iron gates as under in compliance with IS13349 / BS7775 / AWWA C560 to suit varied applications, head duty and budgets.





SERIES:A-101- Cast iron slide gates, 6 m seating and 6 / 3 m unseating head, size 100 x 100 mm to 1200 x 1200 mm, flat back frame construction.

SERIES:A-102- Cast iron slide gates, 18 m seating and 9 m unseating head, size 500 x 500 mm to 2100 x 2100 mm, sectional frame construction.

SERIES:A-103- Cast iron slide gates, 18 m seating and 9 m unseating head, size 500 x 500 mm to 2100 x 2100 mm, integral frame construction.

SERIES:A-104- Cast iron slide gates, 30 m seating & 30 m unseating head, size 600 x 600 mm to 3600 x 3600 mm, universal frame construction.

SERIES:A-105- Cast iron slide gates, 7.5 m seating and 7.5 m unseating head, size 600 x 600 mm to 3600 x 3600 mm, zero leakage GLYDASEAL™ design.

SERIES:A-201- Cast iron open channel slide gates, to suit flow to gate height, size 300 x 300 mm to 4500 x 4500 mm, 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 300 x 300 mm to 3000 x 5000 mm.

STAINLESS STEEL SLIDE GATES

Jash offers a wide range of design of fabricated stainless steel slide gates as under in compliance with BS7775 / AWWA C561 to suit varied applications, head duty and sealing arrangements.





SERIES:A-111- Stainless steel slide gates, 6 m seating and 6 / 3 m unseating head, size 100 x 100 mm to 1200 x 1200 mm with SELF SECURE™ resilient sealing.

SERIES:A-112- Stainless steel slide gates, 6 m seating & 6 / 3 m unseating head, size 100 x 100 mm to 1200 x 1200 mm with HARSA™ rigid sealing.

SERIES:A-113- Stainless steel slide gates, 9 m seating and 6 m unseating head, size 500 x 500 mm to 3000 x 3000 mm with HARSA™ rigid sealing.

SERIES:A-114- Stainless steel slide gates, upto 18 m seating and unseating head possible, size 500 x 500 mm to 3000 x 3000 mm with PRESS-ON™ resilient sealing.

SERIES:A-211- Stainless steel open channel slide gates, to suit flow to gate height, size 300 x 300 mm to 4500 x 4500 mm, 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 300 x 300 mm to 3000 x 5000 mm with HARSA™ rigid / PRESS-ON™ resilient sealing.

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ALUMINUM SLIDE GATES



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

SERIES:A-121- Aluminum slide gates, 6 m seating and 6 m unseating head, size 300 x 300 mm to 2000 x 3000 mm with HARSA™ rigid / PRESS-ON™ resilient sealing.

SERIES:A-221- Aluminum open channel slide gates, to suit flow to gate height, size 300 x 300 mm to 2000 x 3000 mm 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 300 x 300 mm to 2000 x 3000 mm with HARSA™ rigid / PRESS-ON™ resilient sealing.

NON-METALIC SLIDE GATES



Jash offers FRP / composite slide gates as under in compliance with BS7775 / AWWA C563 to suit corrosive and sea water applications.

SERIES:A-161- FRP slide gates, 3 m seating and 3 m unseating head, size 300 x 300 mm to 1800 x 1800 mm with PRESS-ON™ resilient sealing.

SERIES:A-151- Composite slide gates, 10 m seating and 10 m unseating head, size 300 x 300 mm to 3000 x 3000 mm with HARSA™ rigid resilient sealing.

SERIES:A-261- FRP open channel slide gates, to suit flow till height of slide, size 300 x 300 mm to 1800 x 1800 mm, side wall embedded frame, with EASY SLIDE™ resilient sealing. (Series: A-262- side wall anchored & Series: A-263-face wall mounted)

SERIES:A-251- Composite open channel slide gates, to suit flow till height of slide, size 300 x 300 mm to 3000 x 3000 mm, side wall embedded frame, with HARSA™ rigid 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 300 x 300 mm to 3000 x 3000 mm with HARSA™ rigid resilient sealing.

STOPLOGS



Jash offers stainless steel, extruded aluminum & composite sectional stoplog as under.

SERIES:A-411- Stainless steel sectional stoplog, to suit flow to stoplog height, size 300 x 300 to 3000 x 5000 mm, 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 300 x 300 to 3000 x 5000 mm, 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 300 x 300 to 3000 x 5000 mm, 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 30 m seating and 30 m unseating head, size 900 x 900 mm to 4500 x 4500 mm 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 10 m seating and 10 m unseating head, size 900 x 900 mm to 4500 x 4500 mm 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 30 m seating and 30 m unseating head, size 900 x 900 mm to 4500 x 4500 mm with side wall embedded frame. (Series: A-532- side wall anchored & Series: A-533- face wall mounted)

FLAP GATES

Jash 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 100 mm to 750 mm with metal / resilient sealing.

SERIES: A-602- Cast iron flap gates, for circular opening 300 mm to 2700 mm with metal / resilient sealing.

SERIES: A-603- Cast iron flap gates, for square / rectangular opening size 300 x 300 mm to 2700 x 2700 mm with metal / resilient sealing.

SERIES: A-611- Fabricated flap gates, for circular opening 150 mm to 2400 mm with resilient sealing.

SERIES: A-612- Fabricated flap gates, for square / rectangular opening 300 x 300 mm to 2700 x 2700 mm 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 300 x 300 mm to 1500 x 1500 mm with resilient sealing.

SERIES: A-652- Composite flap gates, for square / rectangular opening 300 x 300 mm to 2700 x 2700 mm with resilient sealing.

SERIES: A-672- Flexible composite flap gates, for square / rectangular opening 300 x 300 mm to 1200 x 1200 mm with resilient sealing.

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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 Jash 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.

Jash offers size range up to 6000 x 3600 mm square or rectangular with head range as per the client requirement / up to 60 m 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.

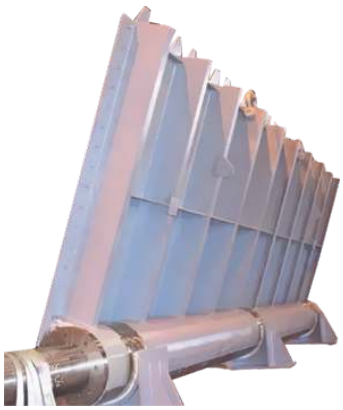
Jash butterfly gates have bubble – tight shutoff, stainless steel to resilient sealing, three side and four side sealing options, self-lubricating bushings and two way adjustable thrust bearings. Specially designed vane reduces turbulence and strengthens assembly.

Jash offers size range up to 3000 x 6000 mm 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. The Bascule® and Pelican® designs were acquired from Allis-Chalmers in 1990 and now belong our subsidiary company USA.

Jash offers size range up to 9000 x 3600 mm 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 3 m 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.

Jash 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.

Jash offers size range up to 9000 x 3600 mm 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.

Jash offers size range 1200 x 1200 mm to 3600 x 3600 mm square or rectangular with head range as per the client requirement / up to 150 m head in series as mentioned below:

SERIES:A-915- Stainless Steel Bonneted Gates.

SERIES:A-935- Structural Steel Bonneted Gates.



Jash has the capability to design and manufacture gates for heads and sizes larger than those stated above. Jash can also offer custom designed gates to suit any specific application of the client. Jash also offers HDPE gates in addition to composite & FRP 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 Jash or our associated companies include knife gate valves up to 4 m diameter and various types of trash rack and mechanized screens for use in water intake, pumping and treatment applications.



Diameter 1800 mm Knife Gate Valve, Miami Dade Water & Sewer Dept., FL, USA

Jash 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 request a quote, contact AirAqua Pty Ltd on
+61 (0) 434 397 890



3000 x 3000 mm Cast Iron Slide Gates, Phoenix, AZ, USA



9000 x 8550 mm, Roller gate, Idaho Power's Swan Falls, ID, USA



**6000 x 2400 mm, Crest Gates,
Landsburg Fish Passage Ravensdale, WA, USA**



**10950 x 5650 mm Tainter Gates L.L.
Anderson Dam. CA, USA**

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Exclusive distributor of Jash Engineering for Australia and New Zealand

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