

Established in 2007 and known by its quality and technology, **hydrostec** is one of the main manufacturers in the world for equipment and systems in irrigation, sewage, energy and industrial markets.

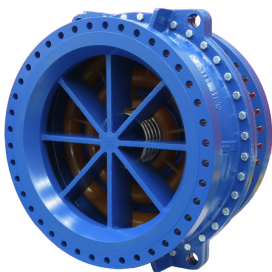


Plant in Taubaté – SP - Brazil (Equipment)  
Land - 90.879m<sup>2</sup> Construction – 13.002m<sup>2</sup>



Plant in Caucaia – CE - Brazil (Steel pipes)  
Land – 320.000m<sup>2</sup> Construction – 7.471m<sup>2</sup>

### Quick Closing Non-Return Valve



Reduction of water hammer with high overpressure values.

Obturator in polyurethane with longitudinal movement.

Wafer type up to ND500mm and flanged for ND > 500mm.

ND50 to 2200mm  
NP10 to 50bar

Catalogue B20.14.0-I

### Aquavar® Quick Closing Non-Return Valve



Reduction of water hammer with high overpressure values.

Obturator in polyurethane with longitudinal movement.

Wafer type.

ND200 to 1200mm  
NP10 to 25bar

Catalogue – Not available.

### Multijet Control Valve



Automatic control of flow and pressure.

Operated manually or by an actuator.

Wafer type.

ND100 to 1500mm  
NP6 to 25bar

Catalogue B30.15.0-I

### Butterfly Valve



Flow blocking.

Manual, electrical and hydraulic drive.

Flanged and double eccentric type in accordance to AWWA C504 standard.

ND100 to 2500mm  
NP10 to 25bar

Catalogue – Not available.

### Gate Valve



Flow blocking.

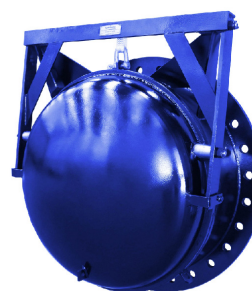
Metallic wedge or encapsulated wedge with rubber compound.

Manual and electrical drive.

ND100 to 1200mm  
NP10 to 25bar

Catalogue B80.23.0-I

### Flap Valve



Prevents the back-flow.

Flanged joint type and concrete embedded type.

Welded or cast iron construction.

ND100 to 600mm (cast iron)  
ND100 to 3000mm (welded-steel)  
NP 1bar (10mca)

Catalogue A40.07.1-I

### High Efficiency Air Valve



Admittance and discharge of air to/from inside pipeline. (tri-function).

Obturator in polyurethane.

ND50 to 300mm  
NP10 to 25bar

Catalogue – Not available.

### Neyrtec® Air Inlet Valve



Admittance and discharge of air to/from inside pipeline.

ND80mm, ND150mm and ND250mm

Catalogue B60.20.0-I

### Dorot Control Valve



Flow, pressure and level control.

Automatic operation.

ND50 to 600mm  
NP10 to 25bar

Catalogue - Dorot Control Valves

### Fixed Cone Dispersion Valve



Dam flow discharge control.

Activation by a hydraulic cylinder and electrical actuator.

ND200 to 2500mm  
NP 1 to 16bar

Catalogue D30.31.0-I

### Ball Valve



Flow blocking with low loss.

Activation by a hydraulic cylinder with counterweight, manual or electrical actuator.

ND500 to 2500mm  
NP 6 to 25bar

Catalogue D20.30.0-I

### Hydramer® Reservoir With Bladder



Water hammer control.

Butyl or poliurethane bladder.

Capacity = 1 to 120m<sup>3</sup>  
NP 6 to 40bar

Catalogue – Not available.

### Steel Pipes With Spiral Welding



Transport of raw water, treated water and sewage.

Manufactured in accordance to AWWA C-200.

ND400 to 3000mm  
Thickness= 4,25 to 19mm  
NP up to 50bar

Catalogue D80.38.1-I

### Dresser, Telescopic and Rigid Joints and Accessories (Flanges, Bends, T's, others)



Absorbs expansions and allows the assembly of valves.

ND400 to 2500mm  
NP 10 to 25bar

Catalogue D60.34.0-I

### Fabricated Stainless Steel Slide Gate



Control and blocking of flow.

Single and double flow direction.

Manufactured in stainless steel with UHMWPE sealing in accordance to C513 and 561 standard.

Activation can be manual or motorized with electrical or hydraulic actuator.

WxH or ND = 200 x 200mm to 3000 x 3000mm  
NP 5 to 30mca

Catalogue – Not available.

### Sluice Gate



Control and blocking of flow.

Single and double flow direction.

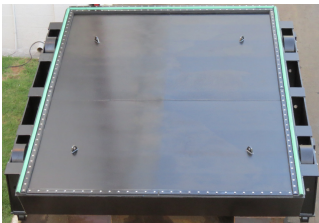
Manufactured in cast iron with brass or bronze in accordance to AWWA C501 standard.

Activation can be manual or motorized with electrical or hydraulic actuator.

WxH or ND = 200 x 200mm to 1200 x 1200mm  
NP 10 to 23mca

Catalogue A50.09.0-I

### Slide and Fixed-Wheel Gate



Flow control and protection in hydraulic systems.

Activation can be manual or motorized with electrical or hydraulic actuator.

WxH = 0,20 x 0,20m to 10,00 x 10,00m

Catalogue A60.10.0-I

### Tainter Gate



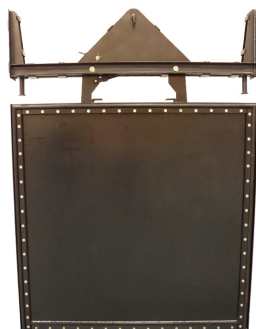
Water level control.

Opening and closing operations by hydraulic system.

WxH = 1,00 x 1,00m to 20,00 x 20,00m

Catalogue D50.33.0-I

### Bulkhead Gate (Stop-log)



Inspection and maintenance of structures and equipment.

Operated by lifting equipment with the assistance of a lifting beam.

WxH = 1,00 x 1,00m to 20,00 x 20,00m

Catalogue D40.32.0-I

### Spillway Gate



Level and flow control.

Operated by hydraulic cylinders or bladder with compressed air. Manufactured under Obermeyer Hydro Inc. license.

WxH = 3,00 x 1,00 to 200,00 x 6,00m

Catalogue – Not available.

### Amil® Gate



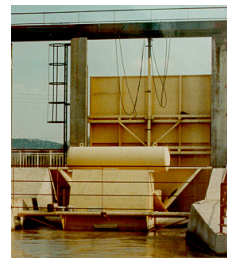
Constant upstream level control in channels and reservoirs.

Automatic operation with float and counter-weight.

WxH = 0,85 x 0,45m to 8,50 x 4,50m (21 models)

Catalogue A10.01.0-I

### Avio® / Avis® Gate



Constant downstream level control in channels and reservoirs.

Avio® – Gate for submerged openings.  
Avis® – Gate for channel free surface flow.

Automatic operation with float and counter-weight.

WxH = 0,25 x 0,25m to 5,00 x 2,50m  
(Avio® = 26 models, Avis® = 20 models)

Catalogue A10.02.0-I

## Trashrack



Protecting pumps and hydraulic turbines from debris entering.

Fixed and removable type.

Operated by lifting equipment with the assistance of a lifting beam.

WxH = 0,5 x 0,5m to 50 x 20m

Catalogue D70.35.0-I

## Baffle Distributor®



Constant flow intake equipment for free surface discharge.

Manual operation.

8 different types with 130 models.

Flow Q = 30 to 3000 l/s

Catalogue A25.05.0-I

## Safety Siphon®



Safety Overflow Weir (Weir escape).

Automatic operation.

9 models.

Flow Q = 60 to 1400 l/s

Catalogue A30.06.0-I

## Self-Centering Disc Obturator®



Regulation of downstream level at the end of underpressure pipeline.

Automatic operation by float assistance.

Hooded type: ND32 to 500mm x PN 1 to 25bar

Submerged type: ND125 to 1000mm x NP 1 to 6bar

Catalogue B10.12.0-I

## Travelling Crane, Gantry Crane, Jib Crane and Monorail Crane



Operation and assistance in the maintenance of gates, valves and pumps.

Capacity = 500kgf to 100tf

Catalogue D70.36.0-I

## Other Equipment:

- Mixed® Gate – Catalogue A15.03.0-I
- Cylinder® Gate – Catalogue A20.04.0-I
- Flow Divider® – Catalogue A80.11.0-I
- Self-Centering Disc Valve® – Catalogue B10.13.0-I
- Neyrtec® Pressure Relief Valve – Catalogue B40.17.0-I
- Sonic® and Duosonic® Air Exhaust Valves – Catalogue B60.20.0-I
- Equivar® Constant Flow Valve – Catalogue B70.21.0-I
- Stop® Valve – Catalogue B70.22.0-I
- Butterfly Valve – Catalogue D10.29.0-I
- Duo Check Valve

