

The logo for Hydrostal, featuring the word "Hydrostal" in a white, italicized, sans-serif font with a horizontal line through the middle of the letters, set against a blue rectangular background.

Hydrostal

Providing Screw Centrifugal Impeller Solutions



The impeller geometry and free passage is designed to cope with solids laden liquids especially those solids that are raggy and fibrous.



The gentle handling impeller is designed for pumping delicate produce, for example fish, fruit, vegetables and crystals/crystalline slurries, without damage.

Reducing The Cost Of Pumping

When it comes to providing the most cost effective and appropriate pumping solution no one does it better than Hidrostat.

The screw centrifugal impeller has been designed to minimise Life Cycle Costs (LCC). And by applying its industry knowledge, technical expertise and wide range of engineering skills, Hidrostat really does understand pumping problems and is able to solve them.

Every aspect of a contract can be undertaken:

- Concept
- Design
- Manufacture
- Installation
- Commissioning
- Service

Hidrostat The No Worry Solution

Hidrostat provide support throughout the life of a project. The mechanical & electrical design, development and installation services are complemented by after sales service and support capabilities.

- On-going consultancy
- Technical support
- Maintenance & repair
- Operator & maintenance training
- Spares





Working in Water

- Network pumping stations
- Sewage treatment plants
- Sludge pumping expertise
- Emergency pumping



Working in Industry

- Aquaculture
- Brewing
- Civil Engineering
- Construction
- Food Processing
- Paper
- Petrochemical
- Oil and gas
- Sugar refining



Principal Applications are:

WASTEWATER

- Raw unscreened Sewage
- Primary Sludge
- Blended Sludge
- Digester Sludge Recirculation
- Return Activated Sludge (R.A.S)
- Surplus Activated Sludge (S.A.S)
- Tanker Loading
- Storm water



CLEAN WATER

- Auto-desludging
- River intake
- Clarifier Sludge
- Transfer of Granulated Activated Carbon (G.A.C)
- Bulk water transfer containing fish

Application

- Delicate crystals
- Effluent
- Live fish
- Movement of fruit & vegetables
- Oily water
- Paper stocks
- Wastewater
- Slurries
- Sump emptying



End Suction

Hidrostal offer two dist being suitable for horiz mounting. The direct a flange mounted mot having convenient mai The long coupled moc heavy duty design. Bc Hidrostal's wide choic and shaft sealing optic



Direct Coupled

The direct flange mour onto the bearing frame the possibility of shaft additional security, a fl also employed. The ur horizontal and vertical pull out design means unit, including the mot withdrawn for inspecti the hydraulic end. Ava branch sizes of 50 to 6



Long Coupled

The long coupled pumps are of a traditional design, offering robust construction and long reliable service for both vertical and horizontal mounting. The bearing housing is of modular construction, permitting various arrangements of mechanical seal or soft packing to be used. The shaft end bearings have been selected to be used with belt drives and yet maintain long bearing lives.





Unlike other mixing systems, the any pipework or structural steel inlet and outlet pipes mounted or to collect rags or encourage the floor. As a result of these features Every Hidrostal mixing installation account the sludge characteristic Proposals can be based on CFD analyses to ensure that the pump optimised. For large tanks, we c where there is the opportunity to heights and discharge angles.



Fish & Food Pumps

Originally developed for pumping the processing plant, the Hidrost proved to be ideal for a wide range including fruit, vegetable, fish, and refining industries.

The impeller consists of a single the suction of the pump. Gentle l materials is guaranteed by the ve angles which give gradual press

