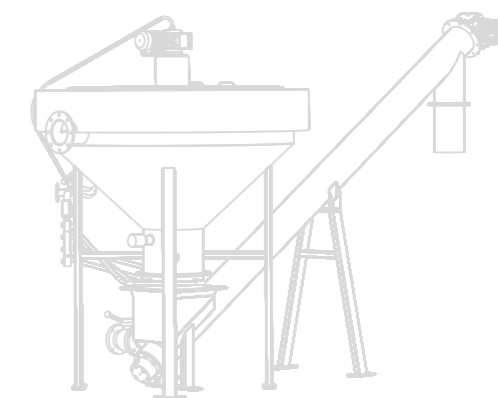
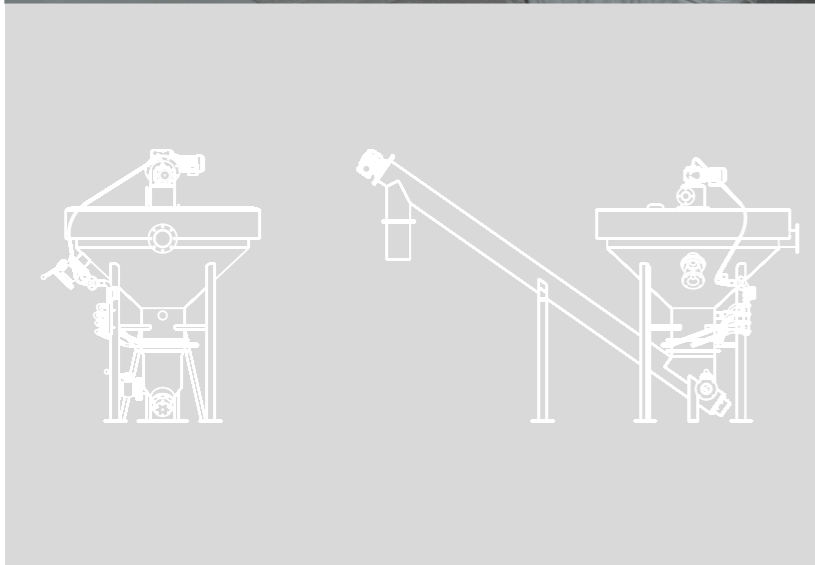


An important component – the controls. For optimisation of performance, the whole system is regulated by PLC-driven circuitry, with warning sensors, and adjustment options.



A classifier installed in Hagenbrunn, Austria. The unit was entirely workshop-assembled in stainless steel and has a capacity of 11 l/s. After washing, the collected sand has an organic content of less than 3% by volume. The building is odour-free.



Engineering & Manufacturing JASH has been supplying equipment to water-related industry for more than 30 years, in a range of products and in a range of applications. We believe that our professional experience reveals itself in the quality of our products and their performance. The high-quality standards seen in the E&M JASH equipment-line are a direct result of the need to fulfill stringent manufacturing and environmental standards.



30 years
development
for waste water treatment

E&M JASH Wash Classifier



Integrated operation – proven results

A multi-functional unit ...

All automated, the machine collects, separates, treats and then transports, for discharge or re-use. Inflow of water and sand/grit and organic material undergoes a staged extraction and treatment process. The grit is washed, settled out, transported and dewatered by Archimedean screw and, ultimately, is deposited in the hopper, clean and dry. The organics are artificially-suspended in flotation, to be siphoned off as required to an extraction point, whilst the waste-water is ultimately returned to the cycle of flow.

... using both steel and fluid ...

A unique combination of weirs, baffles, and water-jet injection separates the solids. Whilst competitor products rely simply on stirrers and settlement time, the E&M JASH Sand Wash - Classifier also employs a combination of up-draught water jets and a rotating spray bar for the dual purpose of grit-washing and to aid flotation of the

... in tried and tested technology ...

The complete unit is a self-contained, welded construction, to be plumbed-in at site. It can be fabricated in various grades of stainless steel, or otherwise special alloys as required by the application. Each is supplied fully-complete, with the electrical and electronic controls.

Design-driven but operationally simple

Minimal attendance and low maintenance

Rugged construction, superior components and qualified instruction on set-up and maintenance will ensure optimum results. The adjustable controls allow site-modification of the process sequence and cycle-times, and sensors such as that for grit-level provide fail-safe assurances in unattended operation.

Superior performance

In trials, prototypes of the classifier surpassed rigid standards set by European authorities. Against stringent criteria for organic outtake, sand/grit cleansing, and dewatering thereof, the E&M JASH Sand Wash Classifier achieved results above expectations.

... to suit ...

In other applications where there are different inflow rates, particle sizes, and dry-solid and organics loads,

Engineering & Manufacturing JASH can design and construct to suit.

ISO 9001 CERTIFIED

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