

SCREW PUMPS

SCREENS

SCREENINGS HANDLING

COMBINATED SYSTEMS

GRIT HANDLING

CONVEYOR

ELECTRICAL- and AUTOMATION TECHNOLOGY

MEASUREMENT and CONTROL TECHNOLOGY

SERVICE SUPPORT

ARCHIMEDEAN SCREW PUMP KWS

Transports of Liquid Material

KUHN Archimedean Screw Pumps

Hardly any other machine in the waste-water sector provides as many benefits as the screw pump attributed to the Greek scientist and mathematician Archimedes.

- Extremely durable, low-maintenance and operationally reliable
- Unparalleled efficiency with large control range (no loss of suction power or pressure)
- Gentle conveying process for biological cultures. No adverse effect on the sedimentation properties and floc structure - this substantially facilitates the treatment of waste water
- Conveys raw waste water with the coarsest impurities and additional screening at pump stations is avoided
- The Archimedean screw pumps are extremely resistant to blockage
- Service with shorter response durations for all makes and types

Economy

Although the screw pump system is highly resistant and can "cope with" many faults and errors, the service life - and hence the cost-effectiveness - depends on how optimal the concept is, along with the experience of the manufacturer.

As Germany's oldest and largest manufacturer of screw pumps, we have been providing robust and sustainable solutions for over 40 years.

Refurbishment

When refurbishing existing systems, it is important to combine the optimal solution with the most economical refurbishment process. With our close contacts to the leading concrete repairers, we offer you unparalleled cross-industry expertise. In this way, we can also meet the demands of the buildings, some of which are 40 - 50 years old.

Technical Features

KUHN is the only manufacturer with complete mastery over all types of troughs, from rotating casing troughs to special thin-layer mortar troughs, and which can determine, design and build the optimal system for you. After all, there are no poor solutions, just incorrect applications!

Some examples of our machines and trough variants:

- Site concrete
- Special mortar system
- Prefabricate stone trough
- Basalt tiles
- Troughs for grout with concrete (Steel/Hardox®)
- Stationary pipe (self-supporting, compact design)
- Rotating pipe sleeve (self-supporting, compact design)



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