



## YOUR REQUIREMENTS – OUR OFFER

**LOG WASHERS**  
for an output of 50 – 300 t/h

**LOG WASHERS**  
with a tub length up to 8,000 mm

**TWIN-SHAFT LOG WASHER**  
in different tub widths in special designs



**LOG WASHERS**  
with special upward-current device

### LEARN MORE ABOUT THE STICHWEH PRODUCTS AND SERVICES:

**WE SUPPLY:** Drag scrapers • Washing and dewatering bucket wheels • Log washers  
Preparation plants/screening machines • Complete solutions • Special solutions • Electrical switching  
and control systems • Spare parts • Used machines

**WE OFFER** for your next project and your plant: **Service and Service Engineering**

Just call us: **T +49. 51 86. 94 14 - 0**



# CLEAN STRONGLY CONTAMINATED RAW MATERIAL CORRECTLY

OUR PROFESSIONAL PROGRAM: LOG WASHER





Operating successfully:  
STICHWEH Preparation plant with twin-shaft log washer  
DSW 120/2100/6000

→ Learn more under: [www.smt-stichweh.com](http://www.smt-stichweh.com)

## PERFECTLY PROCESSED FOR AN OPTIMAL FURTHER PROCESSING

When processing raw materials often strongly contaminated raw material arises. To clean strongly contaminated gravel or sand effectively, **STICHWEH offers log washers – depending on the task – as one shaft or twin-shaft log washer.**

### → STICHWEH LOG WASHER:

- available as one shaft or twin-shaft version
- to wash heavily contaminated gravel and sand
- to eliminate wood and other pollutants
- if requested with load-dependent frequency control
- solid tub made of bended steel panel
- durable drive consisting of a gear drive in an oil and dust proof gearbox

## FROM PROFESSIONALS TO PROFESSIONALS: HIGHLY DURABLE AND SMOOTH RUNNING!



**STICHWEH log washers** prove themselves even under extreme operating conditions:

### → STICHWEH log washers – Quality in every detail:

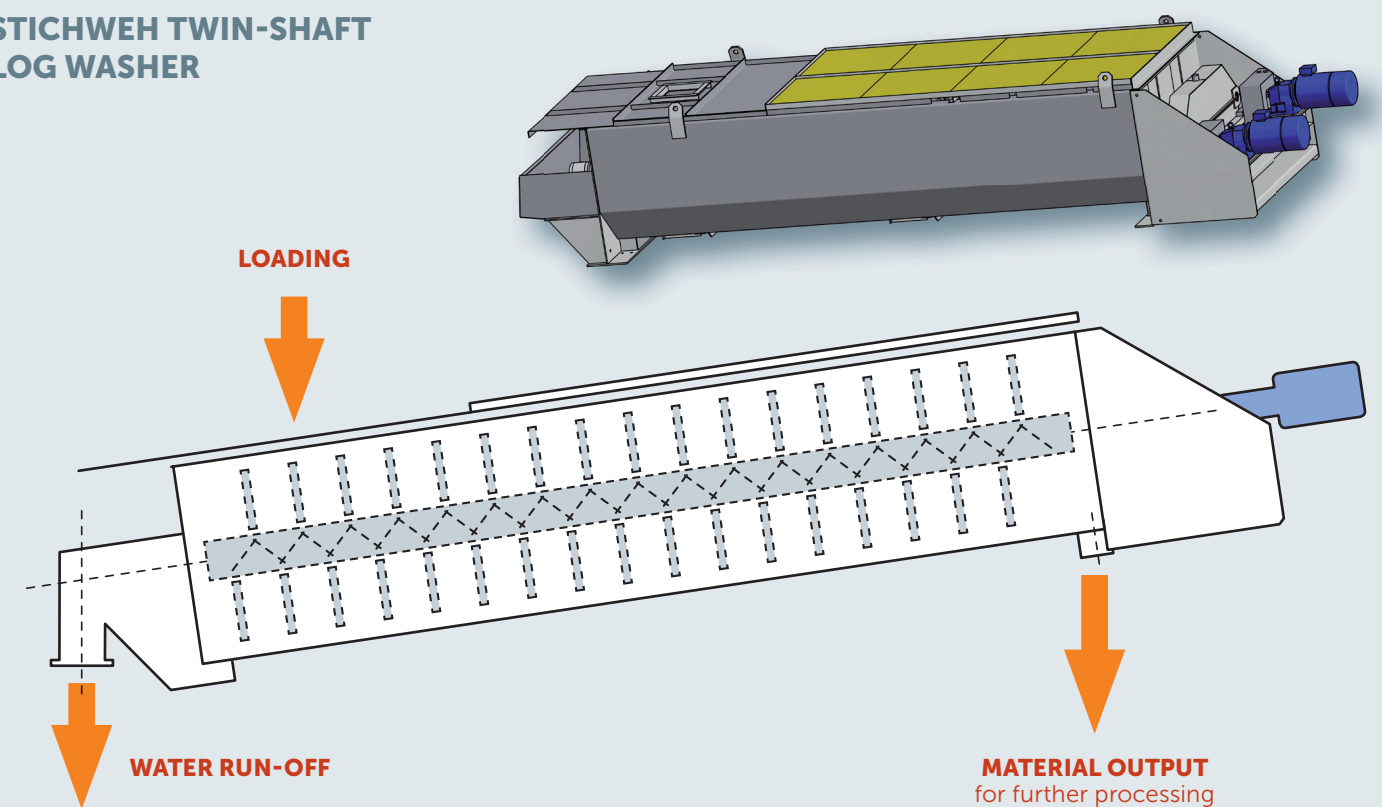
- The shafts (made of thick-walled tube) taking up the blades are supported on the drive side by a high-dimensional roller bearing each.
- At the lower end, the shafts are also supported on a high dimensional spherical roller and axial bearing each that absorb the axial forces (Radiax bearing).
- The gear runs in an oil bath.
- The special arrangement of the blades assures a uniform and smooth running.
- The blades are made of highly wear-resistant steel (Brinell hardness 500 – 600) or special materials.



### HOW IT WORKS:

- The contaminated material is fed into the log washer at the lower end of the tub and transported by the counter-rotating paddle-shafts to the upper end of the tub run-out.
- Through the arrangement of the counter-rotating paddled shafts, the helical arrangement of the blades and the associated work angle, the material is force-transported and under high impact load and friction effect to the tub run-out.
- With the help of the upward-current device this effect can even be intensified, so that also organic contaminants like wood and coal can be eliminated.

### STICHWEH TWIN-SHAFT LOG WASHER



**MORE SAND. MORE GRAVEL. MORE SUCCESS.**