



# Screenbowl Service Exchange

## Key centrifuge components

Owners of FLSmidth screenbowl centrifuges can take advantage of the FLSmidth Service Exchange solution that supports rapid delivery and installation of several key components.

### The centrifuge range

Designed for long-lasting performance, these machines have high availability and are easy to operate and maintain. Despite being manufactured from quality materials, and employing a robust design, several parts will experience wear over time. Based on customer feedback FLSmidth has identified the most frequently replaced items and included these in the Service Exchange product line.

This means, during times of planned maintenance or breakdown, replacement parts can be shipped quickly - allowing plants to minimise downtime and resume operations promptly.

### What components are available?

Screenbowl centrifuge components available for Service Exchange include:

- 6" rotating assembly
- 8" rotating assembly
- Lay-shaft assembly 44 x 132
- Gearbox 1000K

# Outstanding service life

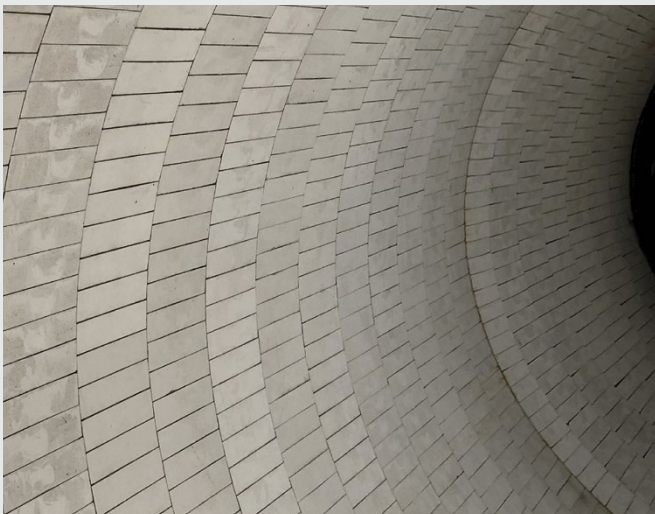
## Rotating assembly exchange

FLSmidth's Service Exchange product line allows plant managers to replace a worn or damaged rotating assembly with a reconditioned rotating assembly from FLSmidth inventory. This service supports plant managers in keeping their centrifuge working at capacity.

## Commitment to service life with minimal maintenance costs

The FLSmidth Service Exchange product promotes the long service life of FLSmidth's centrifuge range as it allows maintenance managers to replace worn rotating assemblies, lay-shaft assemblies and gearboxes with original equipment manufacturer (OEM) components.

To ensure optimal performance and extend maintenance intervals all FLSmidth Service Exchange components are manufactured from high-quality materials and exceed the original design specifications. Service Exchange components may also benefit from upgrades, developed as part of the longstanding relationship with owners of FLSmidth equipment. All Service Exchange parts have been proven to ensure that they are completely compatible with the existing installation and carry a six-month Manufacturer's Warranty.



Ceramic alumina tiles applied to beach and bowl for wear resistance



Screenbowl Rotating assembly on transport frame, ready for protective wrap

## Included (Screenbowl rotating assembly)

- Strip and assessment
- Beach and bowl assembly
  - Recondition beach and bowl
  - Replace fasteners in sequence (matched set)
- Screen section
  - Repair and refit weir plates
  - Remove and replace tungsten tiles (if required)
  - WEAR-RESIST™ exterior of screen, and profile screen windows
- Conveyor
  - Repair or replace flights
  - Re-machine final OD of flights
  - Re-tile and WEAR-RESIST™ flights
- Solids and liquid headwall
  - Remove and replace plows and curved tiles on solids headwall
  - Repair and finish liquid head wall discharge ports
  - Replace head wall seals, labyrinth rings and bearings
  - WEAR-RESIST™ stem, plows and band
- Blast and paint all mild steel surfaces
- Balancing of sub-assemblies prior to final assembly
- Final assembly of conveyor and screen
- Manufacturer's warranty

## Options

- Lay-shaft assembly
- 1000K gearbox

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