Upgrade to the cutting-edge HFC1300 Series 2 horizontal, fine-coal centrifuge and take advantage of the FLSmidth Service Exchange solution that supports rapid delivery and installation.

**Reliable and predictable performance**

As part of the FLSmidth Service Exchange product line, Series 1 models can be upgraded to the HFC1300 Series 2 design. Delivery can occur within days of the order being placed and be incorporated into any planned maintenance programme. Core unit components are assessed by FLSmidth for reuse. Reconditioned, upgraded and tested units are then returned to stock. All equipment in the Service Exchange product line will perform as new.

**Series 2 key benefits**

- Extended basket life
- More robust protection against wear
- Less downtime
- Better process control
- Upgraded grease lubrication system
- More stable clutch behaviour
- Seamless upgrade from Series 1
- Continuous monitoring of torque
Exceptional mechanical reliability with outstanding dewatering performance

**Innovative opportunity for system upgrade with minimal impact**

The FLSmidth HFC1300 Series 2 is a cutting-edge centrifuge that takes productivity and performance to the next level when dewatering fine coal. The original Series 1 model is already best known in the industry for its small footprint, high capacity and unbeaten performance, all of which remain key benefits of the Series 2. Changes in wet-end configuration reduces operating loads and speeds which improves drivetrain life, and reduces overall power consumption.

The upgraded clutch allows the machine to continue to operate at higher peak torques during product surging while protecting the machine against expensive gearbox overloads. The Series 2 provides more accurate torque control and incorporates a load cell for real-time condition monitoring of the machine.

The basket has been optimised to improve life and performance. A new scroll and distribution geometry allows the feed to be more evenly distributed across a larger open area, maximising dewatering performance and throughput. The increased life of the basket combined with the improved machine reliability allows maintenance intervals to be significantly increased.

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**Included**

- Reconditioned main frame and water housing
- Upgraded clutch and torque monitoring system
- New larger basket
- New design scroll (WEAR MAX®)
- Patented distributor (WEAR MAX®)
- Upgraded labyrinth and grease system
- Guard (lightweight)
- Driven pulley and belts
- Equipment isolation mounts
- IOM manual and installation layout to site specification
- Manufacturer’s warranty

**Options**

- Drive motor

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>HFC1300 S2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity (tph)</td>
<td>75-100</td>
</tr>
<tr>
<td>Basket speed (rpm)</td>
<td>450</td>
</tr>
<tr>
<td>Basket angle (degrees)</td>
<td>20</td>
</tr>
<tr>
<td>Overall dimensions L x W x H (mm)</td>
<td>3,010 x 2,256 x 2,065</td>
</tr>
<tr>
<td>Lubrication motor (kW)</td>
<td>0.75</td>
</tr>
<tr>
<td>Typical feed size range (mm)</td>
<td>-6 to +1</td>
</tr>
<tr>
<td>Machine weight (kg)</td>
<td>6,300</td>
</tr>
</tbody>
</table>

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**Upgraded drive and wet end internal components**

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**HFC1300 S2 Service Exchange fine coal centrifuge**

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