



Product datasheet

HFC™ 1300 Service Exchange Horizontal fine-coal centrifuge

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

Reliable and predictable performance

As part of the FLS 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 FLS for reuse. Reconditioned, upgraded and tested units are then returned to stock. All equipment in the Service Exchange product line will perform as new.

Benefits for Series 2

- 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 and outstanding dewatering performance

Innovative opportunity for system upgrade with minimal impact

The FLS 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. Series 2 provides more accurate torque control and incorporates a load cell for real-time condition monitoring of the machine.

Our 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.



Upgraded drive and wet end internal components



HFC 1300 S2 Serive Exchange fine coal centrifuge

Included

- Options
- Specifications

Model	HFC1300 S2
Nominal capacity (tph)	75-100
Basket speed (rpm)	450
Basket angle (degrees)	20
Overall dimensions (L x W x H (mm))	3,010 x 2,256 x 2,065
Lubrication motor (kW)	0.75
Typical feed size range (mm)	-6 +0.1
Machine weight (kg)	6,300

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