

## NEW: Modular SFEH high-performance rotator

Suitable for Gripen timber grapples

**“We get the best grapples turning”**

Schouten Machines, based in Liessel in the Netherlands, has more than 25 years of experience in developing, manufacturing and selling forestry machinery. With the modular SFEH high-performance rotator, we present a robust and powerful solution for professional use.

**250-420 bar**

Operating pressure

**6-12 t**

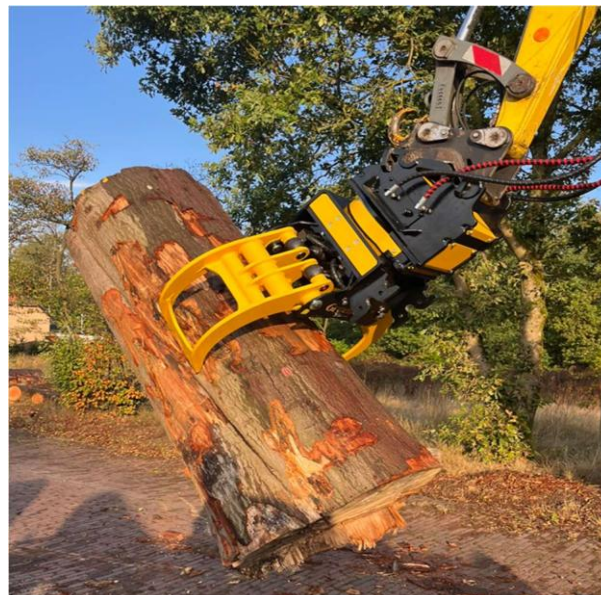
Machine class

**HIGH-FLOW**

Rotary union

**MODULAR**

Gripen-compatible



### Developed for demanding applications

The SFEH rotator was developed entirely in-house. It combines two proven strengths of Schouten Machines: Gripen grapples have represented quality, robustness and durability for more than 30 years. The SFE rotators were developed to the same high-quality standards, extensively tested and engineered for professional use.

#### U-Adapter

- Fast and easy installation of various Gripen grapples (models 025-028, HD, BIO, C and RC).
- Open internal space for protected hydraulic quick couplings, for example for a saw unit or tree shear.
- Mount for the SFEH quick coupler positioned on the outside of the adapter.

#### SFEH quick coupler

- Fast attachment changes, such as saw units or tree shears, directly on the job.
- Robust, user-friendly clamping system with only two pins.
- Short changeover times and minimal downtime.

## Slewing ring

- Robust external gearing for transmitting high torque.
- Precision-machined contact surfaces for high load capacity and long service life.

## SFEH gear - developed in-house

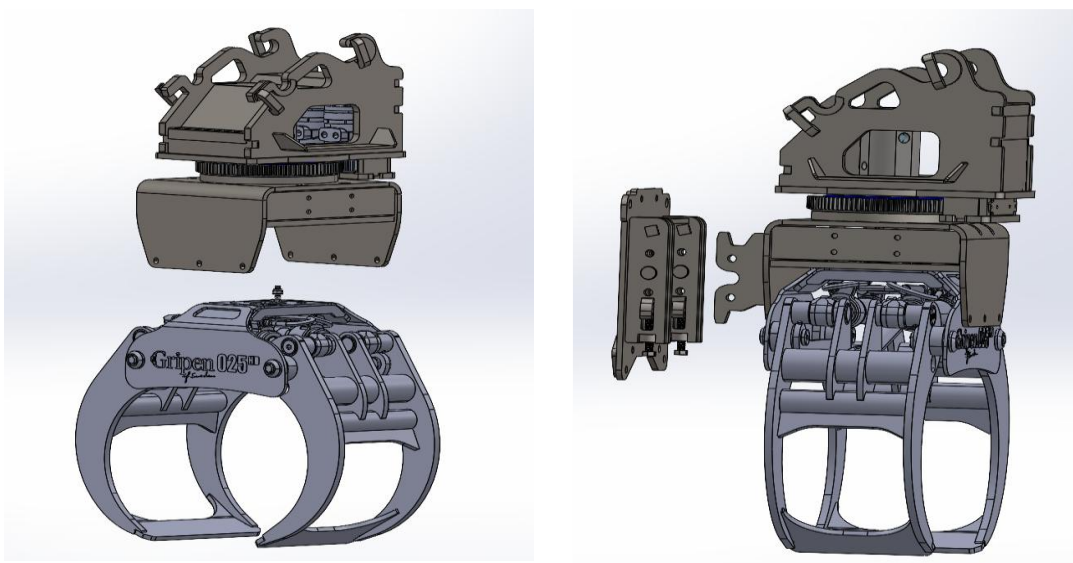
- Dual bearing support above and below the gear.
- Optimised absorption of forces and high torque under heavy-duty conditions.
- Reduced load on both hydraulic motors, resulting in a longer service life.

## SFEH high-flow rotary union - developed in-house

- Extra-large oil channels for high flow rates.
- Minimal pressure loss, even at high flow rates.
- Lower heat generation and reduced hydraulic power losses, with potential fuel savings.
- Main oil connections designed as SAE flange connections.
- Suitable for operating pressures up to 420 bar.
- High permissible rotation speed thanks to high-quality sealing technology.
- Prepared for a 12/24-volt electrical feed-through.

## Mounting interface

- Compact and robust construction.
- Mounting interfaces available for common quick-coupler systems, including CW10, S45, S50 and Lehnhoff VL80.
- Excellent maintenance access thanks to easily removable protective covers.



## General technical specifications

- Suitable for machines in the 6 to 12 tonne weight class.
- High-quality, durable finish: sandblasted and powder-coated.
- Also available ex works with a tree shear for trunk diameters up to 350 mm; technical specifications on request.
- SFE saw unit available soon.



## Five years of development for professional use

The SFEH rotator is the result of five years of development, practical experience and extensive field testing. The result is a modular high-performance rotator that combines robustness, high hydraulic performance and flexible application options.



## Contact

For further information and technical questions, Noud Schouten will be pleased to assist you personally.

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