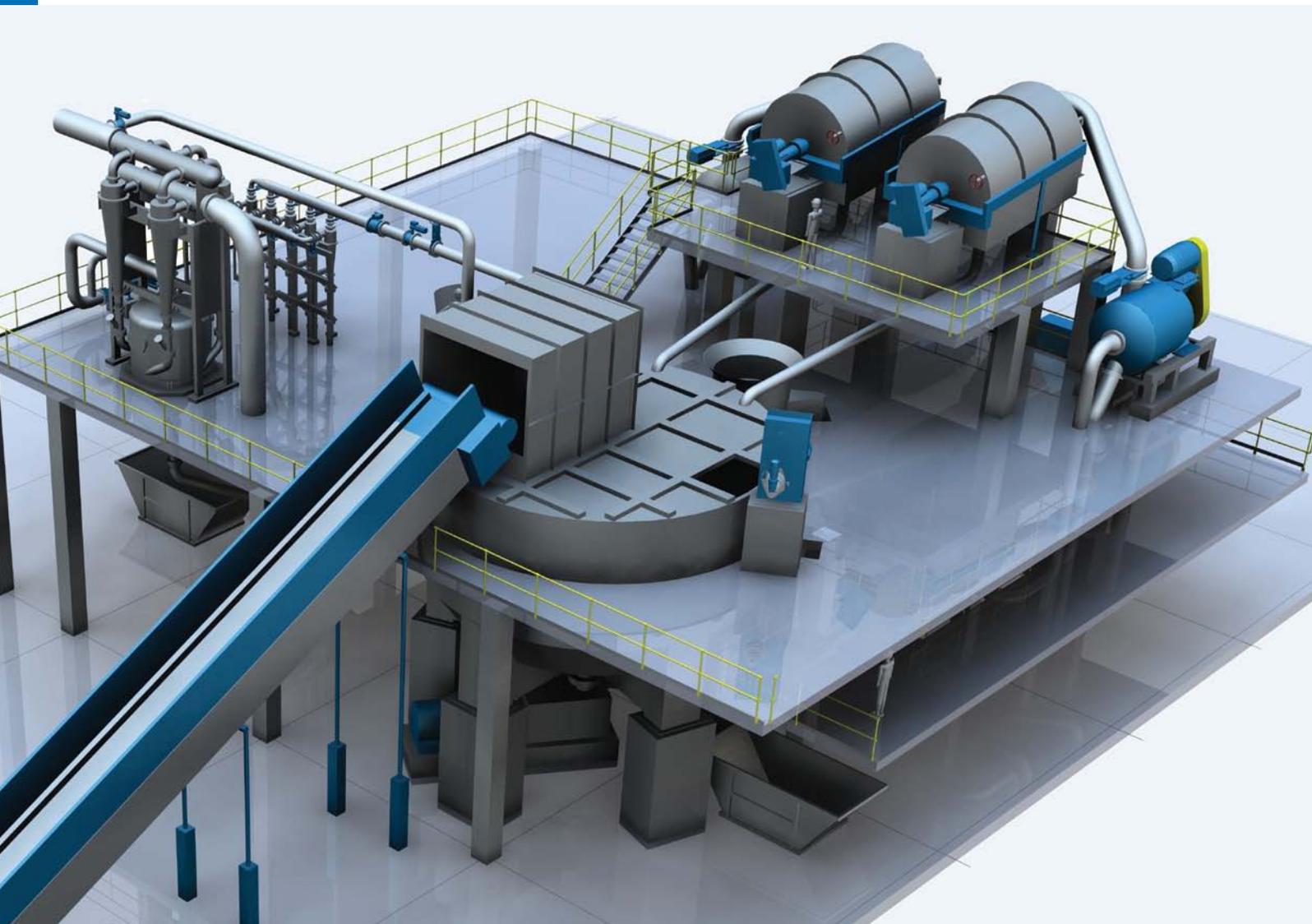


## **FibreGuard system**

Continuous low-consistency pulping  
of all types of recycled paper



# The challenge: Handling of all recycled papers with higher amounts of contaminants

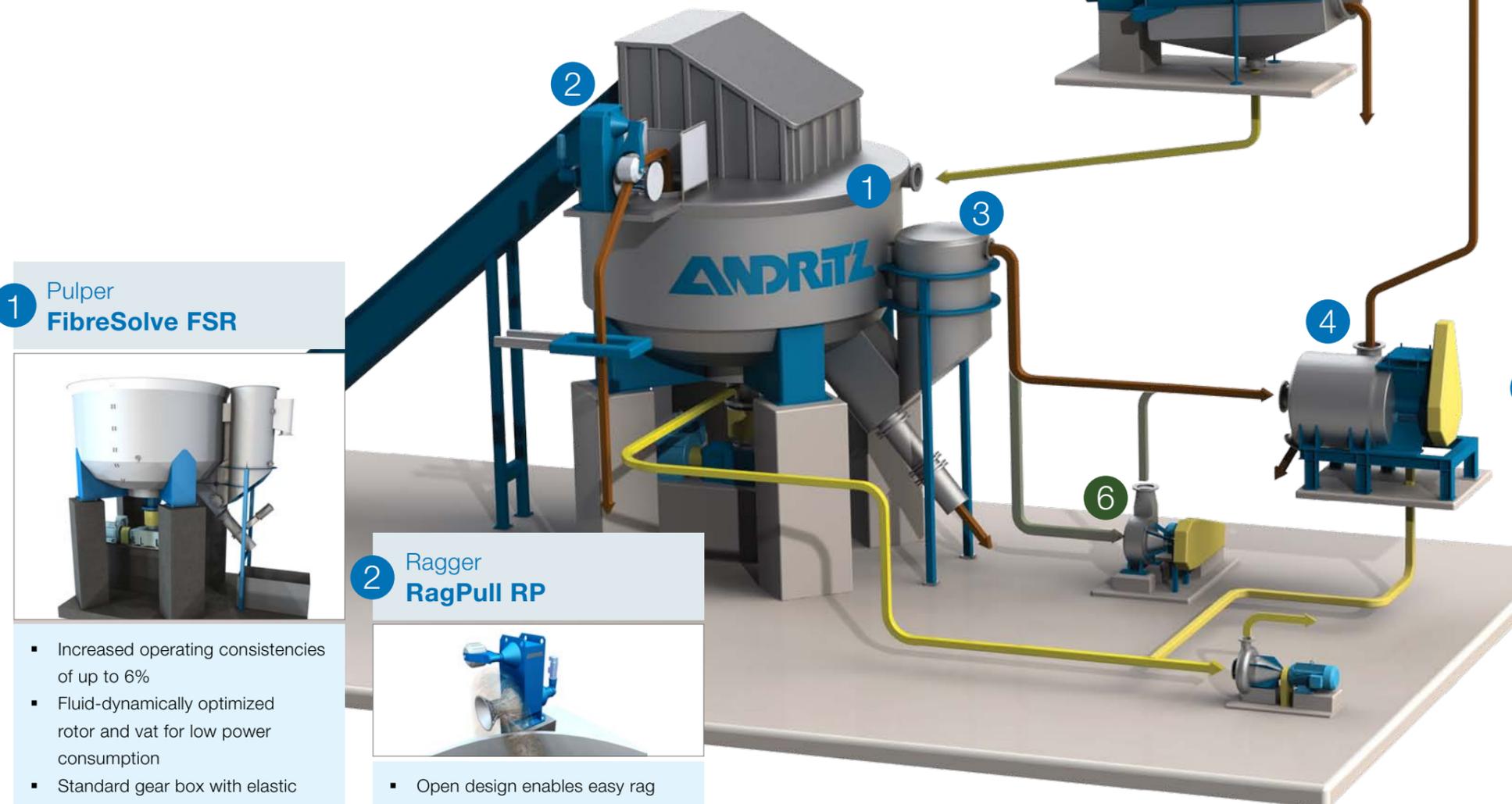
# The solution: ANDRITZ FibreGuard system – the latest development in recycled fiber pulping

## LC continuous pulpers from ANDRITZ – for all types of recycled paper

Equipped with an optimized rotor and vat, high pulping efficiency with gentle treatment of the fibers is achieved. With the increased volume design of the FibreGuard detrasing system high contaminant contents are easy to handle. Specialized materials, low rotational speeds and fast reject removal ensure longest lifetimes of the individual components.

### Benefits

- Quality increase through early removal of non-disintegrated reject materials and quick forward of accepts
- Low power requirements
- Contaminant contents up to 12%
- Low space requirements due to optimized sizing and set-up of all components



**1 Pulper FibreSolve FSR**

- Increased operating consistencies of up to 6%
- Fluid-dynamically optimized rotor and vat for low power consumption
- Standard gear box with elastic coupling
- Efficient reject removal with TrashWell or TrashTrap option with large connection to pulper

**2 Ragger RagPull RP**

- Open design enables easy rag handling
- Continuous operation via speed-controlled motor
- Angle adjustment of complete unit

**3 Reject removal**  
**TrashTrap** **TrashWell**  
OPTIONAL

- Controlled reject removal via junk trap
- Removal of rejects with grapple

**5 Drum screen FibreWash Drum FWD**

- Efficient washing
- Increased retention time due to slanted design
- Overhung bearing design (no bearing in wet area)
- Maintenance-free drum sealing
- Drum cleaning by external fixed jet pipe

**4 Detraser FibreGuard FG**

- Large screen plate diameter fully covered by rotor
- Easy installation due to integrated steel frame and motor support
- Fast and easy maintenance due to sliding housing
- External motor adjustment device

**6 Reject pump Detrashing Pump DP**  
OPTIONAL

- Increased detraser capacity
- Enables flexible positioning of the FibreGuard detraser

# FibreGuard system

## Efficient pulping and detrashing



▲ Modern FibreGuard installation in a European recycled fiber mill

### Available sizes

FibreSolve	FSR2	FSR3	FSR4	FSR5	FSR6
Net volume [m <sup>3</sup> ]	20 / 26	33 / 43	56 / 72	90 / 110	130 / 160
FibreGuard	FG01	FG02	FG04		
Volume [m <sup>3</sup> ]	1.0	2.0	4.0		
FibreWash Drum	FWD2	FWD3	FWD4		
Drum diameter [m]	1.25	1.60	2.00		
<b>Detrashing Pump (OPTIONAL)</b>			<b>DP350-650</b>		

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