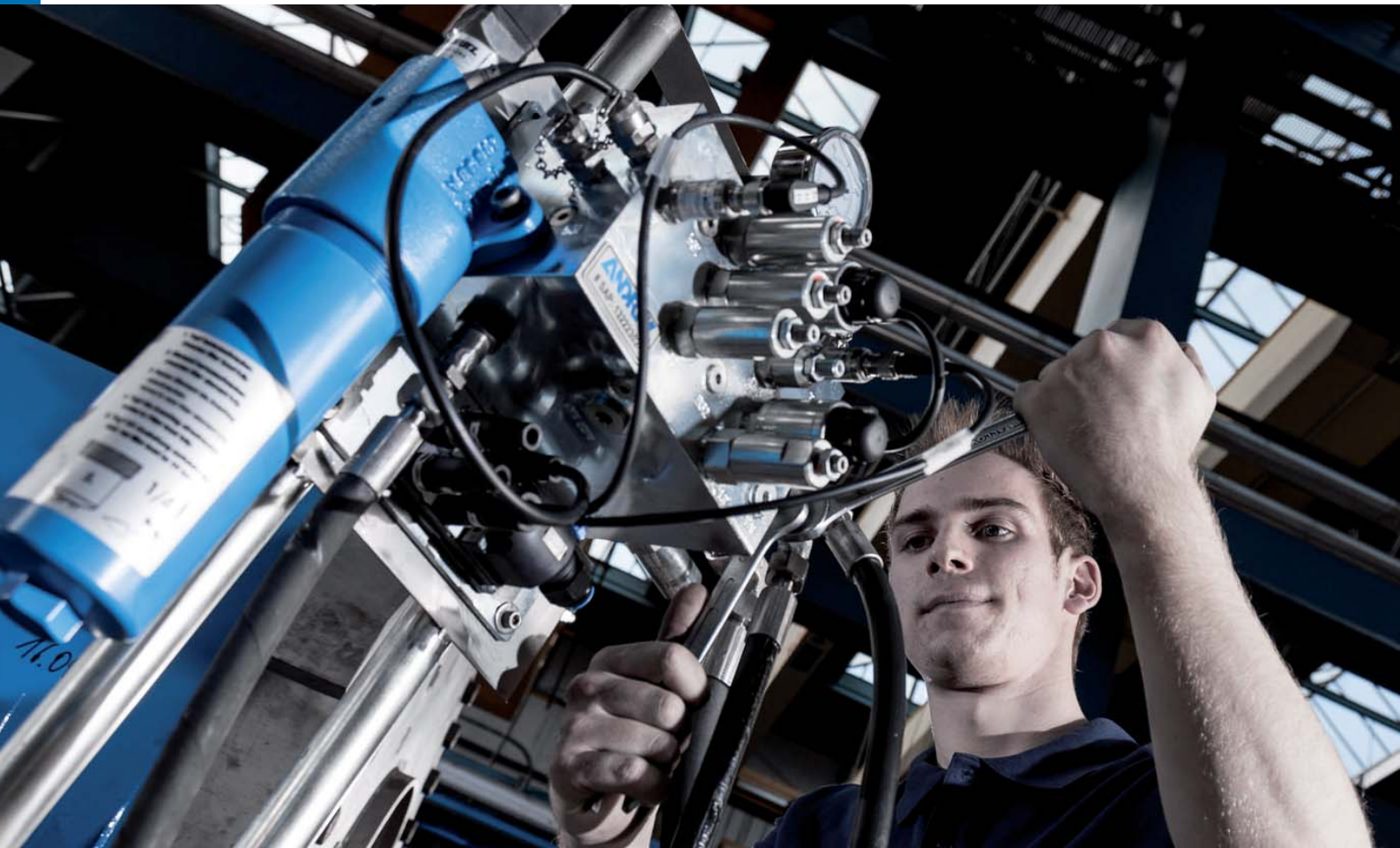


## **ANDRITZ hydraulic commander** for fully automatic plant control



**The ANDRITZ hydraulic commander is a fully automatic monitoring and control system for your refiners.** The primary components in this innovative system are an RPS (Refiner Protection System) and a

fully automatic hydraulic unit for optimum refiner plate adjustment. This saves energy, while ensuring uniform fiber quality. Either the refining gap, the hydraulic pressure, or the specific output can be used for controlling purposes, depending on

requirements. A touch panel is available as an option for equipment operation and visualization. The fully automatic hydraulic commander can be added very easily and cost-efficiently to all existing systems.

# ANDRITZ hydraulic commander for fully automatic plant control

Machinery group	Model(s)	OEM manufacturer
High consistency refiner	All	ANDRITZ and competitors

## The challenge

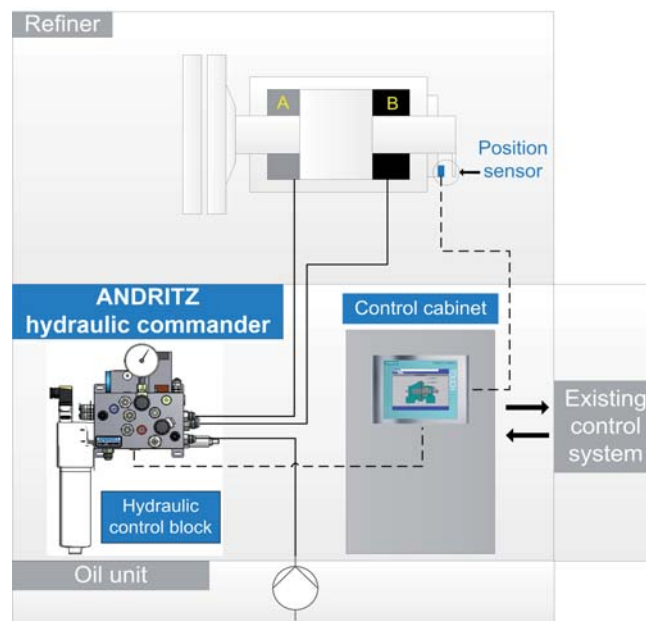
Low plant availability and machinery reliability.

Most original refiners are fitted with outdated hydraulic systems or even purely manual devices for refiner plate adjustment. The consequence is frequent and thus, time-consuming readjustment of the system – with manual equipment – in order to obtain a high fiber quality that is as uniform as possible.

Low plant availability is the result, caused by unscheduled refiner downtime due to damage to the refiner plates (plate contact). At worst, this damage can end in plate breaks – with all the dangers this entails for man and machine.

## The ANDRITZ solution

ANDRITZ hydraulic commander



## Your benefits

- Highest plant availability due to the reduction in unscheduled downtimes
- Maximum machine safety due to integrated Refiner Protection System (RPS)
- Energy saving and uniform fiber quality due to automatic control of refining gap and specific energy input
- Optimized plate lifetime due to fully automatic monitoring and faster control reactions
- Low personnel requirement because the plant is operated from the central control room



### ANDRITZ AG

Vienna, Austria  
Phone: +43 50805 0

### ANDRITZ Inc.

Lachine, Canada  
Phone: +1 (514) 631 7700

### ANDRITZ AG

Stattegger Strasse 18  
8045 Graz, Austria  
Phone: +43 (316) 6902 0  
pulpaper-service@andritz.com  
www.andritz.com

