



PANELBOARD HYDRAULIC COMMANDER FOR FULLY AUTOMATIC PLANT CONTROL

The 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 hydraulic block for optimum refiner

plate adjustment. This saves energy, while ensuring uniform fiber quality. Either the refining gap, the hydraulic pressure, or the specific energy can be used for controlling purposes, depending on requirements. A touch panel provides an overview

of the entire system, enables you to change any parameters, and is used for calibration purposes. The fully automatic hydraulic commander can be added very easily and cost-efficiently to all existing systems.

ANDRITZ

ENGINEERED SUCCESS

Hydraulic commander for fully automatic plant control

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

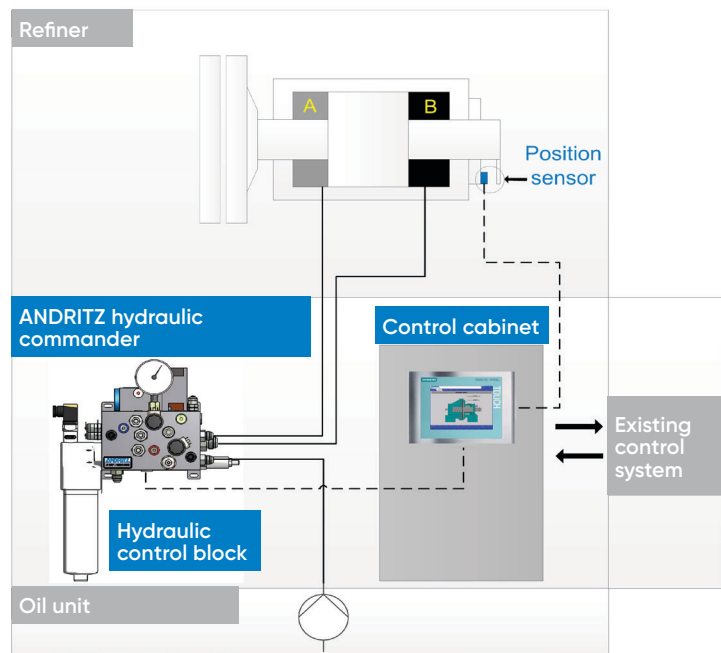
THE CHALLENGE

Most original refiners are fitted with outdated hydraulic systems or even purely manual devices for refiner plate adjustment.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

Hydraulic commander



BENEFITS

- Highest plant availability due to the reduction of unscheduled downtimes
- Maximum machine safety due to integrated Refiner Protection System (RPS)
- 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
- Energy saving and uniform fiber quality due to automatic control of refining gap and specific energy input

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