

Rotary gang 509



The rotary gang is designed to be installed behind a reducer or as a stand-alone machine together with the centring feedwork 500-A. The machine can be delivered in right and left hand version.

The circular saw can be equipped with fixed saw blades for sawing pre-sorted logs or with up to five individually settable saws for sawing unsorted logs. The saws are set with servohydraulic networks.

Low wear

The circular saw is constructed of a box frame of welded plates. It has got a door that opens easily for quick saw blade change. The saw blades are floating on a bottom spindle, and are guided in their periphery by guide blocks equipped with rings of carbide steel and bronze. The saw blades are cooled by an air and water mixture

through the guide blocks. The saw guides have due to their unique design a very low wear.

Servo hydraulic network

Setting of the saw blades can be done either with fixed spacers or by servo hydraulic networks. When fixed saw guides are used the setting is done by spacers with different thickness depending on the saw pattern. The entire saw guide block unit can be manually adjusted sideways around the centre line with crankshaft. When settable saw blades are used the saw guides are mounted on telescopic shafts, normally one saw blade for each shaft but extra saw blades can be mounted with fixed spacers on the outer shafts.

The saw blades are laterally set by servo hydraulic networks for dimension setting. The network system contains of servo cylinders, servo valves, base plate and electronic unit controlled by an overhead system.

Carbide or stellite tipped saw blades can be used. Stellite tipped saw blades are recommended for sawing frozen logs.

The saw spindle is driven by the main motor via V-belts and is equipped with pneumatic brake.



