

Top Performance in Size Reduction

Setting and Sharpening Robot PZSE -Patented- -High Precision - Constant Flake Quality-



The knives of knife ring flakers have to be resharpened and reset in regular intervals. These are time-consuming and labour-intensive operations. Precision of knife setting is heavily depending on the care of the operators.

With the "ORIGINAL PALLMANN" knife setting and sharpening robot, knives are fully automatically reset and resharpened, taking the actual condition of the wear shoe surfaces of the ring as a reference for precise knife protrusion.

- Fully automated resharpening and resetting process. Operator is only required for installation and removal of the ring.
- Constant flake quality. Narrow thickness distribution curve because of high accuracy of knife protrusion.
- Predetermined knife protrusion and grind off.
- Electronic control of tightening torque of knife fixing bolts and electronic control of bolt condition.
- PLC-controlled integrated diagnosis and preventive maintenance program.



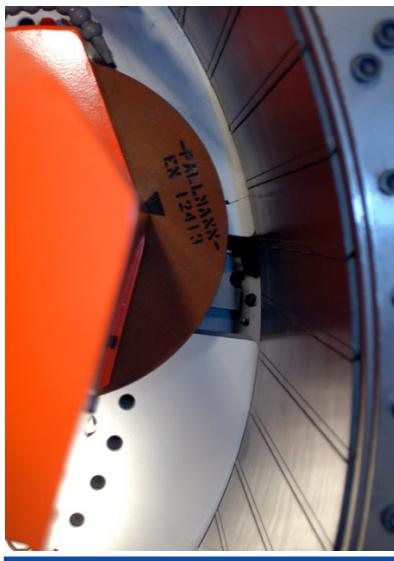
Setting and Sharpening Robot type PZSE



Electronically controlled,
intelligent torque wrenches



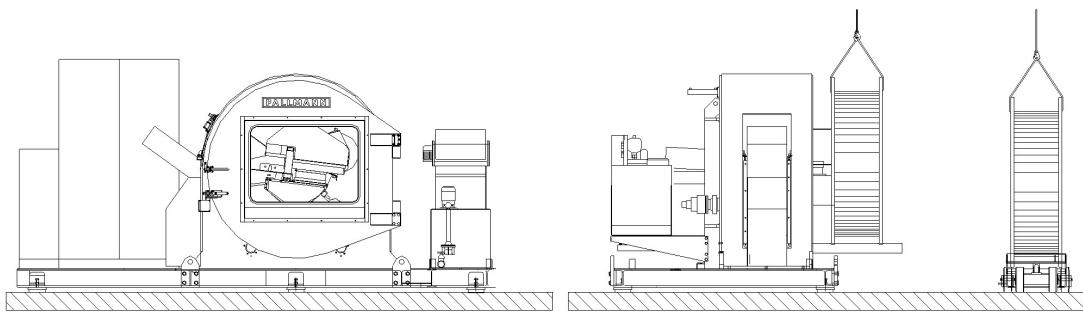
Setting unit



Sharpening unit



Filter unit



Technical Data:

Type PZSE	12-450	14-450	15-500
cycle time setting and grinding (min)		45 - 65 (depending on number of knives)	

