AUTOMATIC SURFACE GRINDING MACHINE LINEAR GPSL

Special Features:
- Fully automatic grinding of saw bodies
- Automatic demagnetizing of the magnetic tables
- Large output by two wheels and two magnetic tables
- Constant cutting speed by automatic adjustment of the grinding wheel speed
- Industrial PC with touch screen and machine operation on WINDOWS interface

Technical Description:
- The tack of blades on the magazine cart are picked up by magnetic grippers
- Magnetic table one and two are cleaned by a brushing device and the bodies are placed onto the chucks
- The saw bodies are ground flat by the electric motor-driven grinding wheels
- During the grinding operation, the grinding wheel is guided linearly over the saw body
- After grinding, the first side of the saw body is cleaned by the brushes and removed by a gripper system
- The magnetic chucks are cleaned by the brushes and the blades are then flipped and placed onto the magnetic chucks to grind the second side
- The second side is ground flat
- The finished surface ground saw bodies are removed and placed on a finished magazine cart

Facilities:
- Central lubrication
- Coolant container, pump
- Two magnetic tables with brushing devices
- Four magazine carts with a stacking height of 800 mm
- Industrial PC with touchscreen for parameter input and process display

Specifications:
- Saw blade diameter: Standard 100-400 mm (500 mm version available)
- Grinding wheel: Max. 400 x 127 x 20-60 mm
- Machine dimensions: 197 x 1800 x 125 in. (L x W x H)
- Weight: about 24,250 lbs.