AUTOMATIC POLISHING MACHINE LINEAR GPL

Special Features:
- Fully automatic polishing of circular saw blades
- Large output by two polishing wheels and two polishing tables
- Constant polishing speed by automatic alignment of the polishing wheel speed
- Industrial PC with touch screen and machine operation on WINDOWS interface

Technical Description:
- The stack of blades on the magazine cart loaders will be picked up by the magnetic grippers and placed on polishing tables 1 and 2
- The saw blades are polished by the polishing wheels, which is driven by an electric motor
- During the polishing process, the polishing wheel is guided linearly over the circular saw blades
- After the polishing process of the first side, the blade is turned by means of a handling device
- The second side is polished
- The fully polished saw blades are stacked up on the finished magazine carts

Facilities:
- Central lubrication
- Two polishing tables
- PLC machine control
- Coolant reservoir with magnetic filter and coolant pump
- 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
- 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.