

MPS 2.0 Magnetic Pad System

mps 2.0 – magnetic pad system – the latest development from BÜTFERING uses a magnetic solenoid to generate sanding force as opposed to a pneumatic system. Linked with a PLC this offers a greater degree of control over the function of the segmented pad and brings significant advantages

Dynamic Force Control

- Using the PLC each solenoid can be given an individual force and is also designed to exert more pressure as it extends to compensate for belt tension. The force also ramps on and off progressively at leading and tail ends of the parts to guarantee a uniform sanding result even on the thinnest of veneers and lacquers.

No 'slip stick'

- Ultra-smooth piston guidance eliminates any 'stiction' effect found with air cylinders. This is an important element when asking the segmented pad to compensate for part thickness variations.

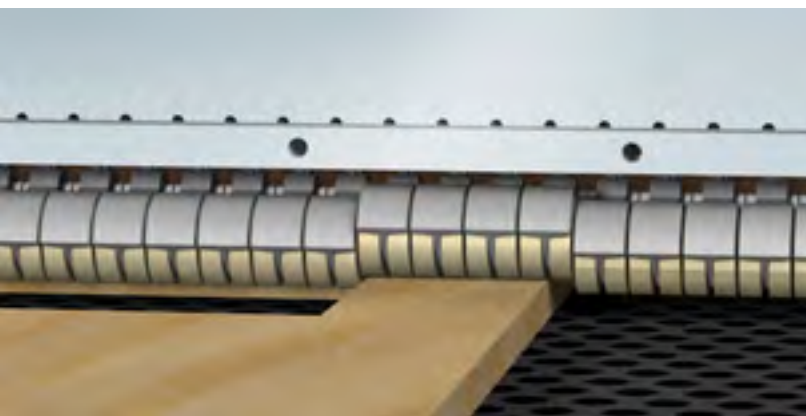
Proportional Pressure Control

- Proportional pressure control at the part edge is easily achieved with the standard 2:1 sensor/solenoid package. Edge pressure is constantly modified according to whether 1 or 2 edge sensors have been activated.

Customer Benefit:
Parts are sanded uniformly without risk of sanding through lacquer or veneer

Customer Benefit:
Excellent thickness tolerance compensation Maintenance free solenoids

Customer Benefit:
Ensures perfect sanding results 'tip to tip'



A choice of two systems

mps 2.0 standard

- 2:1 proportional sanding system with 25 mm sensing

mps 2.0 plus

- 4:1 proportional sanding system with 12,5 mm sensing

Customer Benefit:
meets almost all requirements in a cost effective way

Customer Benefit:
For special applications