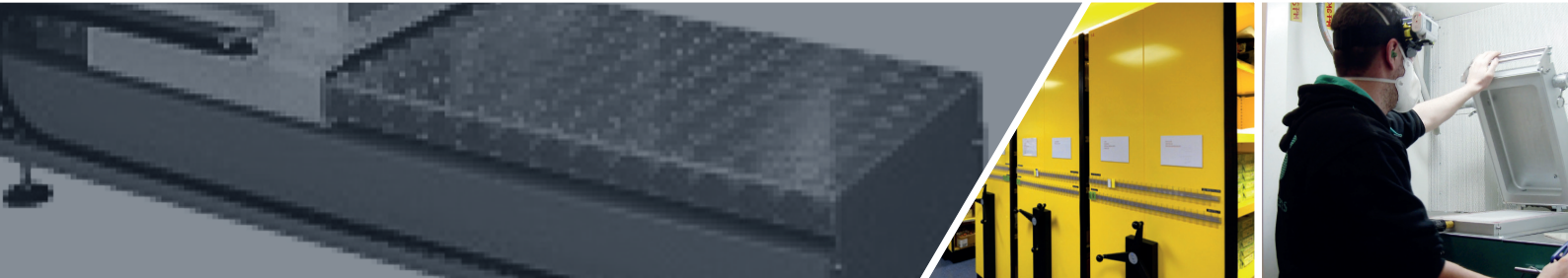


MS Reciprocators

Precision and reliability in movement technology

POWDER HANDLING



MS electronically controlled reciprocators have been developed for efficient production operation in automated powder or liquid coating systems.

These sophisticated reciprocators (with X-Y and Z axis movement capability) can be configured and expanded due to their modular design, from a simple single axis movement, through to complex axis motion using PLC controls.

Reciprocator systems can be configured for manual or automated operation through light bar sensor packages. Sophisticated control for automated coating within enclosures, using Z-axis movement can also be achieved.

MS Reciprocator are available in a range of incremental stroke lengths up to 12m.

As with all MS systems, reliability, robustness and low maintenance costs are our trademarks.



Driven by gear motor and wear-resistant toothed belt

Short and long stroke design configurations

Configured for vertical or horizontal gun array's

Robust MS bearing side guide with high load capacity, up to 80 kg

Control via frequency inverter with position detection in either mm or cm

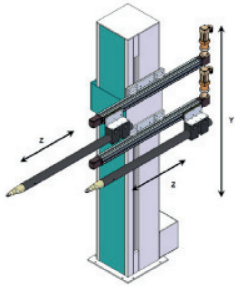
Infinitely variable speed regulation and programmable reversal point settings

Program creation for specific workpieces, up to 999 programs memory

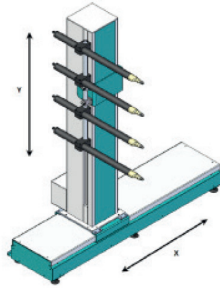
Gap control, cleaning position and variable outputs are all programmable

Adjustable parameters configured to accommodate changes in conveyor speed

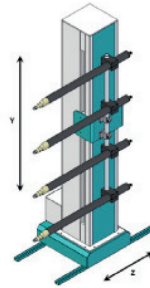
ATEX compliant



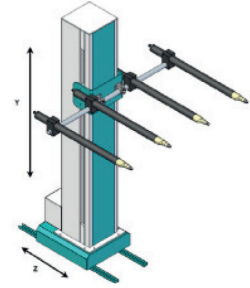
Vertical gun position with Z-axis



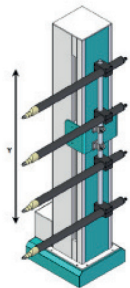
Vertical gun position with longitudinal displacement machine



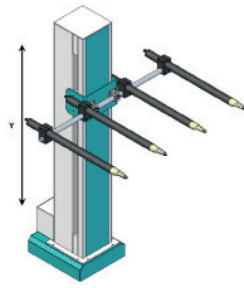
Vertical gun position with longitudinal lifting operation and standing base without track, and 2 fixed and swivel castors



Horizontal gun position with longitudinal lifting operation and perpendicular standing base without track, and 2 fixed and swivel castors



Vertical gun position with longitudinal lifting operation and standing base



Horizontal gun position with longitudinal lifting operation and standing base

Technical Data	Reciprocator
Engine power	0.75 kW
Stroke	600/1000/1500/2000 mm
Electrical connection	220V / 380V / 50Hz
Protection	II 3 D IP54 T85°C