

VM PLC CONTROLLED POWDER COATING RECIPROCATOR

The powder coating reciprocator is designed for automated painting applications. It ensures perfect coating of the work pieces passing in front of it by moving the spray guns up and down in a single axis.

It moves in one axis along the vertical guide column, providing maximum performance under daily working conditions withstanding continuous load.

The brake drive motor and gearbox have been selected to ensure the reciprocator's long life and performance under heavy working environment conditions. The mechanical system design with chain or belt provides silent and vibration-free vertical movement.

Perfect coating is achieved with easy adjustment of stroke and speed.

RECIPROCATOR CONTROL UNIT

- . Remote control panel 7" 65K color hand touch LCD screen,
- . Two reciprocators can be controlled independently from the same display,
- . Spray guns connected to the reciprocator can be started and terminated from the touch panel,
- . Vertical speed and stroke settings can be easily adjusted on the LCD screen,
- . Run time and speeds are monitored on the screen during operation,
- . In the event of a fault, the cause of the fault can be seen on the error page, this feature provides ease of use and adjustment,
- . Reciprocator settings are memorized for 10 different products
- . PLC interface can be customized in any language upon customer request

TECHNICAL DETAILS

Stroke	: 2.300 mm
Adjustable speed	: 0-40 m/min
Electricity requirement	: 220V-50Hz
Total power	: 0,75 KW
Height	: 2.600 mm
Length	: 1.000 mm
Width	: 800 mm
Maximum load	: 30 kg
Mechanical system	: Belt system

DELIVERY

Single axis reciprocator – 2 sets

Ground rail frame – 2 sets

Touch screen PLC control panel – 1 set

Set of cable connections for each reciprocator

Set of aluminum tubes and gun holders for all automatic guns

