

## APPLICATORS

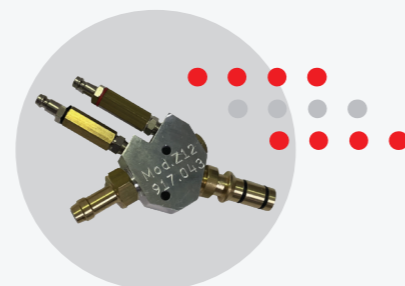
### JGUN01-A GUN

- Gun body made of high insulation moulded polymer
- High voltage generator inside the gun
- Charging capacity 80 kV DC negative polarity 100 microA
- Input voltage 0 - 10 Veff / 18 kHz
- Discharge protection circuit
- Fan and diffuser nozzle
- Replaceable high voltage generator
- Replaceable internal powder barrel
- Gun body is jointed for easy cleaning
- Atex Cesi 16 Atex 0126X certified
- Measurements 600-700-800-1000-1200



### VENTURI PUMP Z12

- Body of the pump in aluminium with brass inserts
- Pneumatic regulation of the flow rate (5-25 Kg / h)
- Quick couplings with non-return valves
- Air consumption at 6 bar 150 NI / min



### EQUIPMENT CONTROL KIT

- KV meter: gun efficiency check
- Meter: check on the electrical condition of the nozzles
- Integrity wand: check on the condition of the gun casings
- Venturi/nozzle meter: check on venturi tube and nozzle consumption



### control module generator JGEN 01

- 50 storable programmes
- J-Flow Control air flow control circuit
- Navigation system for setting parameters
- 3 pre-set programmes (Planes, Cage, Repainted)
- Smartcoat programme reduces overspray depending on the Faraday cage
- Jolly programme: with a simple double click you can switch from one parameter to another
- Port 485
- Clean function cleaning command



All JGen modules can be networked  
to allow use of the cloning feature used on automatic forms

# ZEUS

ELECTROSTATIC SYSTEM

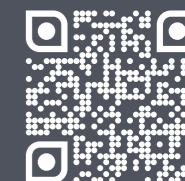
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## HANDLING APPLICATOR CONTROLS

Find out more  
about ZEUS



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## HANDLING CONTROLS

### CONTROL MODULE FOR ZEUS SYSTEMS MOD JSC01/JSC02

- The JSC module supervises the functionality of the systems
- Connection to the company Mes
- Connection to Zeus in teleservice
- Connection to the remote terminal in the booth
- Balance under filter control
- Control of condition of filter powder discharge guillotine
- Cartridge cleaning system control
- Clogging degree control
- Electricity consumption control
- Fan bearings temperature control
- Control of emissions into the atmosphere
- Recovery system control
- Spray parameter setting control
- Recipe creation control
- Gun alarm control
- Powder level control
- Control of powder consumption and export of data related to daily powder consumption
- Colour change management
- Manual control of reciprocator horizontal position
- Manual vertical oscillation setting
- Feed speed adjustment
- Gun spray consent
- Portal control depth reading and vertical gun activation
- Towing speed control



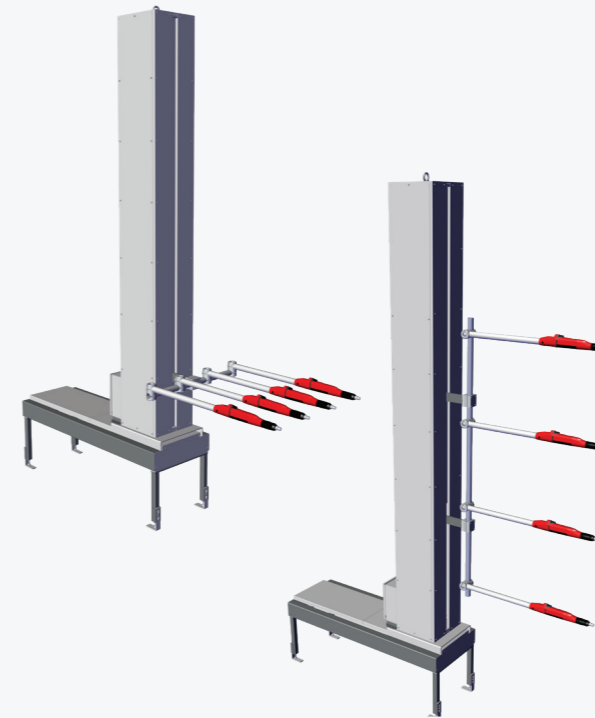
### Plc for the collection and control of all the system functions

- Communication with the company network via ethernet port
- Interface with Jgen01 series cabinet via Port 485
- Interface with Jgen 02 series cabinet via Ethernet
- Interface with super colour centre
- Interface with booth panel
- Data presentation via touch screen panel
- Power supply voltage 220 single phase / 50Hz
- Power consumption 100 VA
- Protection level of electrical parts IP 54
- Wi-fi access point
- Connection via ethernet port with company network

### Reading portal

- Horizontal barriers with 2.5 cm optics pitch to check the position of the guns
- Vertical barrier for piece reading part 2 cm photocell pitch
- Communication via profinet port
- Support brackets
- Programmable encoder to be installed on the drive unit

## HANDLING



### RECIPROCATORE VERTICALE

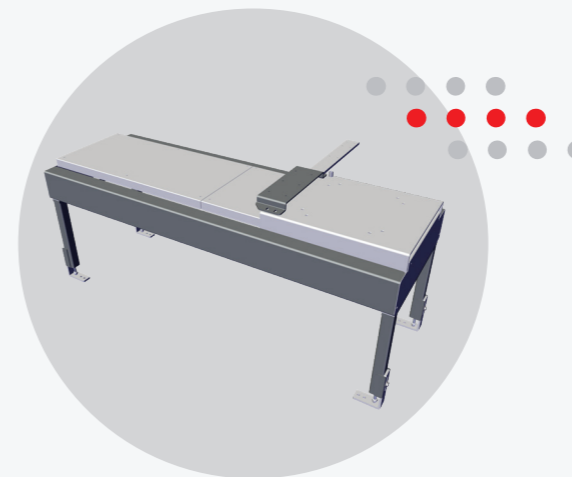
- Powder-coated steel construction
- Useful stroke 1500-2000-2500-3000 mm
- Guide made of aluminium with steel inserts
- Single trolley in reciprocator version
- Trolley wheels made of high-strength steel
- Maximum load applicable to the trolley 200 Nm
- Trolley speed adjustable from 0 to 50 m'
- Energy consumption 0.75 KW
- Adjustable stroke and speed
- Motor controlled by 220V single-phase digital inverter
- Emergency button
- Degree of protection of electrical parts IP 55
- Function mode selection (manual/ automatic); in automatic mode, reciprocator startup is controlled by the conveyor
- Flame retardant electric cables

### Also available in SHORT STROKE

- Useful stroke adjustable from 100 to 1000 mm
- Double carriage for better vertical gun balancing in the short stroke version

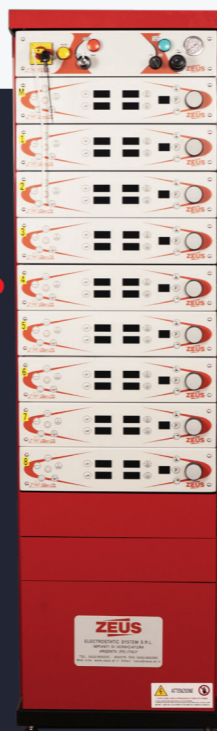
### MOTORIZED BASE

- Motorized basic stroke 500-1000-1500-2000 mm
- Floor rails with rack
- Anti-overturn system for reciprocators
- IP54 box with inverter handling
- Made in accordance with Machinery Directive 89/392 and Atex zone 22



### RACK CABINET

- Height 1445 mm
- Depth 600 mm
- Width 550 mm
- Width 1100 mm (twin version)
- Degree of protection of electrical parts IP54
- Supply voltage 220 V / 50 Hz
- Automatic internal air filter
- Ability to accommodate up to 8 units of control (16 in twin version)
- Flame retardant electrical connecting cables
- General power supply for control equipment
- Fluidized bed control
- Mode selection operation (in automatic mode the supply of powder and voltage is blocked at each interruption of the conveyor)
- Available in the version integrated in the Powder Centre



### JRC01

- General power on / off and reset
- Control plc
- Stroke control
- Speed control
- Ability to store up to 15 programmes
- Power supply voltage 220 single phase / 50Hz
- Power consumption 100 VA
- Protection level of electrical parts IP 54

