CONTROL PANEL
DGTouch

STRUCTURAL FEATURES

- Electrical power cabinet with all equipment for controlling and protecting the utilities installed on the system. Constructed in accordance with the Directives on low voltage (2006/95//CEE) and electromagnetic compatibility (2004/108/CEE).
- Electrical connections to the machine comprising flexible cables with EPR rubber insulation and PVC sheathing not able to propagate fire and flames, in compliance with CEI 20-22 II, 20-35, 20-37 I, 20-11, 20-34, rated voltage of 600/1000 Volts and 450/750 Volts. Numbered cables and self-extinguishing connectors for connection to the electrical utilities.
- Motors protected by fuses, remote switches and inverters. The other utilities are protected by fuses.

  24 volt power supply for auxiliary circuits.

CONTROL DEVICES

Safety devices pre-installed on the booth and controlled by the switchboard:

- High limit thermostat with no.1 manual and no.1 automatic reset that blocks burner operation when the air accidentally overheats.
- Negative pressure detector that blocks system operation when there is accidental increase of negative pressure in the booth.
- Compressed air shutoff electro-valve that allows painting during the total exhaust phase with ventilation on.
- Ventilation control system that intervenes when the air flow falls below a pre-set threshold value.

Safety devices controlled by the switchboard, if present:

- Two- or three-way fire damper that blocks system operation if the processing air accidentally overheats.
- Positive pressure detector that blocks system operation if there is accidental increase in the booth positive pressure.
- Additional high limit thermostat with automatic reset that blocks burner operation if the air accidentally overheats.
- Emergency lighting system that switches on if network voltage is down.

Acoustic and visual alarms indicating tripping of safety devices.

Warnings: The equipment must be installed in premises where the air temperature does not go below 0°C or above 40°C or the relative humidity exceed 90%. Electric power supply must not differ by more than +/- 5% from the indicated value.
Data on this technical data sheet refer to our current production. We reserve the right to amend and/or replace all or part of it at any time without obligation of prior notice.