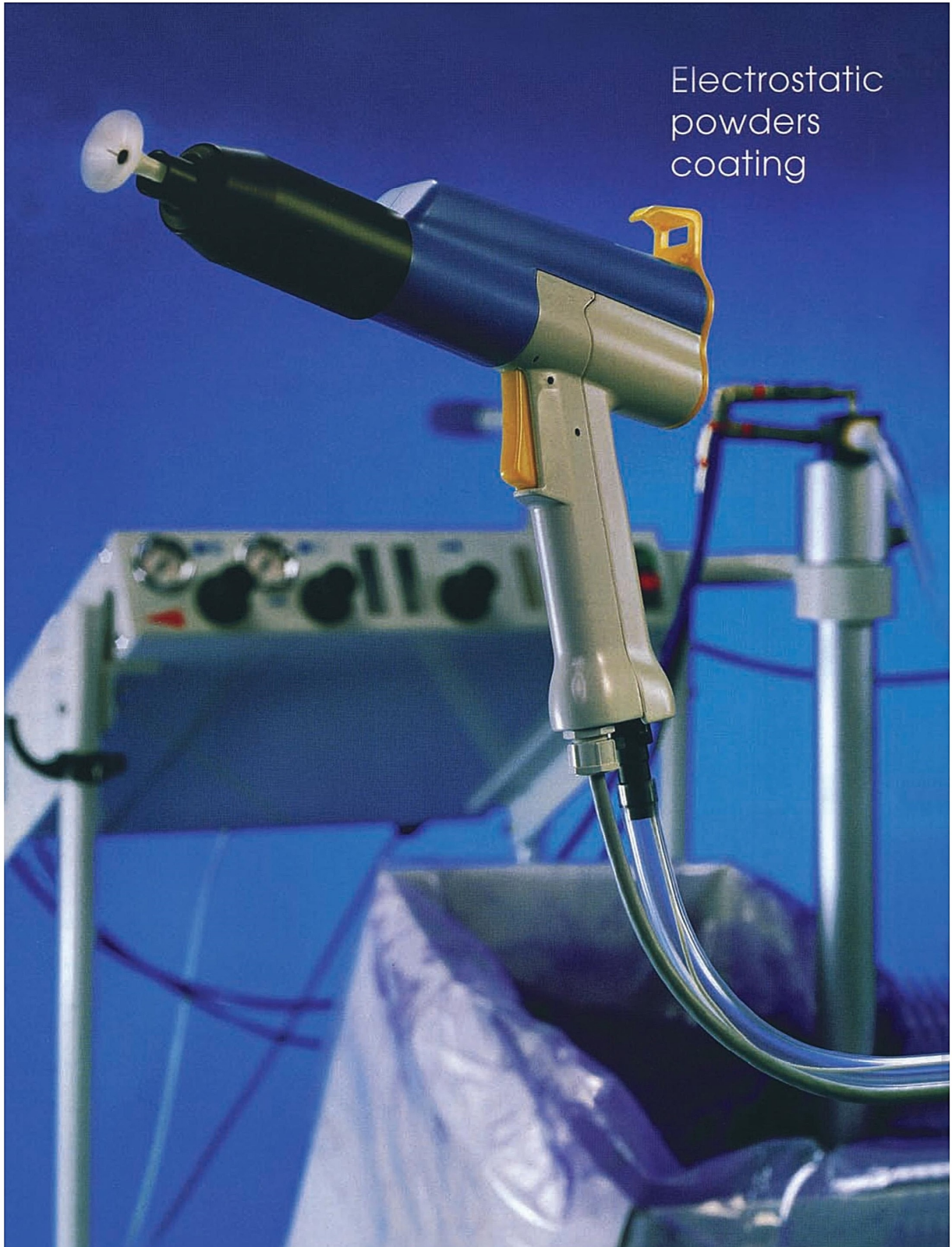




Tech+System

Automation Technologies for Industrial Coating Systems



Electrostatic
powders
coating

Helix 2020



The powders coating manual unit **Helix2020 TechSystem** by its operating elements for the electronic and pneumatic spraying functions adjustment, can be integrated into every plant size.

The gun, the control drawer and the 40 lt. powders hopper, as well the execution with the direct suction from the powders box, by one or two fluidized suction tubes, are stowed on a movable bearing frame on wheels of very new design.

The reliable fast colour change thanks the easy release of either the powders hopper with the fluidizing bed or the fluidizing stems, increases the system efficiency and flexibility.

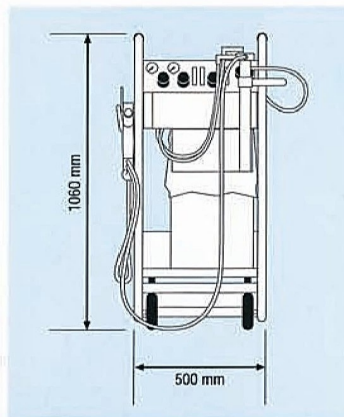
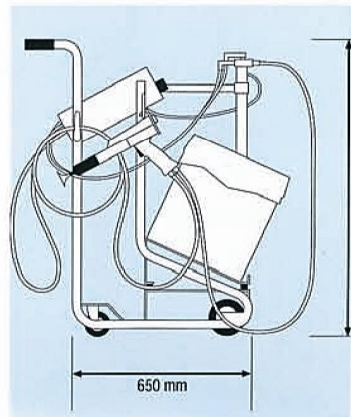
The modul versatility also allows the connection of one or two powders guns to the same unit, as well as the arrangement of double drawer and double powders gun to connect to the same powders hopper or two fluidizing stems.

Due to the very long experience in the field of the planners inventors as well as endusers, the manual powders gun has been designed for satisfying each particular demand of the users, offering manifold advantages.

... particular position of the integrated HV generator into the gun allows a higher electrostatic performance, both in penetration and in coating.

Universality of application for all pieces shape thanks to the large variability of the sprayed powders quantity, warranted use of metallic powders without any sort of problems of short circuit.

Perfect finishing through the perfectly adjustable powders atomizing and perfect powders out-put control, building an exact film thickness into the corners and on weldings too. Various muzzles range, flat jet, round and ventilated baffle deflectors, as well as muzzle extensions.



Pneumatic datas

Max. Inlet pressure 7 bar
 Max. Powder delivery 500gr/minute
 Gun weight gr 470
 Max H₂O Concentration 1,3 mg/Nm³

Electric datas

High voltage 0-100 KV Negative
 Inlet voltage 110-220 V 50 Hz
 Power absorption 40 VA
 Protection IP54



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