

CHARGING BARS **CBR**



CBR electrostatically charging bars are designed to make a material adhere to a surface or two materials between them. These charging bars are connected to a generator, which creates (positive or negative) ions on bar's pointed edges by means of high voltage. Thus the material, passing through the bar and a reference mass, is pushed towards the mass itself, creating a temporary adhesion.

CBR charging bars are used in several industrial applications. They are safe, because each pointed edge is connected to high voltage by means of a resistance, so as to avoid sparkles and accidental discharges, which could damage the machine itself.

The installation of these bars is very simple, as bars have a rear seat, where nylon screws are inserted, thus granting their insulation from conductive parts.

CBR	
Working distance	20 - 50 mm
Material	Extruded PVC and epoxy resin
Emitters	Stainless steel
Weight	1.75 kg/m
Working temperature	0 - 60 °C
High tension cable	3 meters as standard
Working voltage	0 - 60 kV DC
Generator	ECG-30/60
Option	Emitter pitch: 5 or 10 mm 90° connector

