

**CHARGING BARS CBR-LP-15**


**CBR-LP-15** low profile 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-LP-15** 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.

| <b>CBR</b>          |                              |
|---------------------|------------------------------|
| Working distance    | 20 - 50 mm                   |
| Material            | Extruded PVC and epoxy resin |
| Emitters            | Stainless steel              |
| Weight              | 1,25 kg/m                    |
| Working temperature | 0 - 60 °C                    |
| High tension cable  | 3 meters as standard         |
| Working voltage     | 0 - 30 kV DC                 |
| Generator           | ECG-30                       |
| Option              | 90° connector                |

