

# Valstat®

## VS20 AC static charge eliminator

**Valstat® VS20** AC static charge eliminators are shock less, electrostatic discharge bars, designed for neutralising electrostatic charges from fast moving plastic films, paper or other non conductive substrates(web). Electrodes, provided along the active length of the bar generate ions of both polarities, ensuring that positive and negative charges are removed from the charged substrate.

VS20 bar is powered by a Valstat® PS74S high voltage AC (HV AC) power sources. Together, they provide compact, sturdy and reliable means for removing electrostatic charges in many industrial applications.

### Features:

- Shock less and spark free
- Engineered plastic enclosure, with epoxy encapsulated parts
- Discharge Range of 10-40 mm based on application parameters
- Suitable for speeds up to 350 m/min. Options available for higher speeds
- Standard lengths up to 4500 mm. Custom made higher lengths are possible
- 2 metres interconnecting HV cables. Custom made higher lengths are possible
- Easy installation and start up
- No maintenance required, except for periodic cleaning



**Technical specification of VS-20S:** (contents to be added from manual pending)

**Valstat® PS74S** power sources are designed to provide HV AC supply to Valstat® VS20 AC static eliminating bars. They give stable high voltage output even under severe operating conditions.

**Technical specification of PS74S:** (contents to be added from manual pending)

### Features:

- Very low power consumption: 40 VA
- 230 V, 50/60 Hz, single phase input
- 2 metres input cable with built-in fuse and power switch
- Stable HV Output, with inbuilt current limit
- Four HV output connectors for VS20 bars
- Easy installation and commissioning
- Mild steel fabricated powder coated enclosure
- Compact, dust proof and rugged construction



# Valstat®

## VS30 AC static charge eliminator

**Valstat® VS30** AC static charge eliminators are shock less, electrostatic discharge bars, designed for neutralising electrostatic charges from moving surfaces. Electrodes, provided along the active length of the bar generate ions of both polarities, ensuring that positive and negative charges are removed from the charged target.

The VS30 bars are powered by a Valstat® PS74S high voltage AC (HV AC) power sources. Together, they provide compact, sturdy and reliable means for removal of electrostatic charges in many industrial applications.

### Features:

- Shock less and spark free
- Engineered plastic enclosure, with epoxy encapsulated parts
- Discharge Range of 10-50 mm based on application parameters
- Suitable for speeds up to 350 m/min. Options available for higher speeds
- Standard lengths up to 4500 mm. Custom made higher lengths are possible
- 2 metres interconnecting HV cables. Custom made higher length are possible
- Easy installation and start up
- No maintenance required, except for periodic cleaning



**Technical specification of VS-30S:** (contents to be added from manual pending)

**Valstat® PS74S** power sources are designed to provide HV AC supply to Valstat® VS30 AC static eliminating bars. They give stable high voltage output even under severe operating conditions.

**Technical specification of PS74S:** (contents to be added from manual pending)

### Features:

- Very low power consumption: 40 VA
- 230 V, 50/60 Hz, single phase input
- 2 metres input cable with built-in fuse and power switch
- Stable HV Output, with inbuilt current limit
- Four HV output connectors for VS30 bars
- Easy installation and commissioning
- Mild steel fabricated powder coated enclosure
- Compact, dust proof and rugged construction

