

## MAC/3500 SEAM PROTECTION and CURING SYSTEM



**This line is designed for protection of weld seam of three-piece cans. It can be used in front of different brand welding machines.**

This line consists of:

- Inside powder
- Outside wet lacquer roller application
- Curing system



## 1) Inside Seam Protection by Electrostatic Powder Application Unit

Completely automatic application system for inside electrostatic powder stripe protection includes:

- The main cabinet with vacuum, filtering, distribution and recycling group
- Powder application group complete with feeding tank, electronic unit for powder electrostatic charge control, powder arm and powder spray gun with high voltage cascade
- On-board electric cabinet with PLC control board

## 2) Outside Weld Protection with Roller Lacquer

- Magnetic connection conveyor to transfer the cans from welders overhand exit conveyor to the curing system conveyor with adjustable transfer speed.
- Steel frame connected to oven frame and motorized can diameter adjustment together with the oven conveyor.
- Lacquer application units height and centralization done easily by screw guide.



## 3) Curing System (Straight configuration)

Equipment is designed for the polymerization of the seam protection lacquer and/or powder, for top welded cans:

- 4 pcs heating modules, straight, complete with safety protection covers
- Adjustable speed of can conveyor belt
- Natural-gas consumption at 20 mbar for each burner 1,5 meter = approx. 1m3/h
- LPG consumption at 20 mbar for each burner 1,5 meter = approx. 0,6m3/h



### Technical Data:

Capacity	9 - 25 m/min*
Body Diameter	70 - 300 mm
Powder Applying Width	8 - 10 mm (adjustable)
Temperature	150 - 250 °C
Curing Length	6 m (4x1.5m Burner)
Curing Gas	LPG or Natural Gas
Total Power	6 kW

\* Depends on welding speed.

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