

└─ **Curtain Coater LG 220-63**



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A) Function: Coating of pcbs with photo imageable solder mask by pouring method.

This method can usually be applied with all photo inks available on the market.

Pcbs pass the ink curtain at a typical speed of 90 m/min.

The ink is automatically pumped into the coating head from the supply container .

A microprocessor-aided viscosity control in the ink container ensures a precise viscosity of the ink, by automatically adding solvents and permanent temperature control.

The coating head produces a vertically falling ink curtain. The pcbs are coated in the desired layer thickness in an extremely homogeneous way.

The coating unit consists of:

- Coating head
- Ink supply tank
- Solvent tank
- Pump
- Viscosity controller

Normally the coating unit is rigidly mounted – type LG.

Alternatively the coating unit can be hold in rails – type LGW. It can be completely moved out. If a second ink station is available, the moved-out ink station can be replaced against a new one, freshly filled up. The ink can be kept operational at a separate location.

B) Advantages:

- Retooling, maintenance and cleaning work can quickly and easily be done
- Trouble-free ink change within a few minutes
- Transport belt V-Shaped or flat

C) LG 220-63 Specifics

Frame:	Tubular steel
Panelling:	Steel sheets, powder coated, light grey, RAL 7035
Transport belt:	Multilayer fabric, coated with Urethan
Working width:	625 mm
Transport speed:	0.2 – 5 m/min.
Connection load:	4 kW
Covering:	Hood, transparent above coating unit
Exterior dimensions:	2,200 mm (l) x 1,000 mm (b) x 1,300 mm (h)
Working height:	900 ± 50 mm
Weight:	540 kg

D) Options/ Alternatives :

LGE: Complete frame work of V2A, stainless steel

LGW: With movable coating unit

LG2: With two coating units, rigidly mounted in tandem.

LGW 220E-SBU: Curtain coater for not-air conditioned rooms

Frame work completely made of V2A.

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Drying- (horizontally) [HET 120](#), [IR/16 KW](#), ABL 30, (vertically) VDH 248, MD4000

Handling- Horizontal Loader HS, Vertical Loader VS, Transport Modules XT/US1/XTP, [TVA Separators](#), [TA Automatic Separators](#), SV100 Plane Raze Device

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