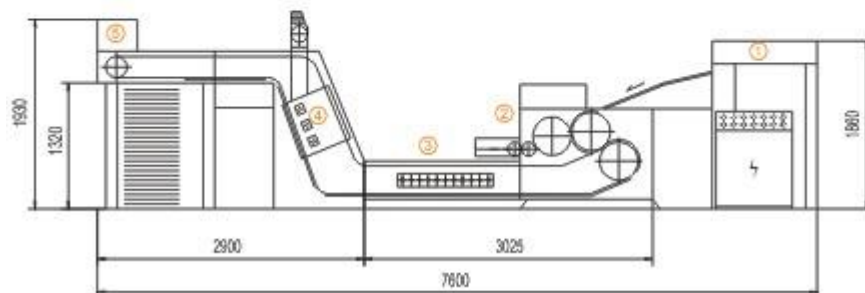


## SGJ-UV 1100/1300 Series Full Automatic UV Spot Coating Machine



平面示意图 Plane diagram



## Performance

This machine is used for both full and spot varnishing on light and thick paper with accurate and even spot coating register by blanket or flexo plate. It is suitable for spot or full coating on words and graphics in books, advertisement sheets, color paperboard to enhance its dimensional quality. Many safeguards and human-based operating procedures ensure user safety and convenience. Imported elements for main bearings and electrical components are adopted in the machine.

- Feeding section

- 1) High-speed feeder free from maintenance, lubrication, controlled by simple cam, easy concentrated adjustment is adopted as well as paper deflexion system monitored by bonding of mechanical action and imported needle sensors for front and side paper stoppers to ensure sheets well-positioning, correct register. When sheets are found deflexion, pneumatic paper-pressing mechanism will be in action and feeding stops to protect plate roller and avoid waste.
- 2) Pre-stack table for machine non-stop is optional.

- Varnishing section

- 1) Grippers transportation system. Impression roller and plate roller is released and pressed pneumatically. UV varnish supply system composed of reverse running rollers makes coating more smooth. UV tank is of automatic temperature control by water.
- 2) Chamber doctor blade system with ceramic anilox is optional.

- IR drying section

- 1) This is used for water-based varnish (optional).

- UV curing section

- 1) This section is composed of high-volt lamps, reflectors, electrical control, cooling, air-exhausting systems. Automatic temperature control system is equipped to avoid sheets deformation. Full-capacity and half-capacity are designed for lamps, that is to say, all lamps work for normal running, if lack of sheets, all the lamps will switch into half capacity to save power.

- Delivery section

- 1) Turnover safety door is designed greatly convenient for operator. Speed-regulating suction roller mechanism assistant for delivery, cooling paper-pressing fans ensure big-size sheet delivered smoothly.
- 2) Air cooling system is optional to keep coating quality.

## Specification

Model	SGJ-UV1100
Max. sheet size	850x1100mm
Max. coating size	760x1060mm
Min. sheet size	310x400mm
Max. working speed	5000sph
Total electric consumption	45kw
No. x UV power	3x9.75kw
No. x IR power(optional)	15x1.5kw
Paper weight	80-450g/m2
Weight	6.6t
Overall dimensions	7600x2600x1950mm