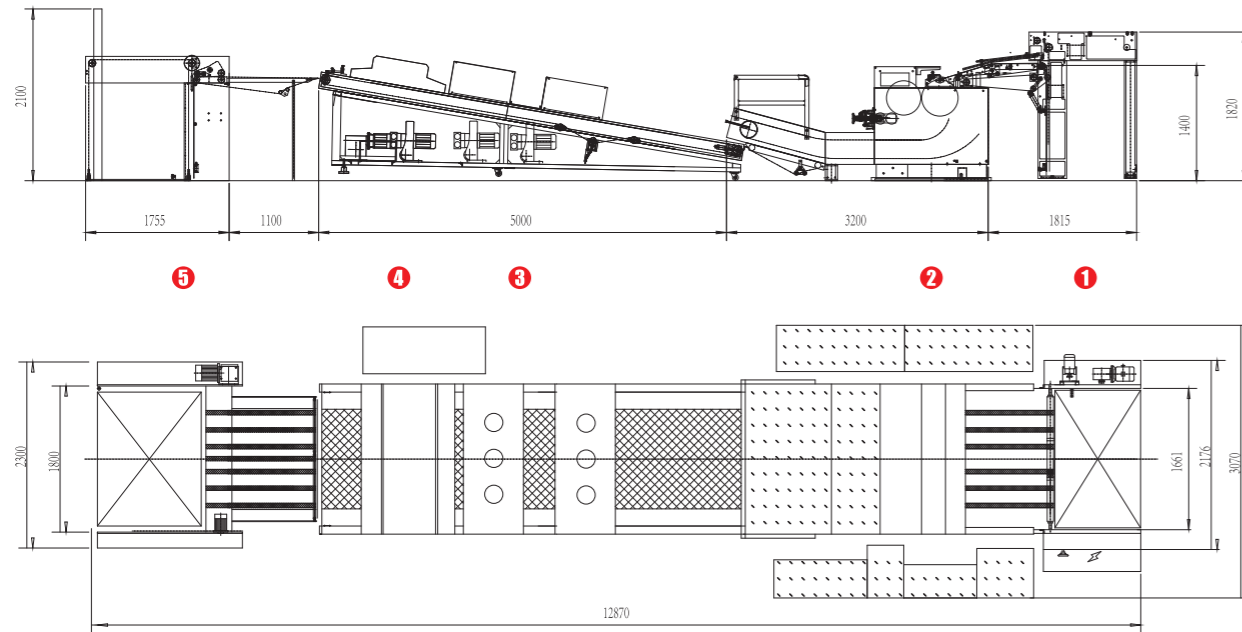
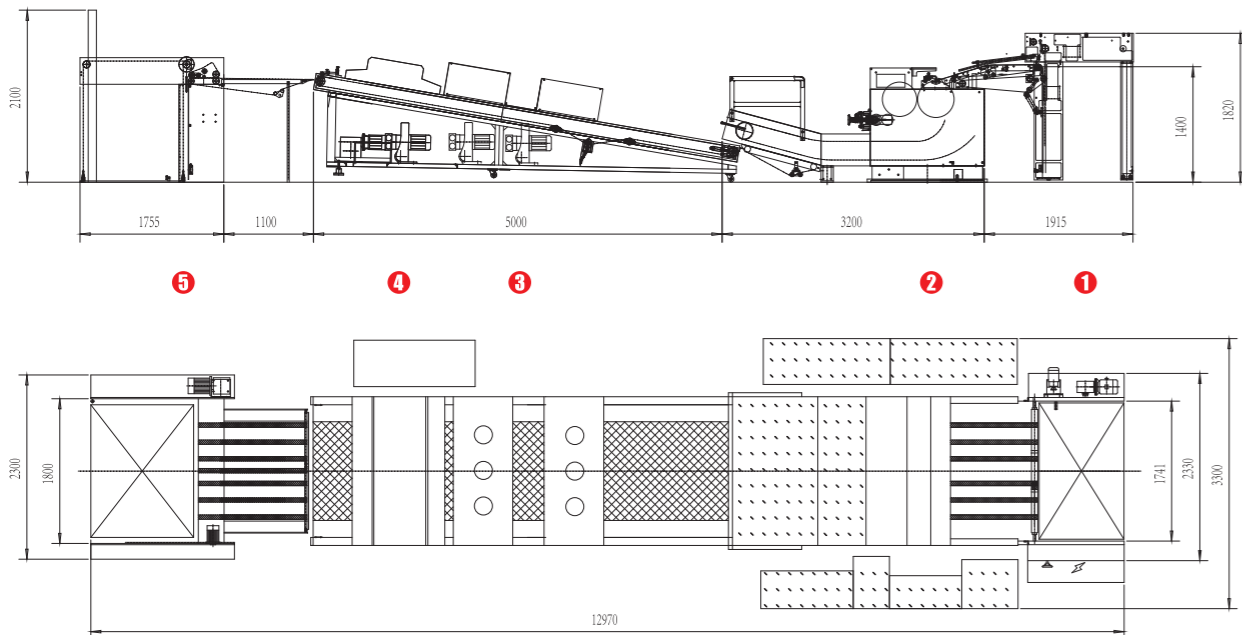


Alpine-128



Alpine-145



Alpine-110/128/145

UV SPOT COATING MACHINE

<http://www.simsunmachinery.com>

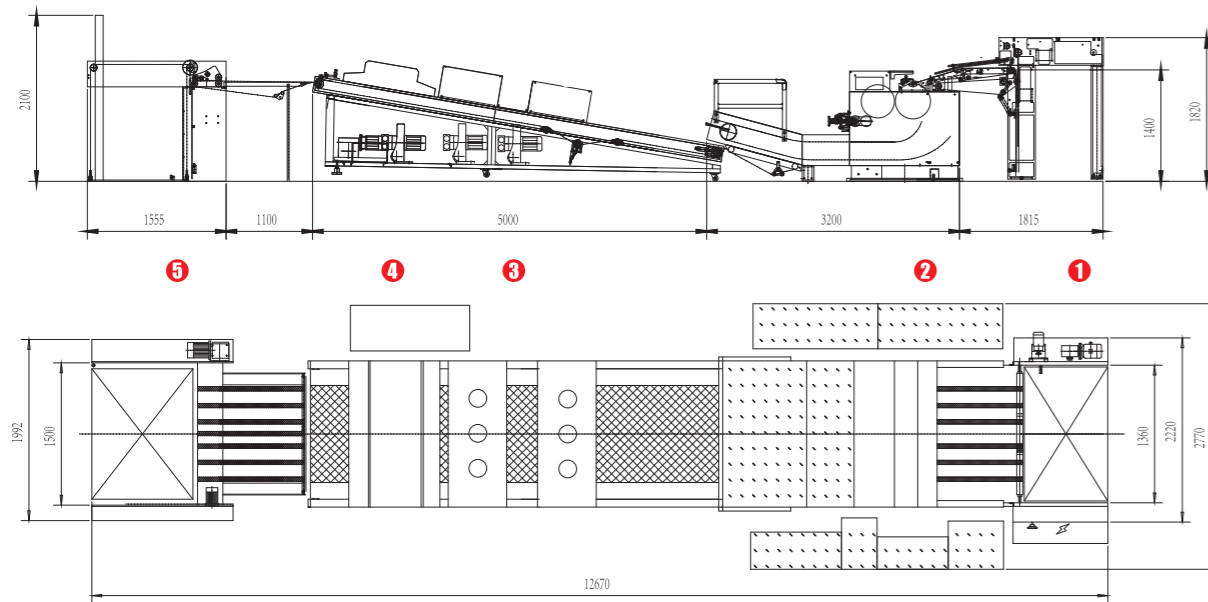


GUANGZHOU SIMSUN MACHINERY CO.,LTD

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Alpine-110



SPECIFICATION

MODEL	Alpine-110	Alpine-128	Alpine-145
Maximum sheet size (L x W)	800 x 1100 mm	920 x 1280 mm	1100 x 1450 mm
Minimum sheet size (L x W)	310 x 406 mm	310 x 406 mm	350 x 460 mm
Maximum coating area (L x W)	790 x 1090 mm	910 x 1270 mm	1090 x 1440 mm
Sheet thickness	80 – 600 g/sm	80 – 600 g/sm	125 – 600 g/sm
Maximum machine speed	5000 sheets/hour	5000 sheets/hour	4500 sheets/hour
Total power requirement	52 kw (UV) / +25 kw (Water Base)	55.9 kw (UV) / +25 kw (Water Base)	60.7 kw (UV) / +29.8 kw (Water Base)
Machine dimension (L x W x H)	12670 x 2770 x 2100 mm	12870 x 3070 x 2100 mm	12970 x 3300 x 2100 mm
Machine Weight	8100 kg	9120 kg	9550 kg

Subject to change without notice.

FEATURE

UV spot and overall coating machine **Alpine-110/128/145** adopts gripper structure of offset printer for coating registration, good for both spot coating or overall coating jobs. And conveyor type of UV curing system with Teflon belt is better for curing and transporting effects, also avoid gripper wearing and gripper shade problems.

① FEEDER SECTION

- Stable feeder head feeds sheets fast and smoothly.
- Double sheet detector and miss sheet detector.
- Front lay and side lay with micro-adjustment, ensure accurate registration.

③ WATER BASE DRYING SECTION (OPTIONAL)

- With IR lamps and hot air
- Besides drying water base varnish, it's also good for UV varnish flow-out and reduce orange-peel.
- Independent water base coating supply device.
- Additional driving motor for coating roller, when machine stops, coating roller keeps running continuously to avoid drying out of water base varnish.

⑤ DELIVERY SECTION

- With cooling fans.
- Side jogger and thin sheet guiding device to ensure sheet delivered smoothly and piled neatly.
- With sheet counter device.

② COATING SECTION

- Improve to cam system from following cam system, make cylinder rotation more smooth and with less noise.
- Blowing device can protect coating surface from being scratched when sheets are turned over from impression roller to gripper chain delivery system.
- Suitable for both photopolymer plate and rubber blanket as coating media.
- Easy access to change photopolymer plate or rubber blanket.
- UV tank has heating function, can automatically heat according to setting temperature.
- Gripper chain delivery system is not lighted by UV curing system, grippers are protected from being deformed and damaged.

④ UV CURING SECTION

- Three UV lamps with control system.
- Full-light and half-light function, can adjust according to production condition for saving power.
- UV light will be automatic off when conveyor belt is emergency stop, for operation safety.
- Automatic temperature control with cooling ventilation system, lamp box will be automatic rise when temperature is over high.
- Teflon conveyor belt with alignment device, automatic alarm for abnormal situation.
- Conveyor with vacuum suction, ensure stable transportation for sheets.

