

TY SERIES

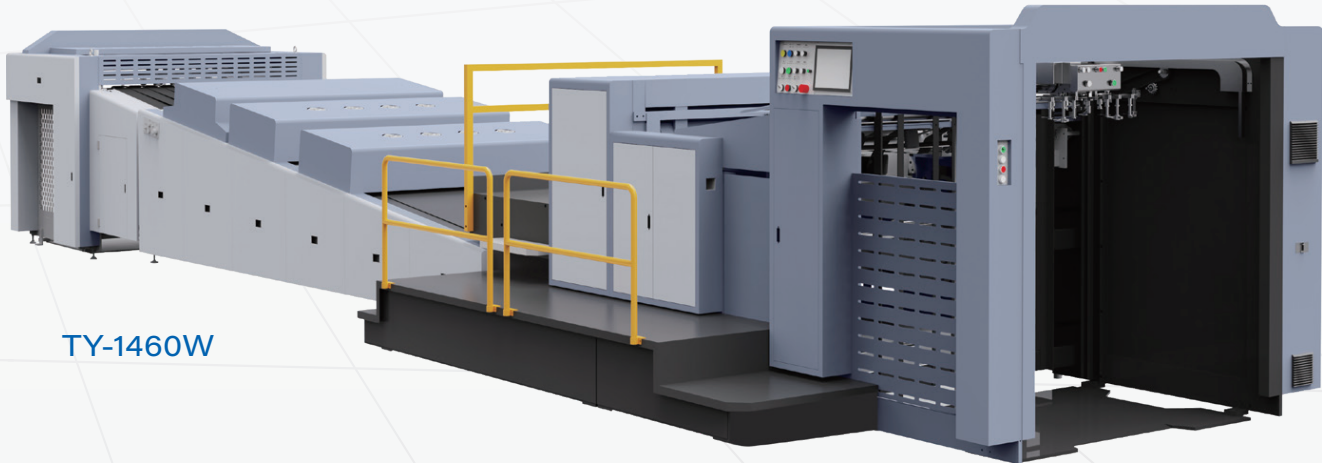
FULL AUTOMATIC SPOT UV COATING MACHINE

MAIN FEATURES :

- LINEAR RAIL AUTO-FEEDING
- 8,000SPH SWING DELIVERY
- DUAL-ROLLER COATING
- 1,200MM AUTO-STACKING
- PLC FREQUENCY CONTROL
- 3-LAMP UV CURING



TY-1060W



TY-1460W



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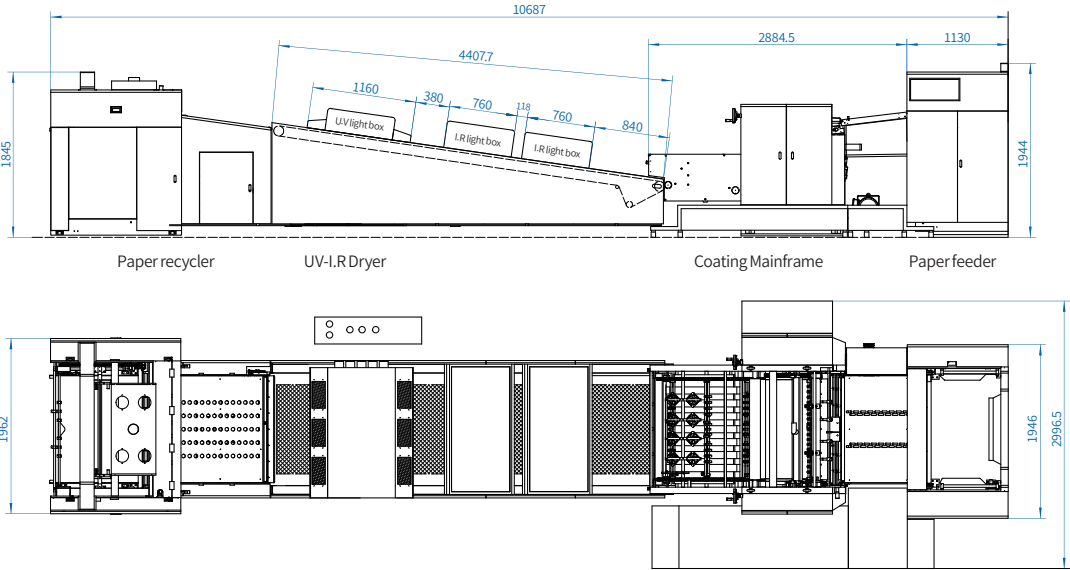
TECHNICAL PARAMETER :

Model	TY-1060W	TY-1060W-L
Max.Sheet Size :	750mm×1060mm (L×W)	750mm×1060mm (L×W)
Min.Sheet Size :	310mm×406mm (L×W)	310mm×406mm (L×W)
Max.Coating Area :	730mm×1040mm (L×W)	730mm×1040mm (L×W)
Coating Registration Accuracy :	±0.15mm	±0.15mm
Coating Layer Thickness :	0.15mm ~0.60mm	0.15mm ~0.60mm
Sheet Thickness :	80 ~ 500 gsm	80 ~ 500 gsm
Up to :	6500-8000sheet/hour (Depends on paper size, dimensions and quality)	6500-8000sheet/hour (Depends on paper size, dimensions and quality)
Power Required :	40kw (W water-based)	44kw (E oil-based)
Machine Dimension :	10625mm×2260mm×2100mm	13225mm×2260mm×2100mm
Machine Weight :	7600kg	8200kg

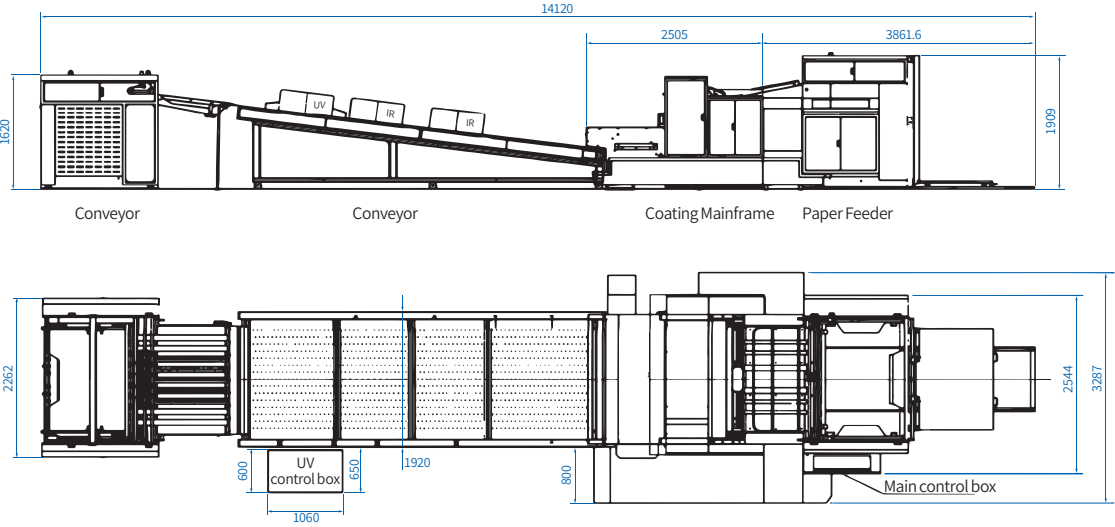
TECHNICAL PARAMETER :

Model	TY-1460W	TY-1650W
Max.Sheet Size :	1100×1460mm (L×W)	1300×1650mm (L×W)
Min.Sheet Size :	350×460mm (L×W)	400×460mm (L×W)
Max.Coating Area :	1090×1440mm (L×W)	1290×1640mm (L×W)
Coating Registration Accuracy :	±0.15mm	±0.15mm
Coating Layer Thickness :	0.15mm ~0.60mm	0.15mm ~0.60mm
Sheet Thickness :	105 ~ 600 gsm	120 ~600 gsm
Up to :	Up to 5-6000sheet/hour (Depends on paper size, dimensions and quality)	Up to 4-5000sheet/hour (Depends on paper size, dimensions and quality)
Power Required :	68kw/Water-based: oil-based total power	76kw/Water-based: oil-based total power
Machine Dimension :	11800×3400×2300 mm	12840×3400×2360 mm
Machine Weight :	10200kg	12000kg

PRODUCT DIAGRAM: TY-1060W



PRODUCT DIAGRAM: TY-1460W



PRODUCT HIGHLIGHTS :



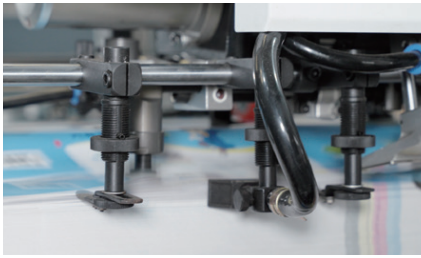
■ Multi-functional Coating Oil Head

- Dual-roller differential-speed coating head ensures flat, uniform, and glossy oil film with precision.
- Optional ceramic anilox roller with chambered doctor blade configuration.



■ Electrical Control System

Full-machine variable frequency drive (VFD) with PLC programmable controller ensures high stability and low failure rate.



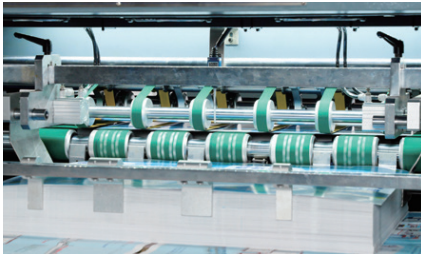
■ Automatic Paper Feeder

- High-reliability suction heads with linear slide rails ensure fast paper feeding, tightly delivering sheets of all sizes.
- Sensitive electro-mechanical double-sheet detector automatically stops feeding upon detecting multiple sheets.
- Maximum paper stack height: 1,150mm.
- Precision front and side guides (front guide and pull guide) with quick-adjust mechanisms for accurate positioning.



■ UV Drying and Curing Equipment

- Three UV mercury lamps ensure rapid UV coating curing.
- Teflon mesh conveyor with bottom suction enables quiet, high-speed curing and easy maintenance.
- Full/half-lamp switching and UV leakage protection enhance safety.
- Integrated auto-temperature control, fault trip, and cooling/exhaust systems prevent overheating.
- Dual IR drying groups (12×1 kW lamps, staggered layout).
- Auxiliary air-blowing ensures uniform heat distribution.



■ Automatic Paper Collector

- Integrated auto-loading platform with maximum stack height of 1,200 mm.
- Photoelectric-pneumatic dual-side alignment ensures precise stacking.
- Thin-paper guiding device guarantees smooth and orderly sheet delivery.



■ Paper Feeding and Printing Unit

- The swing-arm sheet transfer mechanism supports maximum speed of 8,000 sheets/hour.
- Impression and coating cylinders undergo precision grinding and dynamic balancing calibration for dimensional accuracy.
- Quick-mount system for coating cylinder blankets and plate bases, enabling fast plate changes.