

**Amsky**

Computer to plate



**Informações e vendas:**

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## Dynamic autofocus

With the third generation of dynamic autofocus technology, the accurate position measuring system of Amsky CTP can directly detect minute distance change to 0.1 microns. Driven by voice coil motor, it can also trace any change in focus to ensure the continuous accuracy of focus. The combination of these unique features not only guarantees the deviation of density in a full page of tint, but also reduces blue marks and blurs caused by tiny dusts on the drum surface.

## Accuracy, create perfect quality



### Technology of DDS frequency multiplication

The technology of DDS frequency multiplication ensures phase position to jitter within 0.03125 pixels and ensures the exposed lines to be both vertical and horizontal.



### Drum auto balance

Auto balance system of drums takes no more than 5seconds to adjust the drum balance block to a new position, instantaneously switching plates with different sizes.



### Precision registering

Amsky's unique technology of precision registering enables graphics to present perfect rectangles and eliminates dimensional deviation caused by different thickness of plates.

The registration accuracy of one Amsky CTP is 5microns. Between two CTPs, it can be within 15 microns after being calibrated.

## Stability, users' perfect practical experience



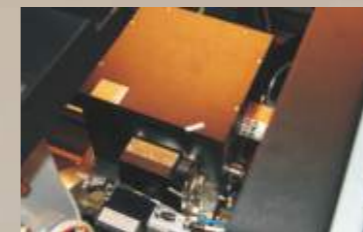
### Fast balance of laser channel

During the time slot between plate loading and unloading, our laser beam balancing system can accomplish the detection and the adjustment of all laser energy within seconds, so that each laser will be exposed on the plate with the same power, and all lines and dots are full and identical on every plate.



### Auto switch of laser channel

When any laser channel breaks down, laser channel auto switch system can continue outputting through the longest consecutive channel that remains working to ensure non-stop production and offer users stable and perfect practical experience.



### Auto thermostatic control of laser box

The temperature control system can automatically make two-way adjustment inside the laser box. Under optimum temperature condition, the output of laser is more stable and the life of laser is greatly lengthened.



# Rapidity, the embodiment of efficient production capacity

High efficiency plate clamping system

Quick plate clamping system has passed the fatigue test and durability test.

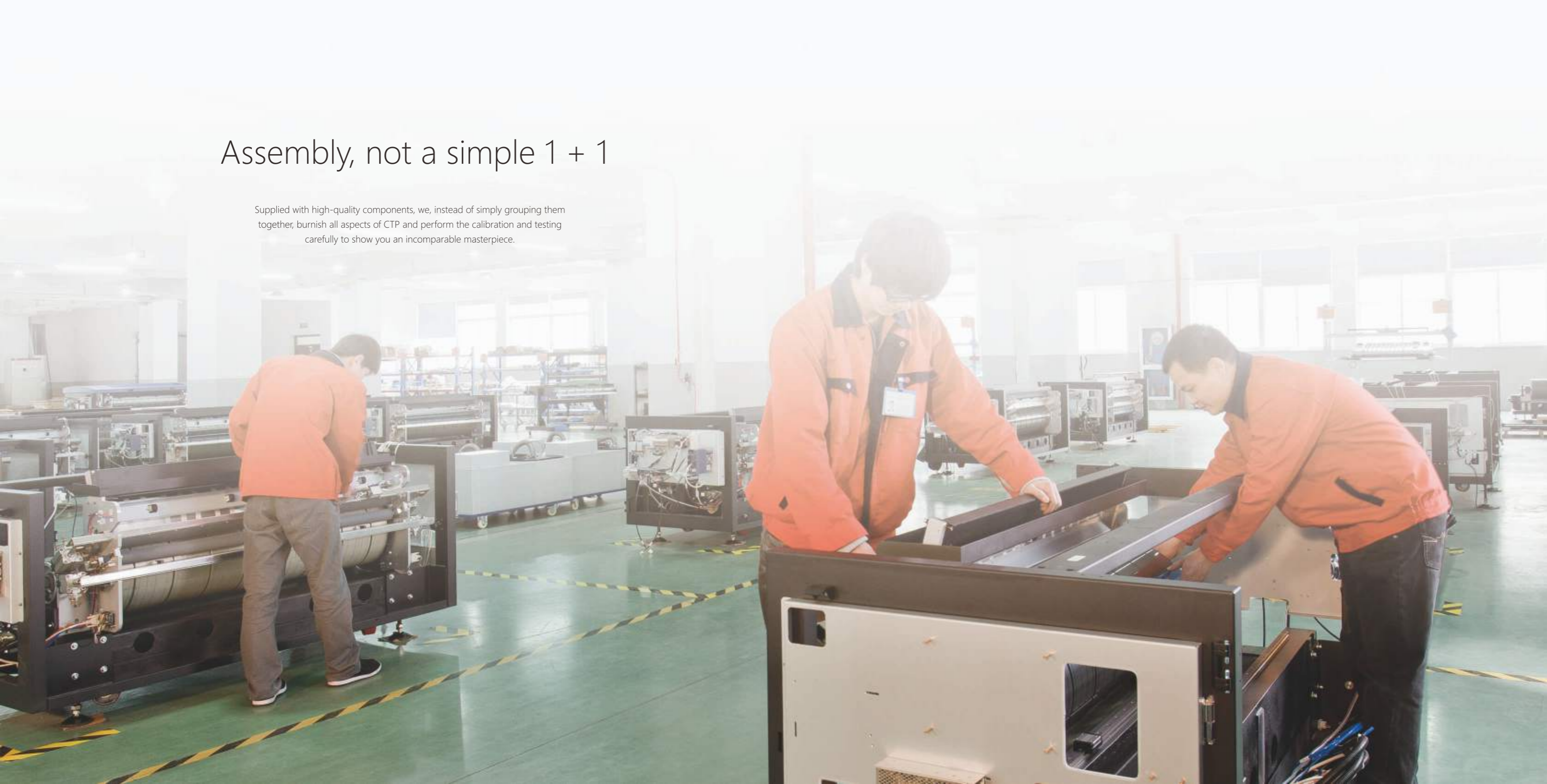


## Pre-loading system

Amsky pre-loading system can get ready for the next plate while the last one is being exposed. It can also automatically and continuously complete plate loading and unloading to bring users higher production efficiency.

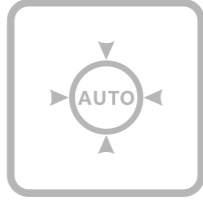
# Assembly, not a simple 1 + 1

Supplied with high-quality components, we, instead of simply grouping them together, burnish all aspects of CTP and perform the calibration and testing carefully to show you an incomparable masterpiece.





Technology of DDS frequency multiplication



Dynamic autofocus



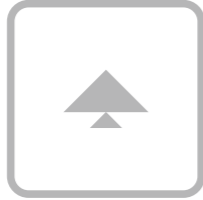
High efficiency plate clamping system



Pre-loading system



Auto switch of laser channel



Auto power balance



Constant temperature control



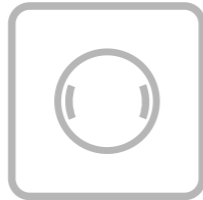
Precision registering



Applicable conventional plate



High capacity cassette



Drum auto balance



Express service system

## Professional engineers achieve professional technology

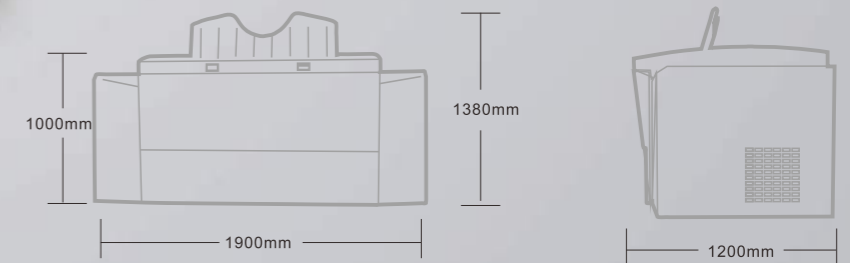
Amsky's R&D engineers have accomplished many patented technologies in the international level laboratory with the advanced equipment in the world. And the professional technologies are the guarantee of the "Perfect User Experience" made by Amsky. Amsky will always stick to the principle of chasing the "Perfect User Experience" by doing research and innovation.



# The first necessity of quick short-run printing

Amsky Ausetter 400 series

Excellent output quality, highly reliable stability;  
Less space occupied, more flexible.

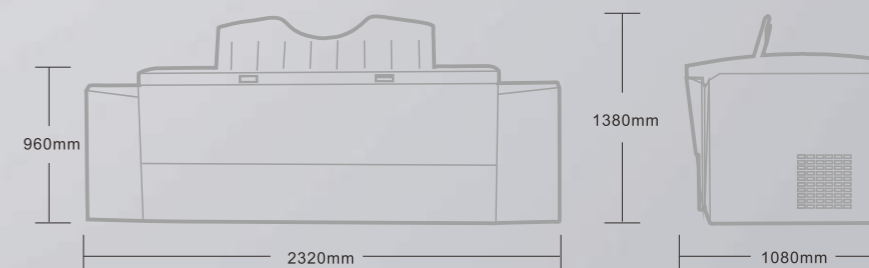




## Delicacy casts classics

### Amsky Ausetter 800 series

Highly reliable stability and perfect output quality make it to be the most popular model for printers.



# Amsky Ausetter 400 series

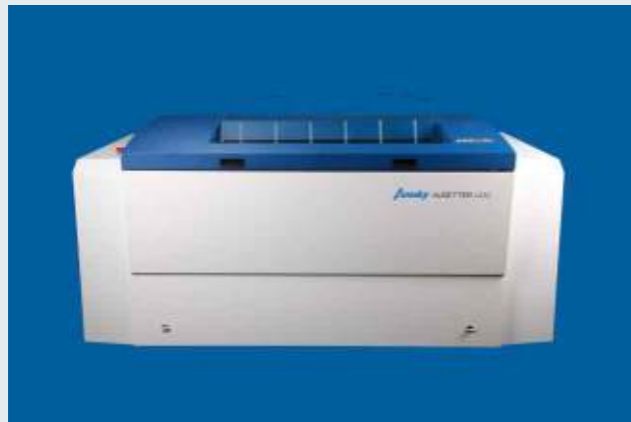
CTP specialized in quick short-run printing for small business

Maximum size of plate: 800mm\*660mm.

Features: Small volume, high stability and perfect output quality.

UV plate and thermal plate are available for you to lower production cost.

Furthermore, to improve the production efficiency, 32 channels, 48 channels and 64 channels laser are provided according to different printing speeds.



## Ausetter 400 Series Technical Specifications

Model	U 424	U 432	U 448	T 424	T 432	T 448
Exposing Method	External Drum					
Imaging System	24-channel	32-channel	48-channel	24-channel	32-channel	48-channel
	Discrete 400-410nm laser			Discrete 830nm laser		
Output Speed	15 plates/hour	20 plates/hour	28 plates/hour	15 plates/hour	20 plates/hour	28 plates/hour
	800 × 660mm 2,400dpi ( at 900 rpm )					
Plate Size	Max. 800 × 660mm, Min. 400 × 300mm; 280 × 250mm (Optional)					
Exposing Size	Max. 800 × 646mm					
Plate Type	UV plate, high-sensitive PS plate			Thermal plate		
Plate Thickness	0.15mm-0.3mm					
Resolutions	2,400dpi					
Repeatability	± 5 μ m(Continuous exposure over four times on the same plate with a temperature of 23°C and 60% RH )					
Interface	USB2.0					
Plate Loading	First manual, then autoloader					
Net Weight	800KG					
Device Size	1,900 × 1,200 × 1,000mm (W × D × H)					
Power Supply	Single phase:220V; Power:4KW					
Environment	Recommended temperature: 21-25°C Allowed temperature: 18-26°C Humidity: <70%					

# Amsky Ausetter 800 series

Classical models preferred by medium-sized printers

Maximum size of plate: 1,130mm\*920mm.

Features: High stability and perfect output quality.

It can meet most printers' demands.

UV plate and thermal plate are available for you to lower production cost.

Furthermore, to improve the production efficiency, 32 channels, 48 channels and

64 channels laser are provided according to different printing speeds.



## Ausetter 800 Series Technical Specifications

Model	U 832	U 848	U 864	T 832	T 848	T 864
Exposing Method	External Drum					
Imaging System	32-channel	48-channel	64-channel	32-channel	48-channel	64-channel
	Discrete 400-410nm laser			Discrete 830nm laser		
Output Speed	16 plates/hour	22 plates/hour	28 plates/hour	16 plates/hour	22 plates/hour	28 plates/hour
	1,030 × 800mm 2,400dpi ( at 900 rpm )					
Plate Size	Max. 1,130 × 930mm, Min. 400 × 300mm; 287 × 290mm (Optional)					
Exposing Size	Max. 1,122 × 904mm					
Plate Type	UV plate, high-sensitive PS plate			Thermal plate		
Plate Thickness	0.15mm-0.3mm					
Resolutions	2,400dpi					
Repeatability	± 5 μ m(Continuous exposure over four times on the same plate with a temperature of 23°C and 60% RH )					
Interface	USB2.0					
Plate Loading	First manual, then autoloader					
Net Weight	900KG					
Device Size	2,320 × 1,080 × 960mm(W × D × H)					
Power Supply	Single phase:220V; Max power(Peak value):4KW					
Environment	Recommended temperature: 21-25°C Allowable temperature: 18-26°C Humidity: <70%					

# Amsky Aurora 800 series

CTP specialized in large commercial quick printing

Maximum size of plate: 1,130mm\*920mm.

Features: Less manpower, high stability and perfect output quality.

UV plate and thermal plate are available for you to lower production cost.

Furthermore, to improve the production efficiency, 32 channels, 48 channels and 64 channels laser are provided according to different printing speeds.

Working with autoloader, processor and stacker, AMSKY Aurora 800 series can achieve full-automatic printing.

Only one operator is needed to finish the whole output process.



## Aurora 800 Series Technical Specifications

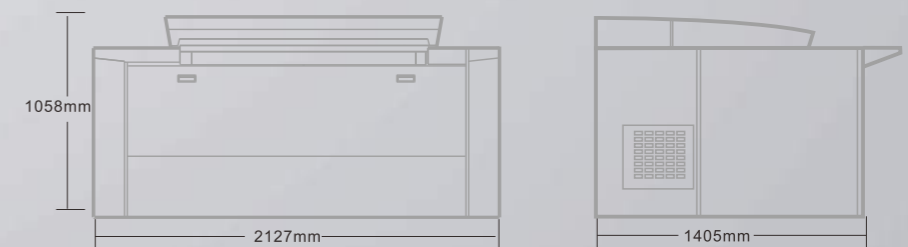
Model	U 832	U 848	U 864	T 832	T 848	T 864
Exposing Method	External Drum					
Imaging System	32-channel	48-channel	64-channel	32-channel	48-channel	64-channel
	Discrete 400-410nm laser			Discrete 830nm laser		
Output Speed	15 plates/hour	21 plates/hour	26 plates/hour	15 plates/hour	21 plates/hour	26 plates/hour
	1,030 x 800mm 2,400dpi (at 900 rpm)					
Plate Size	Max. 1,130 x 930mm, Min. 510 x 400mm; 350 x 340mm (Optional)					
Exposing Size	Max. 1,122 x 904mm					
Plate Type	UV plate, high-sensitive PS plate			Thermal plate		
Plate Thickness	0.15mm-0.3mm					
Resolutions	2,400dpi					
Repeatability	± 5 μ m(Continuous exposure over four times on the same plate with a temperature of 23°C and 60% RH )					
Interface	USB2.0					
Plate Loading	Alternative autoloader system					
Net Weight	1,200KG					
Device Size	2,127 x 1,405 x 1,058mm(W x D x H)					
Power Supply	Single phase:220V; Max power(Peak value):4KW					
Environment	Recommended temperature: 21-25°C Allowable temperature: 18-26°C Humidity: <70%					



## Smoothly automatic printing

### Amsky Aurora 800 series

Working with autoloader, processor and stacker, AMSKY Aurora 800 series can achieve full-automatic printing and make your job easier.



# Amsky Aurora U8128

CTP specialized in high-speed commercial and newspaper printing

Maximum size of plate: 1,130mm\*920mm.

Features: Less manpower, high stability and perfect output quality.

Compared with thermal plate, the applicable UV plate can significantly reduce the cost. With 128-channel laser, Amsky Aurora U8128 can easily achieve the high-speed output at 70plates/hour under the resolution of 1200dpi.

Working with autoloader, processor and stacker, AMSKY Aurora U8128 series can achieve full-automatic printing.

Only one operator is needed to finish the whole output process.



## Aurora U8128 Technical Specifications

Model	U 8128	U8128N
Exposing Method	External Drum	
Imaging System	128-channel	
	Discrete 400-410nm laser	
Output Speed	42 plates/hour	60 plates/hour
	1,030mm × 800mm 2,400dpi (at 900 rpm)	745mm × 605mm 1,200dpi (at 900 rpm)
Plate Size	Max. 1,130 × 930mm, Min. 510 × 400mm; 350 × 340mm (Optional)	
Exposing Size	Max. 1,122 × 904mm	
Plate Type	UV plate, high-sensitive PS plate	
Plate Thickness	0.15mm-0.3mm	
Resolutions	2,400dpi	1,200dpi
Repeatability	± 5 μ m(Continuous exposure over four times on the same plate with a temperature of 23°C and 60% RH)	
Interface	USB2.0	
Plate Loading	Alternative autoloader system	
Net Weight	1,200KG	
Device Size	2,127 × 1,405 × 1,058mm(W × D × H)	
Power Supply	Single phase:220V; Power:4KW	
Environment	Recommended temperature: 21-25°C Allowable temperature: 18-26°C Humidity: <70%	



## Enjoy the high-speed printing

### Amsky Aurora U8128

With 128-channel laser, Amsky Aurora U8128 can easily achieve the high-speed output at 70plates/hour under the resolution of 1200dpi.

\*The picture is for reference only. The detailed configuration is subject to the purchased device.





## Large breadth with perfect performance

### Amsky Aurora 1400 series

Amsky Aurora 1400 series CTP with large breadth can output the 1,680mm\*1,336mm plate under the resolution of 2400dpi with perfect performance in the large space. Aurora 1400 series CTP provides thermal device and UV device for users.



## Tin format printing machine

Amsky Aurora 1200 series

Automatic plate loading and unloading improves your plate-making efficiency.  
Perfect output performance enhances your industrial competitiveness.  
Efficient plate-making speed speeds up your printing.

# Amsky Aurora 1400 series

CTP specialized in large breadth printing

Maximum size of plate is 1,680mm\*1,336mm.

UV plate and thermal plate are available for you to lower production cost.

Furthermore, to improve the production efficiency, 64 channels, 128 channels and 256 channels laser are provided according to different printing speeds.

It can meet the demands of large books and periodicals, catalogues, yellow pages, packaging processing and plate-making center.



## Aurora 1400 Series Technical Specifications

Model	U1400	U1400+	T1400	T1400+(V)	T1400+(X)	T1400+(Z)
Exposing Method	External Drum					
Imaging System	64-channel	128-channel	64-channel	256-channel		
	Discrete 400-410nm laser		Discrete 830nm laser	825nm laser		
Output Speed	15 plates/hour	26 plates/hour	15 plates/hour	14 plates/hour	19 plates/hour	24 plates/hour
	1,630 × 1,325mm, 2400dpi (at 700 rpm)					
Plate Size	Max. 1,680 × 1,350mm, Min. 650 × 550mm					
Exposing Size	1,630 × 1,336mm					
Plate Type	UV plate		Thermal plate			
Plate Thickness	0.15-0.3mm or 0.27-0.4mm(Alternative)					
Resolutions	2,400dpi					
Repeatability	± 5 μ m(Continuous exposure over four times on the same plate with a temperature of 23°C and 60% RH )					
Interface	USB2.0 or USB3.0 (USB2.0 is recommended)					
Plate Loading	Alternative autoloader system					
Net Weight	1,800KG					
Device Size	2,400 × 1,430 × 1,100mm(W × D × H)					
Power Supply	Three phases:380V; Max power(Peak value):5.5KW					
Environment	Recommended temperature: 21-25°C Allowable temperature: 18-26°C Humidity: <70%					

# Amsky AURORA 1200 series

The perfect entry level choice for packaging enterprises

Maximum size of plate: 1,470\*1,180 mm.

Features: Less manpower, high stability and perfect output quality.

UV plate and thermal plate are available for you to choose.

Automatic plate loading and unloading can improve your plate-making efficiency.

Working with autoloader, processor and stacker, AMSKY Aurora 1200 series can achieve full-automatic printing.

Only one operator is needed to finish the whole output process.



## Aurora 1200 Series Technical Specifications

Model	Aurora U1200	Aurora U1200+	Aurora T1200
Exposing Method	External Drum		
Imaging System	UV64-channel	UV128-channel	Thermal64-channel
	Discrete 400-410nm laser	Discrete 400-410nm laser	Discrete 830nm laser
Output Speed	15 plates/hour	26 plates/hour	15 plates/hour
	1,430 x 1,164mm, 2400dpi (at 600 rpm)		
Plate Size	Max. 1,460 x 1,180mm, Min. 650 x 550 mm; 380 x 360mm (Optional)		
Exposing Size	Max. 1,450 x 1,164mm		
Plate Type	UV offset plate	UV offset plate	Thermal offset plate
Plate Thickness	0.15-0.3mm or 0.27-0.4mm (Alternative)		
Resolutions	2,400dpi		
Repeatability	± 5 μ m(Continuous exposure over four times on the same plate with a temperature of 23°C and 60% RH )		
Interface	USB2.0 or USB3.0 (USB2.0 is recommended)		
Plate Loading	Can work with autoloader when available		
Net Weight	1,400KG		
Device Size	2,355 x 1,910 x 1,217mm(W x D x H)		
Power Supply	Single phase:220V ; Max power(Peak value):5KW		
Environment	Recommended temperature: 21-25°C Allowable temperature: 15-30°C Humidity: <70%		



MAT800



SAT800

## MAT800 and SAT800 Autoloader Technical Specifications

Model	MAT800	SAT800
Cassette Type	Multi-cassette (4 cassettes)	Loading platform
Plate Feeding Way	Auto-feed (Remove the interleaving paper at the same time)	
Plate Feeding Speed	≤76 plates/hour	
Plate Size	Max. 1,130 × 920mm Min. 510 × 400mm	
Plate Thickness	0.15mm– 0.3 mm	
Plate Loading Quantity	400 plates (4 × 100 plates/cassette)	100 plates
Plate Stacking	Manually stack plate in cassette or on loading platform	
Interface	Rs485	
Net Weight	560KG	190KG
Device Size	1,683 × 1,460 × 1,280mm (W × D × H) The height of MAT800 plate exit above ground level is about 1020mm	1,617 × 1,300 × 1,222mm (W × D × H) The height of SAT800 plate exit above ground level is about 1020mm
Air Supply	≥0.65Mpa	
Power Supply	Single phase: 220V; Max power (Peak Value): 1100W	Single phase: 220V; Max power (peak value): 900W
Environment	Recommended temperature: 21–25°C Allowable temperature: 15–30°C Relative humidity: <70%	