



The information in this manual is for reference only. Actual products may differ. Amsky reserves the right to change it without prior notice and the right for the final explanation.

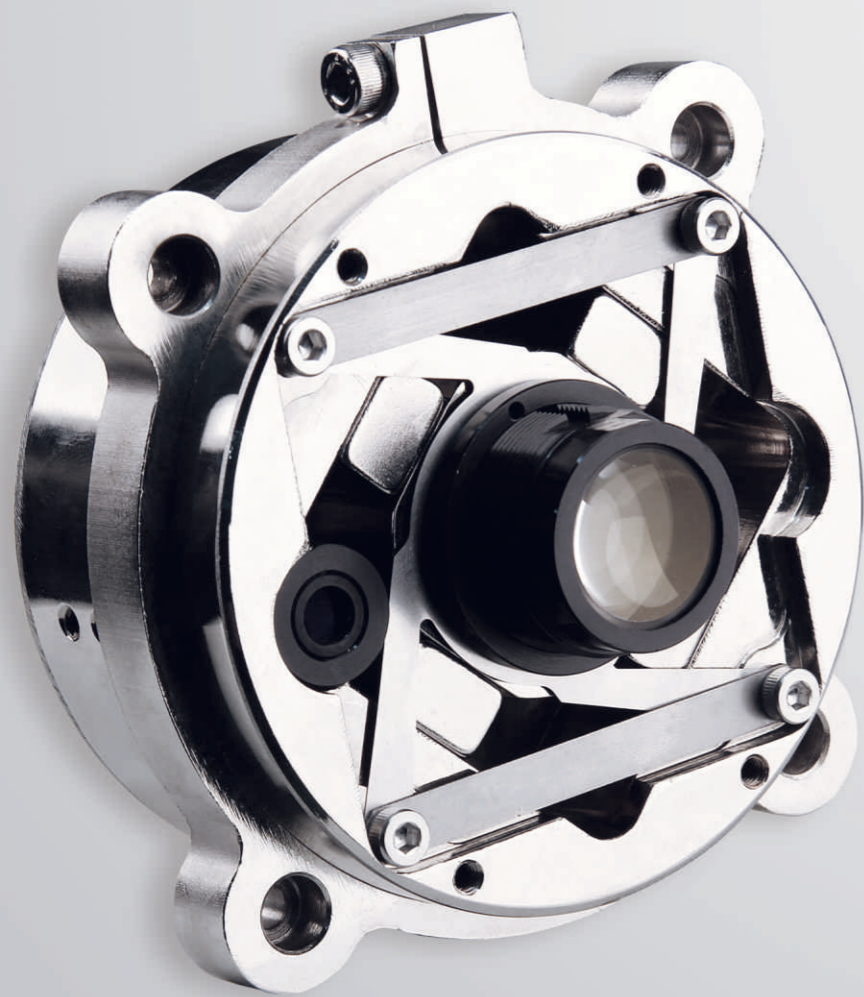
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Supreme quality

Extended throughout the world,
our selection is among excellent suppliers from Europe, America and Japan.
With meticulous attitudes and even harsh perspectives,
following the brand commitment of "Supreme Quality, Global Reputation",
Amsky elaborately presents you professional CTP equipped with
well-selected components and advanced technology.



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.

Accurate, 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.



Stable, 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

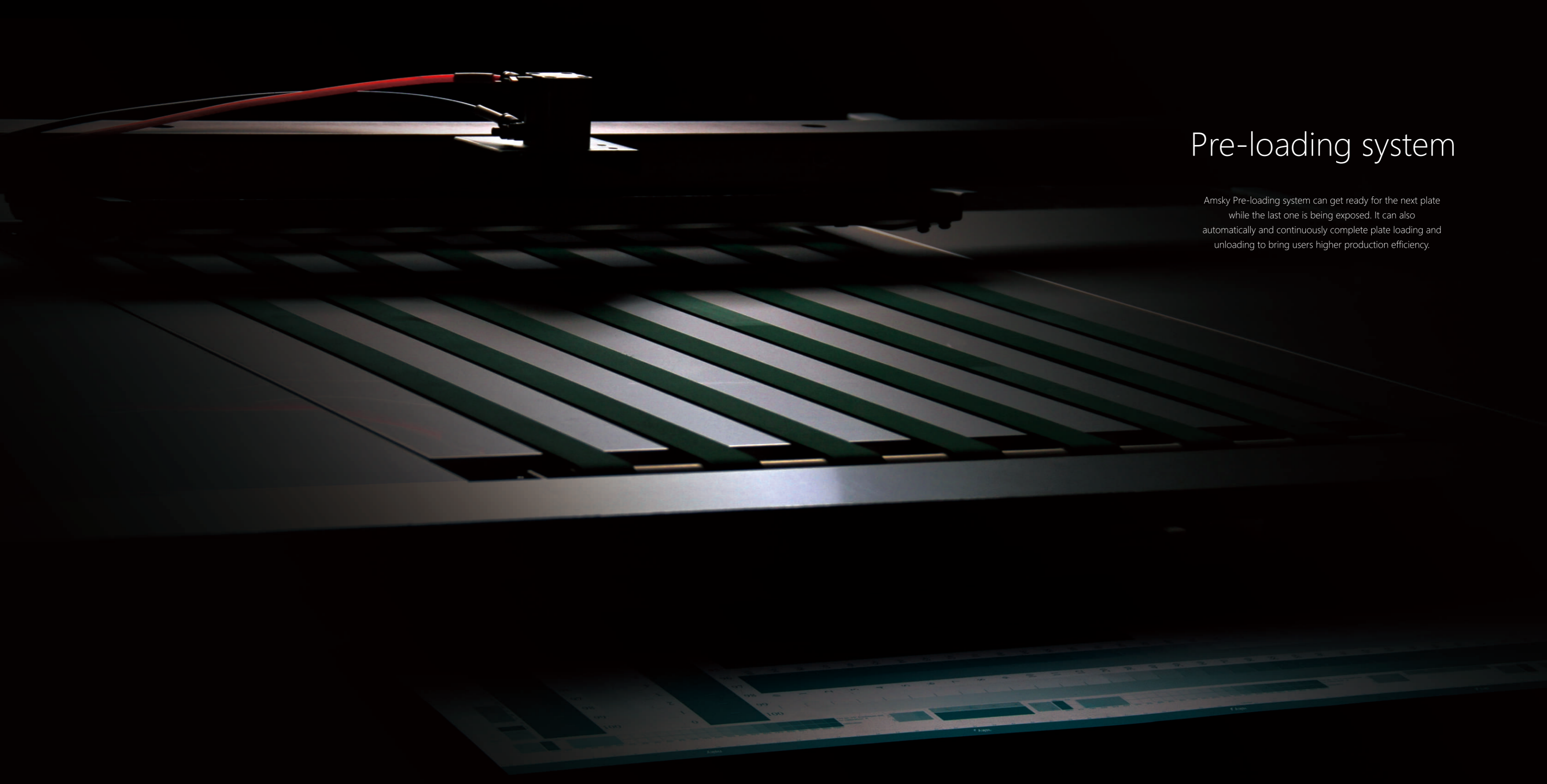
The temperature control system can automatically make two-way adjustment inside the laser box. Under optimum temperature condition,the output of laser is more stable and the life of laser is greatly lengthened.



Rapid, the embodiment of efficient production capacity

Highly efficient plate clamping system

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

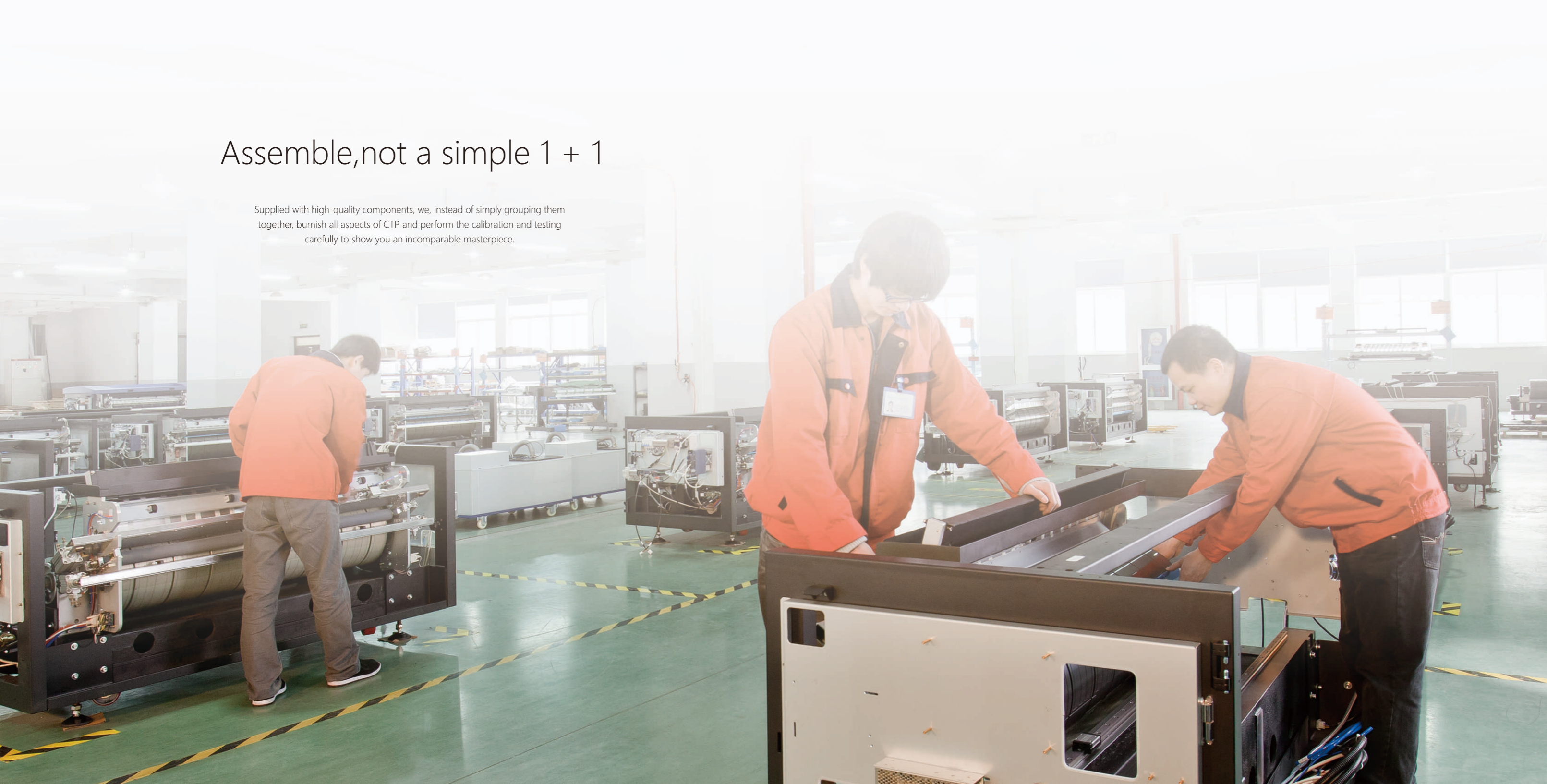


Pre-loading system

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.

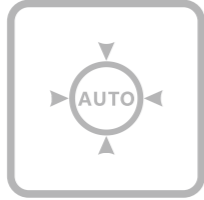
Assemble, not a simple 1 + 1

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



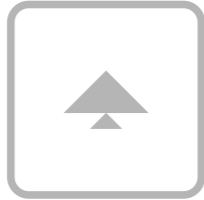
High efficiency plate clamping system



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

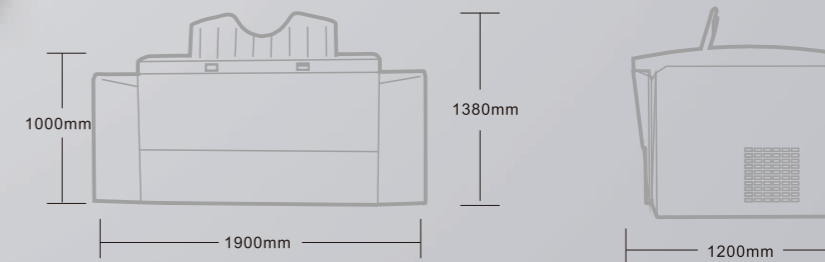
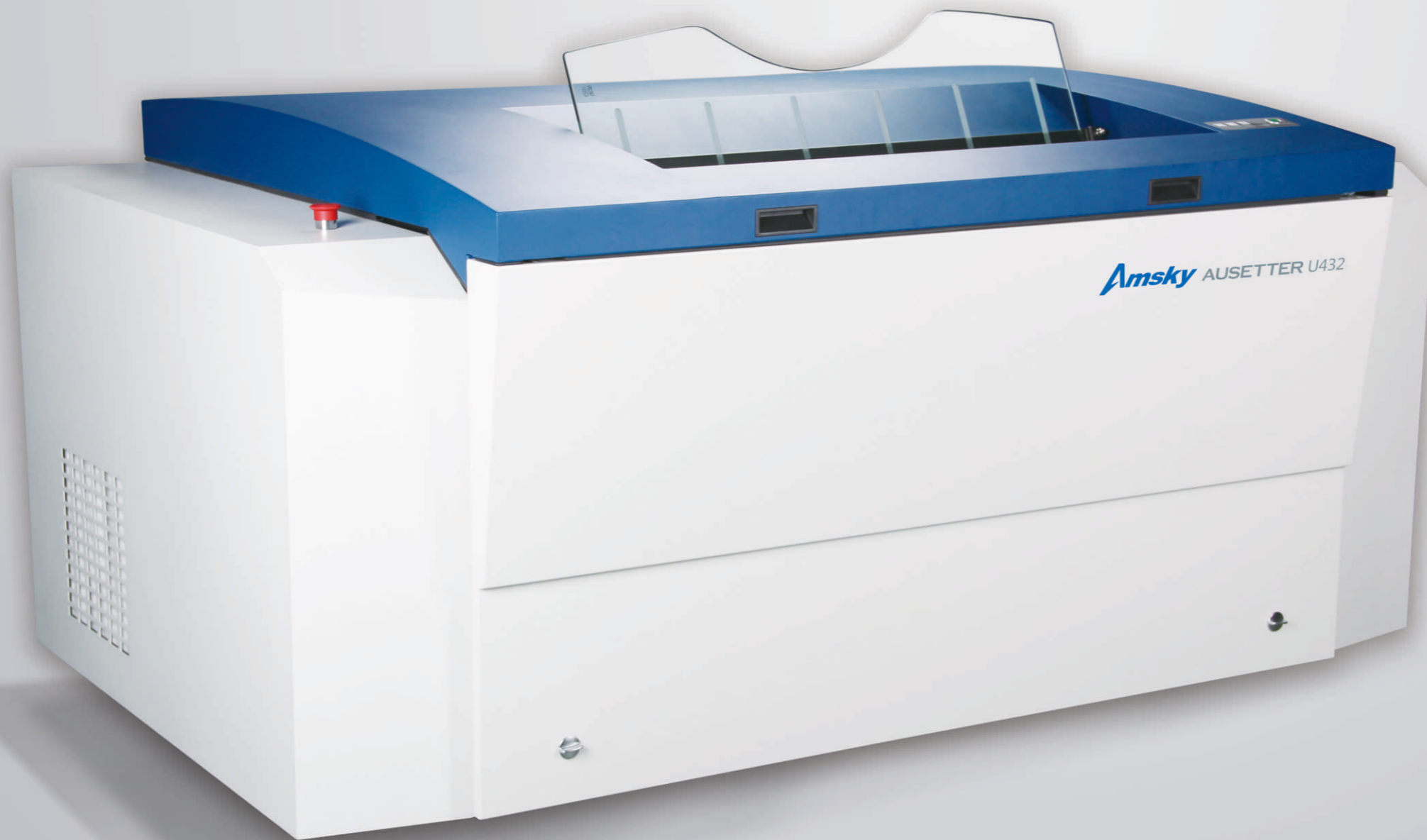
Professional engineers achieve professional technology

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.



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

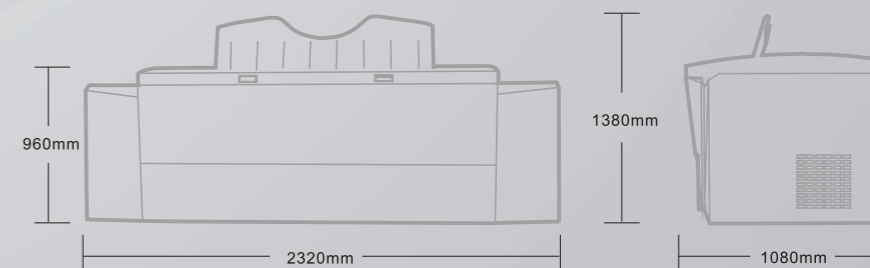
Model	U 424	U 432	U 448	T 424	T 432	T 448
Exposing Method	External Drum					
Imaging System	24-channel	32-channel	48-channel	24-channel	32-channel	48-channel
	Discrete 400-410nm laser			Discrete 830nm laser		
Output Speed	16 plates/hour	22 plates/hour	28 plates/hour	16 plates/hour	22 plates/hour	28 plates/hour
	800 × 660mm 2,400dpi					
Plate Size	Max.800 × 660mm, Min. 400 × 300mm					
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 / USB3.0 (Recommended option is USB2.0)					
Plate Loading	Manual loading and unloading					
Net Weight	800KG					
Device Size	1,900 × 1,200 × 1,000mm (W × D × H)					
Power	Single phase:200V-240V; Power:4KW					
Environment	Recommended temperature: 21-25°C Allowed temperature: 15-30°C Humidity: <70%					



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 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

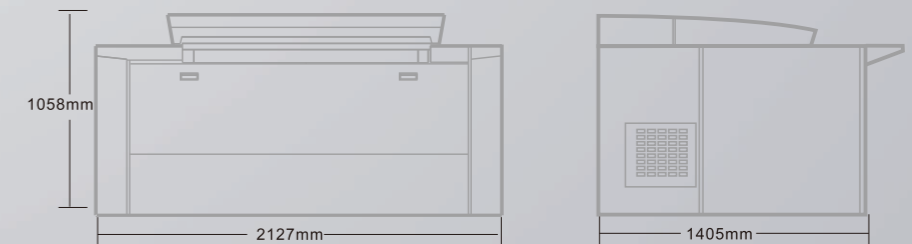
Model	U 832	U 848	U 864	T 832	T 848	T 864
Exposing Method	External Drum					
Imaging System	32-channel	48-channel	64-channel	32-channel	48-channel	64-channel
	Discrete 400-410nm laser			Discrete 830nm laser		
Output Speed	16 plates/hour	22 plates/hour	28 plates/hour	16 plates/hour	22 plates/hour	28 plates/hour
	1,030 × 800mm 2,400dpi					
Plate Size	Max. 1,130 × 920mm, Min. 400 × 300mm					
Exposing Size	Max. 1,130 × 906mm					
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 / USB3.0 (Recommended option is USB2.0)					
Plate Loading	Manual loading and unloading					
Net Weight	900KG					
Device Size	2,320 × 1,080 × 960mm(W × D × H)					
Power	Single phase:200V-240V; Max power(Peak value):4KW					
Environment	Recommended temperature: 21-25°C Allowed temperature: 15-30°C Humidity: <70%					



Smoothly automatic printing

Amsky Aurora 800 series

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



Amsky Aurora 800 series

CTP specialized in large commercial quick printing

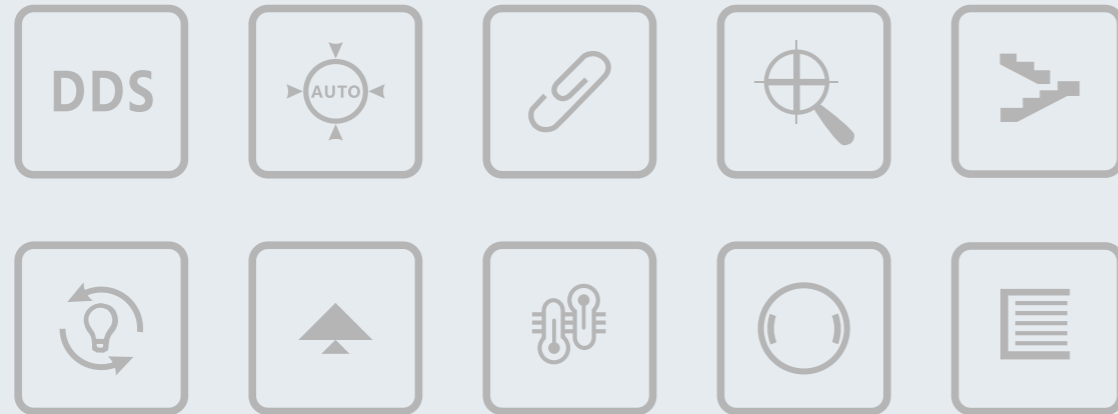
Maximum size of plate: 1,130mm*920mm.

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

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

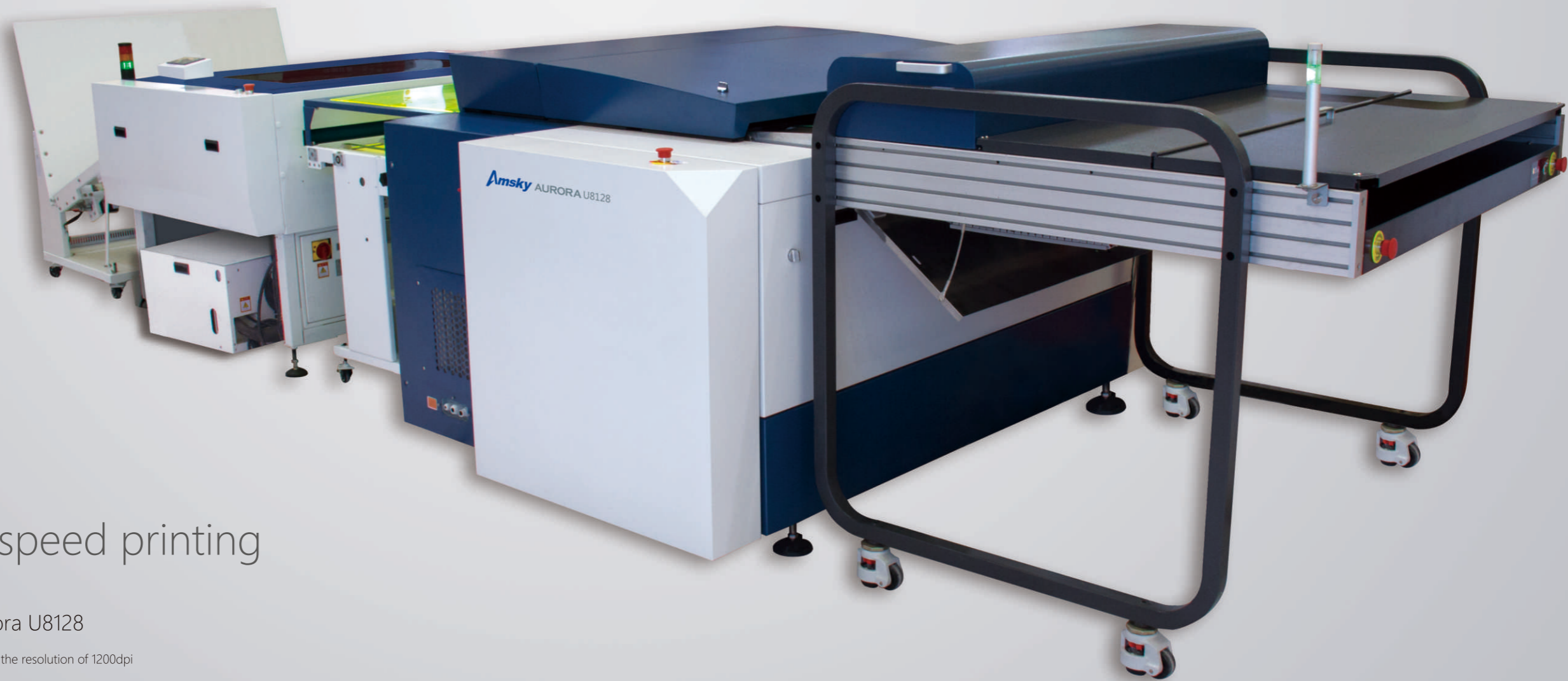
Furthermore, to improve the production efficiency, 32 channels, 48 channels and 64 channels laser are provided according to different printing speeds.

Combined 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	16 plates/hour	22 plates/hour	28 plates/hour	16 plates/hour	22 plates/hour	28 plates/hour
	1,030 × 800mm 2,400dpi					
Plate Size	Max. 1,130 × 920mm, Min. 510 × 400mm					
Exposing Size	Max. 1,130 × 906mm					
Plate Type	UV plate, high-sensitive PS plate			Thermal plate		
Plate Thickness	0.15mm ~ 0.3mm					
Resolutions	2,400dpi					
Repeatability	± 5 μm (Continuous exposure over four times on the same plate with a temperature of 23°C and 60% RH)					
Interface	USB2.0 / USB3.0 (Recommended option is USB2.0)					
Plate Loading	Autoloader system is available					
Net Weight	1,200KG					
Device Size	2,127 × 1,405 × 1,058mm(W × D × H)					
Power	Single phase:200V-240V; Max power(Peak value):4KW					
Environment	Recommended temperature: 21-25°C Allowed temperature: 15-30°C Humidity: <70%					



Enjoy the high-speed printing

Amsky Aurora U8128

Output 70 plates/hour under the resolution of 1200dpi

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

Amsky Aurora U8128

CTP specialized in high-speed commercial and newspaper printing

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

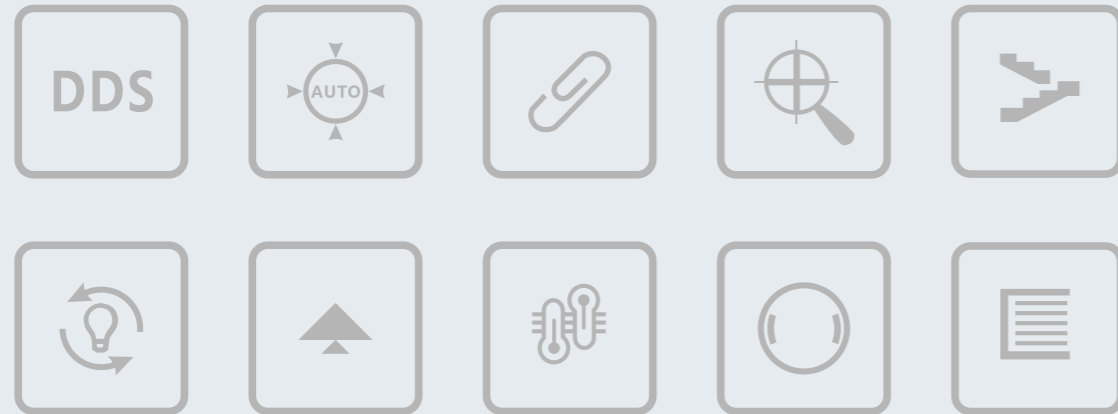
Features: Less manpower, high stability and perfect output quality.

Traditional plate is also applicable.

It can output 70 plates/hour under the resolution of 1200dpi.

Combined 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	45 plates/hour	70 plates/hour
	1,030mm × 800mm 2,400dpi	745mm × 605mm 1,200dpi
Plate Size	Max. 1,130 × 920mm, Min. 510 × 400mm	
Exposing Size	Max. 1,130 × 906mm	
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 / USB3.0 (Recommended option is USB2.0)	
Plate Loading	Alternative autoloader system	
Net Weight	1,200KG	
Device Size	2,127 × 1,405 × 1,058mm(W × D × H)	
Power	Single phase:200V-240V; Power:4KW	
Environment	Recommended temperature: 21-25°C Allowed temperature: 15-30°C Humidity: <70%	



Large size with
perfect performance

Amsky Aurora 1400 series

Amsky Aurora 1400 series CTP with large breadth can output the 1350mm*1680mm 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.

Amsky Aurora 1400 series

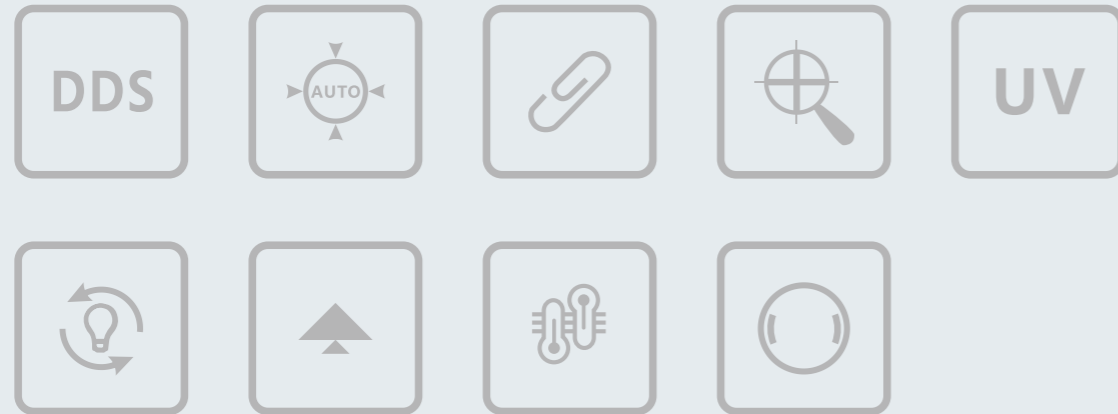
CTP with large breadth

Maximum size of plate is 1,350mm*1,680mm.

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		T1400	
Exposing Method	External Drum			
Imaging System	64 channel	128 channel	64 channel	256 channel
	Discrete 400-410nm laser		Discrete 830nm laser	
Output Speed	10 plates/hour	18 plates/hour	10 plates/hour	21 plates/hour
	1,630 × 1,325mm,2400dpi			
Plate Size	Max.1,680 × 1,350mm,Min.650 × 550mm			
Exposing Size	1,680 × 1,336mm			
Plate Type	UV plate		830nm 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 or USB3.0 (USB2.0 is recommended)			
Plate Loading	Can work with autoloader when available			
Net Weight	1,800KG			
Device Size	1,430 × 2,400 × 1,100mm (W×D×H)			
Power Supply	Single phase:200V-240V; Power:5.5KW			
Environment	Recommended temperature: 21-25°C Allowed temperature: 15-30°C Humidity: <70%			



Tin format printing machine

Amsky Aurora 1200 series tin format printing CTP

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 1200 series tin format printing CTP

The perfect entry level choice for packaging and tin format printing enterprises

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

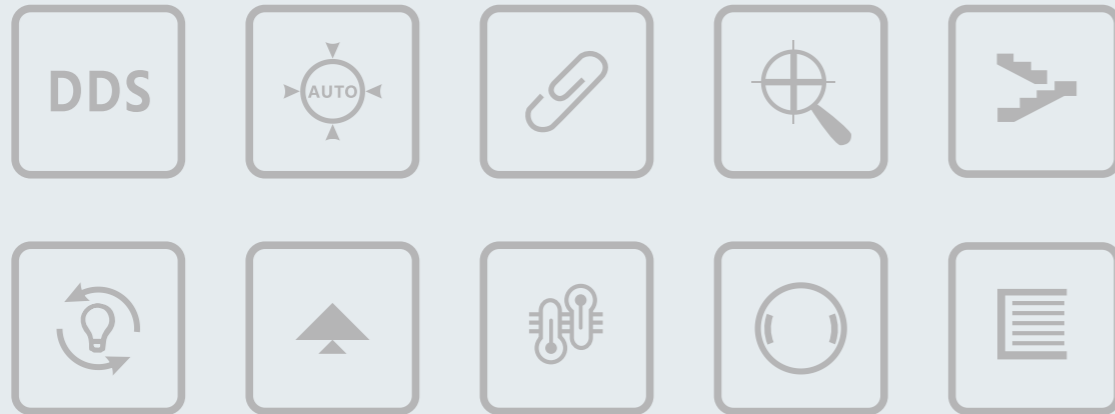
Features: Less manpower, high stability and perfect output quality.

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

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

Combined 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	16 plates/hour	27 plates/hour	16 plates/hour
	1,470 × 1,180mm 2,400dpi		
Plate Size	Max. 1,470 × 1,180mm Min. 650 × 550mm		
Exposing Size	Max. 1,470 × 1,166mm		
Plate Type	UV plate	UV plate	Thermal plate
Plate Thickness	0.15~0.30mm or 0.27~0.40mm (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 × 1,910 × 1,217mm(W × D × H)		
Power	Single phase:200V-240V; Max power(Peak value):5KW		
Environment	Recommended temperature: 21-25°C Allowed temperature: 15-30°C Humidity: <70%		



Autoloader 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. 1130 × 920mm Min. 510 × 400mm	
Plate Thickness	0.15mm- 0.27 mm	
Plate Loading Quantity	400 plates (4 × 100 plates/cassette)	100 plates
Plate Stacking	Manual stacking plates in cassette	
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)
Air Supply	≥0.65Mpa	
Power Supply	Single phase: 200-240V; Max power (Peak Value): 1100W	Single phase: 200-240V; Max power (peak value): 900W
Environment	Recommended temperature: 21-25°C Allowable temperature: 15-30°C Relative humidity: <70%	



Global reputation

Amsky's agents are widely distributed in Europe, Americas, Oceania and some Southeast Asia countries and regions, such as South Korea, India, Indonesia, Vietnam, Taiwan, etc. In addition, we have our own sales team and agents in south China, north China and central China. Our product sales channel and service system have covered more than 40 major countries and regions around the world. In 2012, Amsky became the largest CTP exporter in China.



About Us

Since its inception in 2006, Amsky has specialized in the sales and service of prepress equipment and prepress materials, and has set foot in the R&D of industrialized print technology and developed laser print head of 32 channels, 48 channels, 64 channels, and 128 channels in the succession. By adopting them on CTP successfully, Amsky launched the first generation of Alpha 900 series and produced them in small-scale.

In 2007, Amsky brought the initial leasing service mode of CTP into Chinese market. Since then, Amsky has become the first to successfully integrate CTP sales with continuous CTP service, which offers customers an applicable CTP sales mode with high-quality equipment, low entry threshold and low cost. By virtue of it, Amsky becomes one of the main promoters in driving China's CTP technology.

In 2008, with the successful introduction of overseas capital, Amsky put more emphasis on R&D and promoted the rapid upgrade of products. In June, 2010, the company launched Ausetter 800T series and Ausetter 800U series. Compared to the first generation Alpha 900 series, Ausetter 800T series are faster and more precise, and Ausetter 800U series is applicable to traditional PS plate besides CTP plate, which solved the problem of high consumptive material cost of thermal CTP.

In February, 2011, Amsky launched Ausetter 400T and Ausetter 400U applicable to quarto plate to meet the demands of small and medium printing companies. In April, the Aurora 800T and Aurora 800U were brought into the market. By combining with the autoloader and processor and achieving the full automation in the process of plate providing, plate making, plate processing and plate stacking, they can reduce the labor cost and efficiency of plate making effectively, ideal for large and medium printing companies with large volume of business.

In August, 2012, Amsky launched Aurora U8128 series. In May, 2013, Amsky launched Aurora T8256 series. Compared with Amsky other CTPs, Aurora U8128 series and T8256 series have faster plate-making speed, which can better meet the growing demand in printing enterprises. In June, 2013, Amsky launched Ausetter V series CTP. They can meet the demand of large breadth with the maximum breadth of 16 up.

In October, 2013, Amsky successfully developed Aura CTP and brought it to the market in December. This makes Amsky to be one of the earliest domestic enterprises introduced flexo CTP to the market. Amsky AURA CTP is mainly used in flexo printing enterprises and flexo plate-making center. It can improve the current traditional plate-making technology in domestic flexo printing enterprise and largely enhance its productivity, thereby contributing to the development of packaging printing, such as paper packaging, plastic packaging, metal packaging, etc. and label printing.

With unremitting efforts for years, Amsky has released full series of thermal CTP and UV CTP in succession and received good reputation from customers.