



AURA 800 series
Flexo CTP Computer to Plate

AURA 800 series technical specifications

Model	800E	800S
Exposing Method	External Drum	
Imaging System	16-channel	32-channel
	hi pow laser diode	
Exposing Time	1.45M ² /hour (4,000dpi)	2.9M ² /hour (4,000dpi)
Plate Size	Max:800 x 630mm	
Plate Type	Thermal flexo plate	
Plate Thickness	0.3mm-2.84mm	
Resolutions	4,000dpi	
Interface	USB2.0	
Plate Loading	Auto-load	
Net Weight	800kg	
Device Size	1,630x 1,160 x 1,120mm(L x W x H)	
Power supply	Single phase:200V-240V; Max power(Peak value) :3KW	
Environment	Recommended temperature:20-25℃,Allowable temperature :18-26℃, Humidity:<70%	

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Highly reliable flexo plate clamping system

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Auto switch of laser channel

When any laser channel breaks down, laser auto switch system can continue outputting through the longest consecutive channel that remains working to ensure non-stop production.

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China National Invention Patent
Patent No.
ZL200920052060.2

Dynamic autofocus
Keep accurate focus constantly to ensure sharp dot.

4

Linear motor
More accurate, more simple, and more reliable

5

Drum auto balance

Auto balance system of drums takes no more than 5 seconds to adjust the drum balance block to a new position. It can ensure the stability of the drum in high-speed operation.

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, 128 channels in succession. By adopting them on CTP successfully, Amsky launched the first generation of Alpha 900 series.

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 of Alpha 900 series, Ausetter 800T series is 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 the 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. Compared with other offset CTPs, the model has a higher speed of plate making, and it can meet the growing demand for the speed of plate making for the printing enterprises. Besides, we are also developing T8256 thermal CTP too. In June, 2013, Amsky launched Ausetter V series offset CTP. This series including thermal and UV type can be used for the full format (maximum), which can meet the demand for large format from the printing enterprises.

In 2013, we started the development of AURA flexo CTP. In July, 2014, the machine was brought into the market formally, and Amsky become one of the very few CTP enterprises who can introduce the flexo CTP. AURA Flexo CTP can help to improve the traditional platemaking technology of printing enterprise, and greatly increase the production efficiency of flexo printing enterprises in China. It also can promote the development of the field of packaging printing (paper packaging, plastic packaging, and metal packaging) and label printing.

Through continuous efforts of development and dedication to industry for many years, Amsky has released full series of thermal CTP and UV CTP with great success and receive good reputation from customers.

Amsky adheres to the philosophy "science and technology create value", and the idea "Print the dream to reality". When we are trying to meet the demand of international market, we'll provide better products by our improving manufacturing technology to extend our thanks to the customers.

The Amsky logo is displayed in white text on a blue rectangular background. The logo features a stylized 'A' followed by the word 'msky' in a sans-serif font.

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