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CRON

CRON CTP

High Resolution Fully Automatic CTP

V 2020-9



Simplicity, Stability, Speciality

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CRON CTP

Product
Manual

Fully Automatic CTP

ABOUT Us

A thousand years ago, in the early Song Dynasty, Bisheng invented man's first generation of the printing process, promoting man's heritage and development. Now, also in the same legendary place, CRON is taking on the burden and inheriting the printing culture, its mission, embarking on the long journey of change and innovation in the printing industry.

CRON has been committed to the optimization and innovation of traditional printing since its establishment in 1992. CRON's mission is to bring sustained benefits to printing enterprises through creative design and excellent manufacturer processes.

Now, CRON employs a top-quality scientific research team with a high level of advanced technological experience in international applications and the ability for independent innovation. The team has obtained almost one hundred patents.

With more than 20 years' innovation and development, CRON became the first company to draft the national standard for CP. CRON is also the only certified CTP training center in China. As a leader in the global CTP field, CRON has the largest CTP production base in the world, with an annual capacity of more than 1000 units. To date, CRON has installed more than 8000 units across the globe and supplied products and services to almost one hundred countries and regions.

CRON insists on the purpose of "take the scientific and technological innovation as the driving force, take the quality of survival, make progress every day" from the beginning to the end. CRON improves its product system and forms the four core product lines, which are offset CTP system, HDI flexo CTP, Emerald environmentally friendly plate, and EZC intelligent printing system, to meet the requests of industry 4.0.

From Germany to the USA and Malaysia, CRON has opened branch offices around the world and, at the same time, extended its R&D and production base, service, and part bases. CRON has earned praise from worldwide users and brought new power to the promotion of the printing industry.

CRON will stay true to its mission, hold its belief, and move diligently ahead.

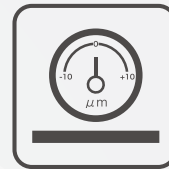
GLOBALIZATION OF CRON



Hangzhou CRON Machinery & Electronics Co., Ltd. - CTP and other related equipment
 Jimu - eco-friendly CTP Plates | CRON intelligent technology - researching printing technology
 CRONEUROPE | CRON AMERICA | CRON Graphics (Malaysia)
 CRON Hong Kong | CRON Shenzhen | CRON Beijing

Extraordinary CTP

With 20-year offset equipment manufacturing experience, CRON creates the extraordinary CTP by adopting innovative technology, unique design and delicate craftsmanship.



Class leading drum surface flatness

The surface flatness for the delicately built vacuum of is within 5 μ m, which realizes the accurate focus and perfect image.



V-shape guide rail

Classical V gauge guide rail is durable, the unique intelligent auto lubricant system makes the maintenance easy, stable, and the dot more accurate.



Digital control

The whole set of machine adopting digital control system contributes to higher accuracy and easier upgrade.



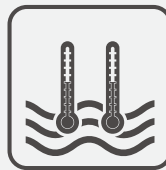
Online punching

Online punching demands no second positioning. The exposure and holes punching realize at the same time, which ultimately solve the bad registration problem.



Drum anti-air/vacuum-leakage

The patented technology - anti-air-leak drum makes sure the pressure sustainable, the plates exchange easier and efficiency better.



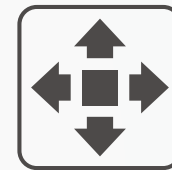
Constant temperature, double cooling system

Laser box adopts the temperature stable system which allows the water cool and wind cool, it in turn assures that the laser box functions well at any circumstance upon the temperature $\pm 0.5^{\circ}\text{C}$. As a result, the life span for the laser box extends, the energy more stable and the dot recovery better.



Big volume cassette

It can be upgraded to be 200/500 sheets multi-cassette, once laying plates, all day relax.



Multi-direction plate feeding

Online punching bridge affording plate output in 4 directions allows multiple CTP network.



Triple dynamic drum balance

The patented triple dynamic balancing drum technology allows the drum to load plates at any thickness, any formation and any material.



SMFO Laser technology

The laser system uses SMFO technology which helps to improve the resolution. Individual lasers can be changed or moved so that the cost of laser maintenance is greatly reduced.



Multi-cassette

It can be upgraded to be multi-cassette system - 5 cassette at most, which caters for the plate auto loading demands for several printing presses at one time.



Dedusting system

Advanced dedust pump helps clean the machine with high effectiveness, which ultimately solve the dust problem while imaging plates.



Linear magnetic drive scanning

State-of-the art linear magnetic drive scanning system promises high speed, high resolution, zero friction and maintenance-free, which allows the motion control more accurate, results for the imaged plate better.



Side-gauge 3 point positioning system

Patented side gauge three point positioning technology allows the repeat positioning accuracy to be 0.01mm - easy registration.



Automatic plate and slip separating technology

The unique plate and slip separating technology is suitable for slips at any thickness.



LaBoo remote service

Laboo system affords remote internet service from CRON, which helps diagnose system problems at no time.

First Choice For High-end Printing H model CTP

The CRON H model CTP adheres to the advantages of traditional technology; integrated automatic loading, quality imaging, online-punching and other functions in one package. It is simple, stable, refined and efficient. The H model is created for "intelligent printing" and is the first choice for high quality printers, 3D printing and security printing.

Optional

26H | 36H | 46H

60H | 72H

Autoloader

The new H model series uses a new version of the loader system with a standard 50 plate automatic loader.

The innovative side gauge and nozzle design together with a straight plate path makes loading easier and smoother. Automatic paper removal and plate loading not only greatly improve efficiency, but also effectively reduce labor costs.

Built-in on-line punching

The built-in on-line punching is accurate to within 0.01mm. Registering without adjustment. Punch debris is automatically removed to avoid any damage to the drum. up to 5 sets of punch molds can be installed(the gap between each punch unit should be no less than 55mm), variety options optimize for customer production needs, and fully automated.

Highly integrated

It is a fully automatic 3-in-1 system incorporating plate loading, imaging and punching. Compared with similar products, it can save an amazing one third of the space. The simple and refined design is a guarantee of stable quality.

Product Features

- | | | | | |
|---|---|--|---|--|
| 
Class leading drum surface flatness. | 
Triple dynamic drum balance. | 
Drum anti-air /vacuum-leakage. | 
Digital control. | 
Linear magnetic drive scanning. |
| 
Big volume cassette | 
Multi-cassette | 
Automatic plate and slip separating technology | 
Online punching | 
LaBoo remote service |
| 
V-shape guide rail. | 
SMFO Laser technology | 
Constant temperature, double cooling system. | 
Side-gauge 3 point positioning system. | |

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H Series Commercial CTP Technical Specifications



Built-in 50/100 plate automatic loader

Laser type: UV or Thermal Laser Model (only UV): X+/I+ Resolution:2400/2540/2800dpi (3000/3600/4000/5080/9600/10160 optional)
 Plate: Regular Plate / Eco-friendly Plate Plate thickness: 0.13~0.30mm Environment: 18~28 C , RH: 40%~60% (non-condensing)

26H Commercial Resolution Specification

Model	2624H	2632H	2648H	2664H
Plate	Max. 670×570 mm / Min. 240×240 mm			
Laser channel	24	32	48	64
Speed (Punch)	30(28)/h	36(34)/h	46(42)/h	54(49)/h
		2400dpi/510mm		
Speed (Punch)	25(24)/h	31(29)/h	40(38)/h	48(44)/h
		2400dpi/650mm		
Power supply	1-phase AC 220V±5% 50/60Hz Rated Power 5.4KW			
Dimensions	W×L×H: 1400×1110×1055 mm			
Net weight	1070kg			

36H Commercial Resolution Specification

Model	3632H	3648H	3664H	3696H
Plate	Max. 925×675 mm / Min. 240×320 mm			
Laser channel	32	48	64	96
Speed (Punch)	25(24)/h	34(32)/h	41(38)/h	51(47)/h
		2400dpi/745mm		
Power supply	1-phase AC 220V±5% 50/60Hz Rated Power 5.6KW			
Dimensions	W×L×H: 1650×980×1065 mm			
Net weight	1150kg			

60H Commercial Resolution Specification

Model	6048H	6064H	6096H	Only UVP-60128H
Plate	Max. 1524×1200 mm / Min. 450×370 mm			(Plate thickness :0.13 ~0.40 mm)
Laser channel	48	64	96	128
Speed (Punch)	19(18)/h	24(23)/h	32(30)/h	39(37)/h
		2400dpi/1030mm		
Speed (Punch)	14(14)/h	18(18)/h	26(24)/h	32(30)/h
		2400dpi/1410mm		
Power supply	3-phase AC 380V±5% 50/60Hz Rated Power 6.6KW			
Dimensions	W×L×H: 2289×1300×1173 mm			
Net weight	1660kg			

72H Commercial Resolution Specification

Model	7248H	7264H	7296H	Only UVP-72128H
Plate	Max. 1850×1422 mm / Min. 650×550 mm			(Plate thickness :0.13 ~0.40 mm)
Laser channel	48	64	96	128
Speed (Punch)	16(16)/h	21(20)/h	28(26)/h	34(32)/h
		2400dpi/1030mm		
Speed (Punch)	11(11)/h	14(14)/h	20(19)/h	25(24)/h
		2400dpi/1620mm		
Power supply	3-phase AC 380V±5% 50/60Hz Rated Power 10KW			
Dimensions	W×L×H: 2700×1650×1000 mm			
Net weight	2300kg			

H Series Newspaper & Commercial Dual-purpose CTP



The CRON CTP for Newspapers is a high-speed plate-making machine with a maximum throughput of up to 82 plates per hour meeting the requirements of most Newspaper clients.

CRON dual-purpose CTPs are able to meet the quality requirements for both Newspaper and Commercial applications. This is an important factor when considering Newspapers' requirements for magazines and inserts.

The Automatic plate loader (50 plates) is provided.

A built-in punching capability supports the installation of up to three sets of punch-dies. (The gap between each punch unit should be no less than 100mm). The optional external online punching bridge provides additional production and efficiency options

Laser type: UV or Thermal	Laser Model (only UV): X+/I+	Newspaper purpose resolution:	1200/1500/1800dpi
Plate: Regular Plate / Eco-friendly Plate	Plate thickness: 0.13~0.30mm	Dual-purpose resolution:	1500/1800/2400/2540dpi

36H Newspaper and Dual-purpose Specifications

■ Newspaper ■ Dual-purpose

Model	3632H	3648H	3664H	3696H
Plate	Max. 925×675 mm / Min. 240×320 mm			
Laser channel	32	48	64	96
Speed (Punch)	39 34 26	51 44 35 1200dpi / 800mm 1500dpi / 800mm	60 53 43 2400dpi / 745mm	73 66 55
Power supply	1-phase AC 220V±5% 50/60Hz Rated Power 5.3KW			
Dimensions	W×L×H: 1650×980×1065 mm			
Net weight	1150 kg			

46H Newspaper and Dual-purpose Specifications

■ Newspaper ■ Dual-purpose

Model	4648H	4664H	4672H	4696H	Only UVP-46128H
Plate	Max. 1160×940 mm / Min. 280×280 mm				
Laser channel	48	64	72	96	128
Speed (Punch)	45 39 23	53 47 29 1200dpi / 800mm 1500dpi / 800mm	57 51 32 2400dpi / 1030 mm	65 58 38	72 58 47
Power supply	1 phase AC 220V±5% 50/60Hz Rated Power 5.6KW				
Dimensions	W×L×H: 1900×1220×1100 mm				
Net weight	1330kg				

The Classic Design - G+ Series CTP

The updated G+ series CTP adheres to the traditional advantages of CRON CTP. Through technological innovation, it uses the advantages of automation, stability, and compatibility to the limit. The new generation G+ series CTP can totally satisfy customers' requirements for a high quality dot and for stable, reliable and long-lasting operation. In addition to all of these features it is the most cost-effective CTP available today.

New plate loading and positioning system.

The new side-gauge system allows smooth accurate movement of the plate at all times. A new independent pressure wheel structure allows the plate loading pressure to automatically adjust to the plate being used, giving smooth plate loading whatever the plate width.

New dynamic drum balance design.

The new side-gauge system allows smooth accurate movement of the plate at all times. A new independent pressure wheel structure allows the plate loading pressure to automatically adjust to the plate being used, giving smooth plate loading whatever the plate width.

Environmentally friendly and energy saving vacuum system.

A high flow vacuum system provides more even plate suction and saves more than 30% of the energy used previously.

Laser scanning system is maintenance-free.

Automatic lubrication of the guide rail makes 'maintenance-free' a reality. The linear magnetic drive is extremely precise, with super stability and accuracy. No lead screw, no grease, no banding, no abrasion, no friction and no wear.

Higher resolution

New, higher output resolutions are available. Resolutions of 4800dpi/5080dpi/9600dpi are now optional. These new additional resolutions meet the requirements of security printing and 3D printing.

Web remote operation

Web remote operation allows customers to view or operate their CRON CTP remotely. Remote data collection and analysis allows the service center to detect faults and make adjustments without the need to visit the site, saving time and cost.

Product Features



Class leading drum surface flatness.



Triple dynamic drum balance.



Drum anti-air /vacuum-leakage.



Digital control.



Linear magnetic drive scanning.



V-shape guide rail.



SMFO Laser technology



Constant temperature, double cooling system.



Side-gauge 3 point positioning system.

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G+ Series CTP Technical Specifications



Automatic plate loader is optional (50, 200 & 500 plates).
 Built-in punching function supports up to 5 sets of punch dies installation.
 (The gap between each punch unit should be no less than 55 mm)
 Optional external online punching bridge improves punching accuracy and productive efficiency.

Laser type: UV or Thermal Laser Model (only UV): X+/I+ Resolution:2400/2540/2800dpi (3000/3600/4000/5080/9600optional)
 Plate compatibility: All UV plate series Plate thickness: 0.13~0.30mm Environment: 18~28 C , RH: 40%~60% (non-condensing)
 support 200-500 sheets

26G+ Commercial Resolution Specification

Model	2624G+	2632G+	2648G+	2664G+
Plate	Max. 670×570 mm / Min. 240×240 mm			
Laser channel	24	32	48	64
Speed (Punch)	30(28)/h	36(34)/h	46(42)/h	54(49)/h
	2400dpi/510mm			
Power supply	1-phase AC 220V±5% 50/60Hz Rated Power 4.3KW			
Dimensions	W×L×H: 1400×910×1080 mm			
Net weight	920kg			

36G+ Commercial Resolution Specification

Model	3632G+	3648G+	3664G+	3696G+
Plate	Max. 925×675 mm / Min. 240×320 mm			
Laser channel	32	48	64	96
Speed (Punch)	25(24)/h	34(32)/h	41(38)/h	51(47)/h
	2400dpi/745mm			
Power supply	1-phase AC 220V±5% 50/60Hz Rated Power 4.5KW			
Dimensions	W×L×H: 1650×980×1065 mm			
Net weight	1080kg			

60G+ Commercial Resolution Specification

Model	6048G+	6064G+	6096G+	Only UVP-60128G+
Plate	Max. 1524×1200 mm / Min. 450×370 mm			(Plate thickness: 0.13 ~ 0.40 mm)
Laser channel	48	64	96	128
Speed (Punch)	19(18)/h	24(23)/h	32(30)/h	39(37)/h
	2400dpi/1030mm			
Power supply	3-phase AC 380V±5% 50/60Hz Rated Power 5.3KW			
Dimensions	W×L×H: 2300×1150×1180 mm			
Net weight	1620kg			

72G+ Commercial Resolution Specification

Model	7248G+	7264G+	7296G+	Only UVP-72128G+
Plate	Max. 1850×1422 mm / Min. 650×550 mm			(Plate thickness: 0.13 ~ 0.40 mm)
Laser channel	48	64	96	128
Speed (Punch)	11(11)/h	14(14)/h	20(19)/h	25(24)/h
	2400dpi/1620mm			
Power supply	3-phase AC 380V±5% 50/60Hz Rated Power 10KW			
Dimensions	W×L×H: 2700×1650×1000 mm			
Net weight	2300kg			

G+ Series Newspaper & Commercial Dual-purpose Specifications

CRON newspaper CTP is a classic in the field of high speed offset plate making. The maximum speed of 82 plates/hour allows Newspapers to meet their deadlines while still being able to achieve the quality and stability expected from a CRON CTP

CRON Dual-purpose CTPs are able to meet the quality requirements of both Newspaper and Commercial applications which is a number one consideration for Newspapers with Commercial requirements or Newspapers who print magazines and inserts.

The Automatic plate loader is optional (50, 200 & 500 plates).

A built-in punching capability supports the installation of up to three sets of punch-dies. (The gap between each punch unit should be no less than 100mm). The optional external online punching bridge provides additional production and efficiency options

Laser type: UV or Thermal Laser Model (only UV): X+/I+ Newspaper purpose resolution: 1200/1500/1800dpi

Plate: Regular Plate / Eco-friendly Plate Plate thickness: 0.13 ~0.30mm Dual-purpose resolution: 1500/1800/2400/2540dpi(optional)

Environment: 18~28°C, RH: 40%~60% (non-condensing)

36G+ Newspaper and Dual-purpose Specifications

■ Newspaper ■ Dual-purpose

Model	3632G+	3648G+	3664G+	3696G+
Plate	Max. 925×675 mm / Min. 240×320 mm			
Laser channel	32	48	64	96
Speed	39 34 26	51 44 35 1200dpi / 800mm 1500dpi / 800mm	60 53 43 2400dpi / 745mm	73 66 55
Power supply	1-phase AC 220V±5% 50/60Hz Rated Power 4.3KW			
Dimensions	W×L×H: 1650×980×1065 mm			
Net weight	1080 kg			

46G+ Newspaper and Dual-purpose Specifications

■ Newspaper ■ Dual-purpose

Model	4648G+	4664G+	4672G+	4696G+	Only UVP-46128G+
Plate	Max. 1160×940 mm / Min. 280×280 mm				
Laser channel	48	64	72	96	128
Speed	45 39 23	53 47 29 1200dpi / 800mm 1500dpi / 800mm	57 51 32 2400dpi / 1030 mm	65 58 38	72 58 47
Power supply	1-phase AC 220V±5% 50/60Hz Rated Power 4.5KW				
Dimensions	W×L×H: 1900×1220×1100 mm				
Net weight	1280kg				



G+ Series Accessory Equipments

Autoloader

CRON AL series auto loader achieves plate de-leafing and platefeeding automatically. Single or multi-cassette auto loaders are optional. Once plates are loaded the maximum capacity of 500 plates allows all day unattended operation of the CTP.

Multi auto loader allows up to 5 different formats of plates. Multi-plate cassettes switch automatically for different plate formats, which satisfies different plate feeding requirements. CRON AL series auto loader greatly helps the level of automation, decreasing plate waste and saving on labor cost.



Online Punching Bridge

CRON BGP series online punching bridge is exclusive to CRON and brings with it great system flexibility. Equipped with a unique precision side gauge rail, the BGP produces repeatable punching accuracy to within 10µm, which ensures precise punching position and no registration problems. Several sets of punches may be incorporated to cater for different press format and punch configurations.

By connecting with other CRON online punch bridges, a network of different plate types, plate formats, plate processors and punch systems may be realized.



Model	AL-26-200N(H)	AL-26-50-M3(H)	AL-36-200N(H)	AL-36-500(H)	AL-36-50-M3(H)
Cassettes	1	3	1	1	3
Max. plate storage per cassette	200	50	200	500	50
Max. plate storage	200	150	200	500	150
Air pressure	<-20KPa, -25KPa, -30KPa (paper suction)				
Air pressure	-70±2KPa (plate suction)				
Air pressure	0.3MPa (paper removal)				
Max. plate size	670×570	670×570	925×675	925×675	925×675
Min. plate size	240×240	240×240	240×240	240×240	240×240

Model	BGP-26-D4	BGP-36-D4	BGP-46-D4	BGP-72-D4	BG-26-D4	BG-36-D4	BG-46-D4	BG-72-D4
Repeat positioning accuracy	0.01mm				0.01mm			
Air supply mode	Air supply by external pump (>0.3MPa)				Bulit-in air supply (>0.3MPa)			
Plate output direction	4 directions				4 directions			
Punching die standard	BACHER punching system customer request				not available			
Punching mode	Pneumatic punching				not available			
Control mode	Online 4-direction control				Online 4-direction control			
Plate thickness	0.13-0.40(mm)				0.13-0.40(mm)			
Power supply	1-phase AC 220±5% 50/60Hz				1-phase AC 220±5% 50/60Hz			
Rated power	800W				800W			
Environment requirement	Environment: 18~30 °C RH: 40%~60% (non-condensing)				Environment: 18~30 °C RH: 40%~60% (non-condensing)			
Software support	LaBoo 5.X				LaBoo 5.X			
Net weight	180kg	200kg	230kg	280kg	180kg	200kg	230kg	280kg

Model	AL-46-H200	AL-46-H500	AL-46-H1500	AL-46-50-M3L(H)	AL-46-50-M5L(H)	AL-72-100(H)
Cassettes	1	1	1	3	5	1
Max. plate storage per cassette	200	500	1500	50	50	100
Max. plate storage	200	500	1500	150	250	100
Air pressure	<-20KPa, -25KPa, -30KPa (paper suction)					
Air pressure	-70±2KPa (plate suction)					
Air pressure	0.3MPa (paper removal)					
Max. plate size	1163 x 940	1163 x 940	1163 x 940	1163 x 940	1163 x 940	1850 x 1422
Min. plate size	370x370	370x370	370x370	280 x 280	280 x 280	650 x 550

Model	26 Series BGP	36 Series BGP	46 Series BGP	72 Series BGP
Punch dies quantity	1~3 (the gap between each punch unit should be no less than 100mm)			
Max. plate size (mm)	670×570	925×675	1163×940	1850×1422
Min. Plate size (mm)	240×240	240×320	450×370	650×550
Dimension	1500×950×1050mm	1800×1170×1050mm	2050×1420×1050mm	2415×2050×1200mm

2021 CRON New 46 Series CTP

Experience enhancement. Beyond elegance

New appearance design, integrated output device, user friendly control interface and brand- new touch panel operation bring a more friendly human-computer interaction experience.

Square dot imaging, achieved by the adoption of optical technology, accurately reproduction of dots with minimum error rate ≤1%. Plate making resolution ranging of 1800/2400/2540/2800 dpi, suitable for AM/FM/Hybrid screening ≥ 300 lines per inch, 10-micron FM screening print. greatly enhance the scope of business adaptation of printing enterprises. Higher resolutions of 9600/10160 could be upgraded to meet up with exquisite printing.

With available of 500 sheets, 1500 sheets or multi-cassettes auto plate loader (3 or 5 different plate formats cassettes configuration), High precision built-in online punching device, up to 5 sets of punch molds can be installed, variety options optimize for customer production needs, and fully automated.

Product Features

 Class leading drum surface flatness.	 Triple dynamic drum balance.	 Drum anti-air /vacuum-leakage.	 Digital control.	 Linear magnetic drive scanning.
 Big volume cassette	 Multi-cassette	 Automatic plate and slip separating technology	 Online punching	 LaBoo remote service
 V-shape guide rail.	 SMFO Laser technology	 Constant temperature, double cooling system.	 Side-gauge 3 point positioning system.	

RoHS 2021 New 46 G+ Series CTP



Model	4648G+	4664G+	4672G+	4696G+	46128G+
Standard Configuration	Main Unit, direct conveyor, loading tray				
Plate Loader Options	AL46-50M3L(H)、AL46-50M5L(H)、AL46-H500、AL46-H1500				
Plate Size Range	Max.1163×940mm / Min.300×300mm				
Compatible Plate	Conventional PS plate / environmentally friendly plate				
Plate Thickness	0.13 ~ 0.30mm				
Laser Channel	48	64	72	96	128
Laser Diode Type (options)	Thermal or UV (X+ / I+)				
Resolution (DPI)	1800/2400/2540/2800dpi (Upgradable DPI: 4800/5080/9600/10160dpi)				
Output Capacity (with Punch)	24 (23)	29 (28)	32 (31)	40 (37)	48 (44)
Positioning Accuracy	0.01mm				
Power Requirement	Single-phase AC 220V ±5% 50/60Hz Rated Power 5.4 kW				
Dimensions	L×W×H: 2110×1930×1280 mm				
Operating Environment	18 ~ 28 °C ; RH: 40% - 60% (non-condensing)				
Equipment Net Weight	1150kg				

- New ergonomic design. better operating experience.
- Fully optimize of technology. Improved performance in practical applications.
- Various options of new automatic plate loader.

2021 CRON New 46 Series CTP

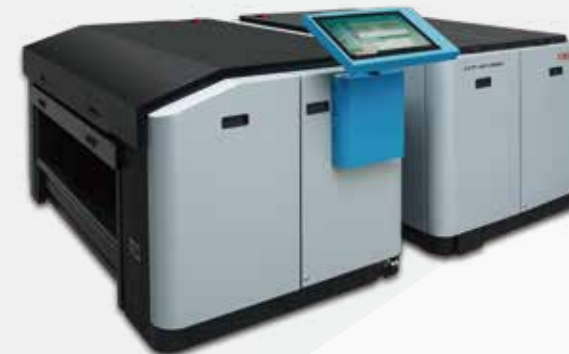
Experience enhancement. Beyond elegance

New appearance design, integrated output device, user friendly control interface and brand- new touch panel operation bring a more friendly human-computer interaction experience.

Square dot imaging, achieved by the adoption of optical technology, accurately reproduction of dots with minimum error rate ≤1%. Plate making resolution ranging of 1800/2400/2540/2800 dpi, suitable for AM/FM/Hybrid screening ≥ 300 lines per inch, 10-micron FM screening print. greatly enhance the scope of business adaptation of printing enterprises. Higher resolutions of 9600/10160 could be upgraded to meet up with exquisite printing.

High precision built-in online punching device, up to 5 sets of punch molds can be installed, variety options optimize for customer production needs, and fully automated.

2021 New 46 H+ Series CTP



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Product Features



Class leading drum surface flatness.



Triple dynamic drum balance.



Drum anti-air/vacuum-leakage.



Digital control.



Linear magnetic drive scanning.



Big volume cassette



Multi-cassette



Automatic plate and slip separating technology



Online punching



LaBoo remote service



V-shape guide rail.



SMFO Laser technology



Constant temperature, double cooling system.



Side-gauge 3 point positioning system.

Model	4648H+	4672H+	4696H+	46128H+
Standard Configuration	Main Unit, direct conveyor, AL46-H200loading tray			
Plate Size Range	Max.1163×940mm / Min.300×300mm			
Compatible Plate	Conventional PS plate / environmentally friendly plate			
Plate Thickness	0.13 ~ 0.30mm			
Laser Channel	48	72	96	128
Laser Diode Type (options)	Thermal or UV (X+ / I+)			
Resolution (DPI)	1800/2400/2540/2800dpi (Upgradable DPI: 4800/5080/9600/10160dpi)			
Output Capacity (with Punch)	24 (23)	32 (31)	40 (37)	48 (44)
Positioning Accuracy	0.01mm			
Power Requirements	Single-phase AC 220V ±5% 50/60Hz Rated Power 5.6 kW			
Dimensions	L×W×H: 2110×3080×1280 mm			
Operating Environment	18 ~ 28 C ; RH: 40% - 60% (non-condensing)			
Equipment Net Weight	2150kg			

- New ergonomic design, better operating experience.
- Fully optimize of technology, improved performance in practical applications.
- Standard with 200 fully automatic plate loader.

2021 New High-End Series CTP

Ultra-rapid, neatly exquisite

The original dual-drum system and new plate feeding mode contributing to the output of 70 plates per hour, honors itself as one of the fastest CTPs in the industry.

Dual-drum rapid CTP adhering to the consistent technical advantages of CRON products realizes square dot imaging by adopting optical technology. Linear magnetic drive scanning system promises zero contact, no friction; the most classic V-shaped guide rail and automatic lubrication function; all these truly realize maintenance-free. And the best constant focal length, stables and sharpens the outputting dots.

1500-1500-sheets automatic plate loader; up to 5 sets of built-in punching device highly benefits top-end printing enterprises by saving them 40% energy consumption, 45% floor space, 50% investment cost. 1 unit of dual-drum rapid CTP-46T is two times the value of others, the preferred choice for printing enterprises aiming to pursue on a top-end intelligent production course.

Product Features

 Class leading drum surface flatness.	 Triple dynamic drum balance.	 Drum anti-air /vacuum-leakage.	 Digital control.	 Linear magnetic drive scanning.
 Big volume cassette	 Multi-cassette	 Automatic plate and slip separating technology	 Online punching	 LaBoo remote service
 V-shape guide rail.	 SMFO Laser technology	 Constant temperature, double cooling system.	 Side-gauge 3 point positioning system.	

RoHS



Dual-Drum Rapid CTP



Model	DD858	DD870
Plate Size Range	Max.1163×940mm / Min.450x370mm	
Compatible Plate	Conventional PS plate / environmentally friendly plate	
Plate Thickness	0.13 ~ 0.30mm	
Laser Channel	96	128
Laser Diode Type (options)	Thermal or UV (X+ / I+)	
Resolution (DPI)	2400/2540/2800dpi (Upgradable DPI: 4800/5080/9600dpi)	
Output Capacity (with Punch)	55 p/h	70 p/h
Power Requirements	Single-phase AC 220V ±5% 50/60Hz Rated Power 8.6 kW	
Positioning Accuracy	0.01mm	
Dimensions	L×W×H: 2500×4330×1350 mm	
Operating Environment	18 ~ 28 C ; RH: 40% - 60% (non-condensing)	
Equipment Net Weight	3870kg	

- Unique design dual-drum system, 70 plates per hour.
- 1500-plate automatic plate loader, no intervention.
- Highly integrated, small footprint space occupy, higher productivity.