Peak performance in medium-size format. **Suprasetter A106/106.**

Equipped with extremely reliable technology, unique in its class, the Suprasetter® A106/106 offers superb quality with maximum production capability. Even more, this range of Suprasetter machines provides a high level of flexibility in throughput, format, plate handling, and punching. The best conditions for combining high productivity and maximum flexibility are also ensured through seamless integration in the Prinect® workflow with freely selectable screening processes and Plate on Demand, the system for direct launching of plate production at the press control station.

Laser technology made by Heidelberg

The laser systems developed exclusively by Heidelberg® for the Suprasetter provide excellent imaging quality. The modular design enables additional laser modules to be easily and rapidly added on site – without long downtimes and with little service requirement. Production reliability is ensured through the Intelligent Diode System (IDS). This means that if a diode fails, operation can continue. The Suprasetter also offers a consistently high depth of focus to compensate for unevenness in the plates.

From manual to fully automated operation

The basic model can be easily upgraded with an Auto/Dual Cassette Loader (ACL/DCL) for fully automated operation. The ACL/DCL works with one or two plate cassettes for different plate formats.

When you use an Auto Pallet Loader (APL) you can be sure that your plate production is working with maximum efficiency because the APL can automatically load printing plates that are on a transport pallet.

To make plate production even faster and ensure flexibility when using different plate formats, the Auto Pallet Loader can be used in parallel with the Auto Cassette Loader or the Dual Cassette Loader.

Smart Plate Handling

The Suprasetter A106/106 offers ultra-convenient plate handling by using Smart Plate Handling at every configuration level. The Auto or Dual Cassette Loader (ACL/DCL) loading systems are docked in position at the back, while the Auto Pallet Loader (APL) is docked in position at the front via a foldable transport bridge.

Technical data. Suprasetter A106/106.

	Suprasetter A106	Suprasetter 106
Auto/Dual Cassette Loader (ACL/DCL)	○	○
Auto Pallet Loader: APL 106 G/APL 106 K	○/○	○/○
Throughput, optional (plates/h in max. format)	18	15/21/27/33/38/42
Dimensions (width × depth × height)	2,150 × 1,494 × 1,536 mm (84.65 × 58.82 × 60.47 in)	2,150 × 1,494 × 1,536 mm (84.65 × 58.82 × 60.47 in)
Min. plate format (height × width)	370 × 323 mm (14.57 × 12.72 in)	370 × 323 mm (14.57 × 12.72 in)
Min. plate format (height × width) with APL	APL 106 G: 790 × 1,030 mm (31.10 × 40.55 in)/ APL 106 K: 605 × 745 mm (23.81 × 29.33 in)	APL 106 G: 790 × 1,030 mm (31.10 × 40.55 in)/ APL 106 K: 605 × 745 mm (23.81 × 29.33 in)
Max. plate format (height × width)	930 × 1,060 mm (36.61 × 41.73 in)	930 × 1,140 mm (36.61 × 44.88 in)
Max. plate format (height × width) with APL	APL 106 G and APL 106 K: 930 × 1,060 mm (36.61 × 41.73 in)	APL 106 G and APL 106 K: 930 × 1,140 mm (36.61 × 44.88 in)
Max. imaging format (height × width)	918 × 1,060 mm (36.14 × 41.73 in)	918 × 1,140 mm (36.14 × 44.88 in)
Plate thickness	0.15–0.35 mm (0.0059–0.014 in)	0.15–0.35 mm (0.0059–0.014 in)
Resolution	2,400 dpi or 2,540 dpi[1]	2,400 dpi or 2,540 dpi[1]
Internal punches	Up to 4 pairs of punches	Up to 4 pairs of punches
Operating temperature	17–27 °C (62.6–80.6 °F)	17–27 °C (62.6–80.6 °F)
Relative humidity	40–70 %	40–70 %
Smart Plate Handling	•	•
Lenticular Resolution Adjustment	○	○
Workflow integration	Prinect Prepress Manager, Prinect MetaDimension, Prinect Shooter	Prinect Prepress Manager, Prinect MetaDimension, Prinect Shooter

○ Option • Standard [1] Optional 5,080 dpi
Technical data subject to job, consumables, substrate, and possibly other factors.

Temperature stabilizer

The temperature of all the components relevant to imaging is maintained at a constant level. The imaging of the printing plates always takes place under the same conditions – a performance feature that is particularly beneficial for plate remakes. Any deviations caused by ambient temperature changes are avoided. This maintains the high register accuracy with the printing plates allowing for a faster makeready on press.

Maximum punching accuracy

Suprasetter can be optionally equipped with an extremely accurate internal punching system. The punched plates provide maximum register accuracy.

Debris Removal System

The Debris Removal System is an optional suction and dust filter system that removes loose particles and dust. When fitted with this option, the Suprasetter A106/106 is also fully equipped to process ablative plates.

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