

# Suprasetter 75/A105/105

**HEIDELBERG**

**High performance for medium formats** • Equipped with extremely reliable technology, unique in its class, the Suprasetter™ 75/A105/105 offer superb quality with maximum production capability. Even more, this range of Suprasetter 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 a free selection of the screenings or Plate on Demand, giving a direct access to plate production at the control panel of the press.

**Laser system 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 in four- or eight-page format can be easily upgraded with a Single Cassette Loader (SCL) or with a Multi Cassette Loader (MCL) for fully automated operation. The SCL works with one plate cassette, the MCL with up to four cassettes for different plate formats and types. The loading system can accept up to 600 plates with a MCL. Equipped with such a supply of plates, it is possible to work continuously for several hours without having to refill the cassettes. A different format job will implement automatic cassette exchange for the proper plate size.



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**Subject to technical modifications and other changes.**

	Suprasetter 75	Suprasetter 105	Suprasetter A105
Single Cassette Loader (SCL)	◦	◦	◦
Multi Cassette Loader (MCL)	◦	◦	◦
Productivity option (plates/h with max. format)	21/27/33/38	15/21/27/33/38	12
Dimensions (width × depth × height)	1,830×1,494×1,536 mm (72.05×58.82×60.47 in)	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)	370×323 mm (14.57×12.72 in)
Max. plate format (height × width)	680×760 mm (26.77×29.92 in)	930×1,140 mm (36.61×44.88 in)	930×1,055 mm (36.61×41.54 in)
Plate thickness	0.15–0.3 mm (0.006–0.012 in)	0.15–0.35 mm (0.006–0.014 in)	0.15–0.35 mm (0.006–0.014 in)
Resolution	2,400 or 2,540 dpi	2,400 or 2,540 dpi	2,400 or 2,540 dpi
Internal punch	up to 3 pairs of punches	up to 4 pairs of punches	up to 4 pairs of punches
Operating temperature	17°C–30°C (62.6 F–86 F)	17°C–30°C (62.6 F–86 F)	17°C–27°C (62.6 F–86 F)
Relative humidity	40–70%	40–70%	40–70%
Smart Plate Handling	•	•	•
Workflow integration	Prinect MetaShooter	Prinect MetaShooter	Prinect MetaDimension or Prinect MetaShooter

◦ Option • Standard

**Smart Plate Handling** • The Suprasetter 75/A105/105 offer maximum convenience with plate handling by using Smart Plate Handling at every upgrade level. As the auto plate loading system is integrated to the back of the CtP, the manual plate loading in the front is unobstructed. A plate conveyor is also integrated into the auto loader, reducing the footprint of the over all system. This is an advantage compared with conventional systems, which generally have a restricted bypass operation and an external conveyor. Even with a fully automatic system, the Suprasetter allows a quick manual plate load – auto or manual plate loading are on par with each other.

**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 a faster makeready on press.

**Maximum punching accuracy** • Suprasetter can be optionally equipped with highly accurate internal punching systems. The punched plates provide maximum register accuracy. This reduces press makeready times which also minimizes waste. Additional punching systems can be added on site at any time.

**Debris Removal System** • The Debris Removal System is an optional vacuum and filtration system that removes loose particles and dust. When fitted with this option, the Suprasetter 75/A105/105 is also fully equipped to process ablative plates.

#### Entry-level model Suprasetter A105 •

The Suprasetter A105 was developed to provide cost-effective technical advantages and also uses the modular design of the Suprasetter family. It has a fixed non-expandable number of lasers and works without a temperature stabilizer.

**Prinected** • Of course, the Suprasetter 75/A105/105 machines can all be effortlessly incorporated into the Prinect print shop workflow. It is also possible to connect them to workflow systems from other suppliers via Prinect MetaShooter®.