



Superior large format partners.

Suprasetter 145/162/190.

The Suprasetter® 145/162/190 are based on well-proven technologies. These large-format platesetters from Heidelberg® set new standards regarding quality, reliability, flexibility, and user convenience in their class. At the same time they create ideal conditions to make full use of the productivity of a press.

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

For fully automatic operation, the standard model can be easily upgraded with an Auto Cassette Loader (ACL) or as an alternative with an Auto Pallet Loader (APL). The Suprasetter 145/162/190 offer maximum plate handling convenience at every configuration level. The loading systems dock at the back of the unit, leaving the plate compartment accessible for manual loading. This is a major advantage compared with conventional systems, which generally only permit restricted bypass operation.

Maximum flexibility with plate types and formats

The fully automatic Auto Cassette Loader (ACL) loading unit takes up to six different formats, each with up to 100 plates. A total volume of 600 printing plates and an automatic selection of the right type of plate provide for efficient plate production.



For print shops with high job volumes, the Auto Pallet Loader (APL) makes loading printing plates from a transport pallet easy and efficient. Add-on modules ensure that the Auto Pallet Loader can be loaded with up to 4 pallets with a maximum volume of up to 1,200 printing plates for each pallet¹.

Temperature stabilizer

The temperature of all the components relevant to imaging is maintained at a constant level. The imaging of the printing plates 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.

¹ Depending on plate, format and weight

Technical data. Suprasetter 145/162/190.

	Suprasetter 145	Suprasetter 162	Suprasetter 190
Auto Cassette Loader (ACL)	◦	◦	◦
Auto Pallet Loader (APL)	◦	◦	◦
Throughput, optional (plates/h in max. format)	15/25/35	15/25/35	15/25
Dimensions (width × depth × height)	3,400 × 3,380 × 1,560 mm (133.86 × 133.07 × 61.42 in)	3,400 × 3,380 × 1,560 mm (133.86 × 133.07 × 61.42 in)	3,400 × 3,380 × 1,560 mm (133.86 × 133.07 × 61.42 in)
Min. plate format (height × width)	500 × 650 mm (19.69 × 25.59 in)	500 × 650 mm (19.69 × 25.59 in)	500 × 650 mm (19.69 × 25.59 in)
Min. plate format (height × width) with APL	611 × 968 mm (24.06 × 38.11 in)	611 × 968 mm (24.06 × 38.11 in)	611 × 968 mm (24.06 × 38.11 in)
Max. plate format (height × width)	1,425 × 1,460 mm (56.10 × 57.48 in)	1,425 × 1,650 mm (56.10 × 64.96 in)	1,425 × 1,915 mm (56.10 × 75.39 in)
Max. plate format (height × width) with APL	1,425 × 1,460 mm (56.10 × 57.48 in)	1,425 × 1,650 mm (56.10 × 64.96 in)	1,425 × 1,915 mm (56.10 × 75.39 in)
Max. imaging format (height × width)	1,413 × 1,460 mm (55.62 × 57.48 in)	1,413 × 1,650 mm (55.62 × 64.96 in)	1,413 × 1,915 mm (55.62 × 75.39 in)
Plate thickness	0.24–0.4 mm (0.009–0.016 in)	0.24–0.4 mm (0.009–0.016 in)	0.24–0.4 mm (0.009–0.016 in)
Resolution	2,400 dpi or 2,540 dpi	2,400 dpi or 2,540 dpi	2,400 dpi or 2,540 dpi
Internal punches	Up to 5 pairs of punches	Up to 5 pairs of punches	Up to 5 pairs of punches
Operating temperature	20–27 °C (68–80.6 °F)	20–27 °C (68–80.6 °F)	20–27 °C (68–80.6 °F)
Relative humidity	40–70 %	40–70 %	40–70 %
Debris Removal System	◦	◦	◦
Smart Plate Handling	•	•	•
Lenticular Resolution Adjustment	•	•	•
Workflow integration	Prinect Shooter	Prinect Shooter	Prinect Shooter

◦ Option • Standard

Technical data subject to job, consumables, substrate, and possibly other factors.

Maximum punching accuracy

The Suprasetter 145/162/190 can be optionally equipped with internal punching systems for maximum register accuracy. This reduces makeready times and paper waste.

Debris Removal System

The Debris Removal System is an optional suction and dust filter system that removes loose particles. When fitted with this option, the Suprasetter 145/162/190 are also fully equipped to process ablative plates.

Integration into the Prinect workflow

The Suprasetter 145/162/190 can all be effortlessly incorporated into the Prinect® print and media workflow. It is also possible to connect them to workflow systems from other suppliers via Prinect Shooter.

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