

# Suprasetter 145/162/190

**HEIDELBERG**

**The superior partner for large formats.** 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 systems 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 a Pallet Loader (APL). The Suprasetter 145/162/190 offer maximum plate handling convenience at every configuration level. Since the loading systems are docked in position at the back, the plate trays for manual loading remain freely accessible. This is a major advantage compared with conventional systems, which generally only permit restricted bypass operation.



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For details on the emissions of the Suprasetter, please visit us at [www.heidelberg.com/emissiondetails](http://www.heidelberg.com/emissiondetails)

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

	Suprasetter 145	Suprasetter 162	Suprasetter 190
Auto Cassette Loader (ACL)	○	○	○
Auto Pallet Loader APL	○	○	○
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. imaging area (height × width)	1,413 × 1,460 mm (55.63 × 57.48 in)	1,413 × 1,630 mm (55.63 × 64.17 in)	1,413 × 1,915 mm (55.63 × 75.39 in)
Max. plate format (height × width) with APL	1,425 × 1,915 mm (56.10 × 75.39 in)	1,425 × 1,650 mm (56.10 × 64.17 in)	1,425 × 1,915 mm (56.10 × 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 or 2,540 dpi	2,400 or 2,540 dpi	2,400 or 2,540 dpi
Internal punch	up to 5 pairs of punches	up to 5 pairs of punches	up to 5 pairs of punches
Operating temperature	20 °C–27 °C (68.0 F–80.6 F)	20 °C–27 °C (68.0 F–80.6 F)	20 °C–27 °C (68.0 F–80.6 F)
Relative humidity	40–70%	40–70%	40–70%
Debris Removal System	○	○	○
Temperature stabilizer	●	●	●
Intelligent Diode System (IDS)	●	●	●
Workflow integration	Prinect MetaShooter	Prinect MetaShooter	Prinect MetaShooter

○ Option    ● Standard

#### 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 600 printing plates for each pallet.

**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 of the Suprasetter 145/162/190 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. 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 145/162/190 are also fully equipped to process ablative plates.

**Prinected.** Of course, the Suprasetter 145/162/190 can all be effortlessly incorporated into the print shop workflow of Prinect®. It is also possible to connect them to workflow systems from other suppliers via Prinect MetaShooter®.