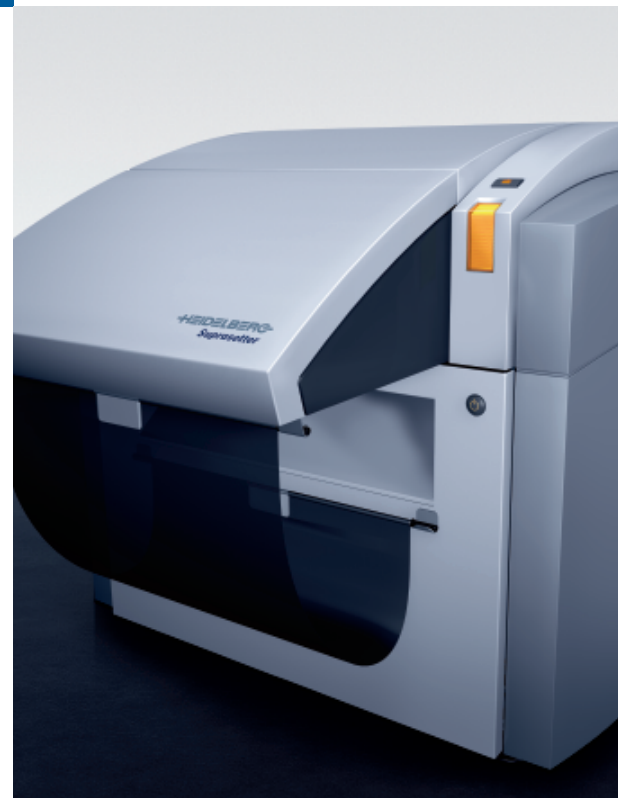# Suprasetter A52/A75

HEIDELBERG

The most space-saving and successful CtP platesetter of its class • One of the impressive points about the small- and medium-format Suprasetter™ is how compact it is. Whilst the basic manual feed CtP has a very small footprint, a Suprasetter A52/A75 with auto plate loading system is by far the smallest platesetter in its class – the ideal pre-condition for being able to invest in Computer-to-Plate (CtP) production without having to restructure. The Suprasetter A52/A75, which is fully equipped with the technology of a high-end machine, offers outstanding performance features.

Laser technology made by Heidelberg® • A Suprasetter A52/A75 uses the same proven laser technology as all the other models in the Suprasetter series. Production reliability is ensured through the Intelligent Diode System (IDS). This means that if a diode fails, operation can continue. The laser systems developed exclusively by Heidelberg deliver reliable imaging quality.

Compact full automation for small and medium formats • With an optional Auto Top Loader (ATL) or Dual Top Loader (DTL), a manual Suprasetter A52/A75 provides fully automated plate loading with slip sheet removal. These Loader modules can be easily installed on the basic unit. Due to an additionally integrated tray the Dual Top Loader (DTL) offers two different plate formats (2-up and 4-up) in parallel for completely automatic changing. The cassette integrated in the ATL has a capacity of 50 to 100 plates, depending on material thickness. The investment in an ATL or a DTL pays off in no time due to mostly unattended operation.

	Suprasetter A52	Suprasetter A75
Auto Top Loader (ATL)[1]	∘	∘
Dual Top Loader (DTL)[2]	∘	∘
Productivity (plates/h with max. format)	20/27	17/22
Productivity (plates/h in QM 46 format)	23/33	23/33
Dimensions (width × depth × height)	1,550 × 1,218 × 1,350 mm (61.02 × 47.95 × 53.15 in)	1,550 × 1,218 × 1,350 mm (61.02 × 47.95 × 53.15 in)
Min. plate format (height × width)	240 × 240 mm (9.45 × 9.45 in)	240 × 240 mm (9.45 × 9.45 in)
Max. plate format (height × width)	676 × 530 mm (26.61 × 20.87 in)	676 × 760 mm (26.61 × 29.92 in)
Max. imaging area (height × width)	656 × 530 mm (25.83 × 20.87 in)	656 × 760 mm (25.83 × 29.92 in)
Plate thickness	0.15–0.3 mm (0.006–0.012 in)	0.15–0.3 mm (0.006–0.012 in)
Resolution	2,400 dpi, 2,540 dpi and optional 5,080 dpi	2,400 dpi, 2,540 dpi and optional 5,080 dpi
Internal punch	up to 2 pairs of punches	up to 2 pairs of punches
Operating temperature	17 °C–30 °C (62.6 F–86 F)	17 °C–30 °C (62.6 F–86 F)
Relative humidity	30–70 %	30–70 %
Suprasetter Lenticular Resolution Adjustment	∘	∘
5,080 dpi HighResolution[3]	∘	∘
Workflow integration	Prinect Prepress Manager Prinect MetaDimension Prinect Shooter	Prinect Prepress Manager Prinect MetaDimension Prinect Shooter
Voltage	1 phase 200–240 V AC	1 phase 200–240 V AC
Power consumption	< 700 W, in average 550 W during plate imaging, 4 W in stand-by mode	< 700 W, in average 550 W during plate imaging, 4 W in stand-by mode
[1]ATL: max. plate format (height × width)	676 × 530 mm (26.61 × 20.87 in)	676 × 760 mm (26.61 × 29.92 in)
[2]DTL: max. 1st plate format (height × width) max. 2nd plate format (height × width)	676 × 530 mm (26.61 × 20.87 in) 505 × 530 mm (19.88 × 20.87 in)	676 × 760 mm (26.61 × 29.92 in) 505 × 530 mm (19.88 × 20.87 in)

∘ Option

[3] Only for 2540 dpi resolution model

Low consumption for the benefit of the environment • The Suprasetter A52/A75 has the lowest energy usage in its class and it has the lowest heat output. This also has a positive effect on the energy balance. There is no need for additional air-conditioning at up to 30 degree Celcius (86 degree Fahrenheit) ambient temperature. The minimal electricity requirement provides substantial long term, cost savings along with being environmentally friendly.

Can be configured for various thermal plates
A Suprasetter A52/A75 offers the right configuration for every type of plate. For example, an online processor can be connected for conventional thermal plates, a clean out unit for chemical-free thermal plates as well as a plate stacker for process-free thermal plates.

Highest 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.

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 A52/A75 is also fully equipped to process ablative plates.

Operational within a day • A Suprasetter A52/A75 lives up to the slogan 'plug and play' and is ready for full operation within a day. After the platesetter has been unpacked, installed and the operator given brief instructions, plate production can start immediately.