

4 Reasons Why Optima

#1 Designed for the Short Runs

Optima may be delivered with SOMA's **automatic plate moulder S-Mount**. The automatic plate mounting process is much faster and more accurate than manual mounting. With it, press downtime due to incorrect plate mounting is minimized. S-Mount comes with the unique IRIS feature: plate topography and registration measurements, which provides the foundation for automatic registration and impression settings on press.

IRIS - the fully automated system in Optima flexographic printing presses sets all active printing decks into impression and register in couple of minutes with almost zero ink and material waste.

The Cartridge system offers printers a means of reducing ink costs on printing jobs where expensive spot colours, special effect and metallic formulations are required. These high pigment inks are expensive consumables and reducing ink volumes and residual waste permits printers to maintain profit margins while meeting end user price demands.

#2 Print Features that Maximize Quality

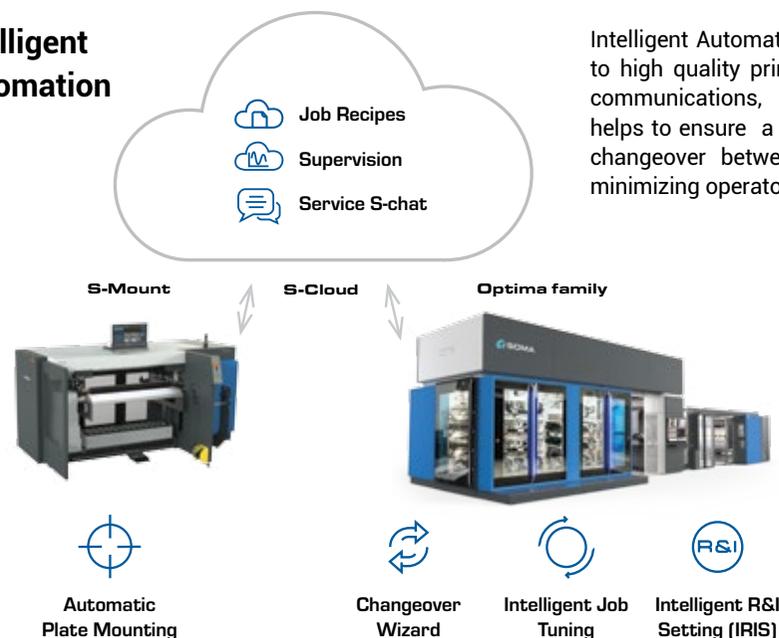
Our state-of-the-art in-built '**Advanced Bounce Control**' system represents cutting-edge technology that reduces 'bouncing' at high press speeds to optimise print quality when using HD plates.

Job Tuning - is the second-generation Advanced Bounce Control feature, contributing to exceptional print quality. It is a specially designed software algorithm, performed during job set up that minimizes the bouncing effect for each particular design via special drive tuning procedure.

#3 Reliable Cloud-based Service Support

S-Chat - a very convenient chat-type of communication, including files, pictures, and videos attached from any S-Cloud-connected device.

#4 Intelligent Automation



Intelligent Automation contributes to high quality printing, improved communications, and primarily helps to ensure a quick and easy changeover between jobs, while minimizing operator error.

Intelligent Recipe

There is only one recipe for each job available for all SOMA equipment located on the S-Cloud. Using one recipe for all equipment avoids human error and provides the foundation for the efficient job changeover on the S-Mount plate moulder as well as Optima flexo.

Changeover Wizard

The Intelligent Changeover feature guides the press operator during the changeover process. It will minimize the number of tasks to be taken and will automate as many steps as possible – therefore minimizing operator error. With the IRIS feature, registration and impression on the press will be set, completely automatically.



Intelligent Supervision

All key press parameters, measuring efficiency and energy consumption, are monitored on-line. Any Internet-connected device may review what is—or has been—happening with the press.



OPTIMA FAMILY

The Short Run Flexo

Dramatically enhances print quality, make-ready times, running costs, and reduces ecological impact.



Follow your ambition

	Optima 8C	Optima ² 8C	Optima ² 10C or 8CL extended repeat
Printing decks	8	8	10 (8)
Print width	650/880/1050 mm 25.6/34.6/41.3"	880/1050/1270/1450 mm 34.6/41.3/50/57.1"	1050/1270/1450 mm 41.3/50/57.1"
Speed	350 m/min 1148 fpm	400/500/600 m/min 1312/1640/1968 fpm	400/500/600 m/min 1312/1640/1968 fpm
Repeat length	240/260/330-650 mm 9.4/10.2/13.0-25.6"	260/300/330/360/400-850 (1100) mm 10.2/11.8/13.0/14.2/15.7-33.5 (43.3)"	330/360/400-800 (1200) mm 13.0/14.2/15.7-31.5 (47.2)"
Roll diameter	1000/1300/1500 mm 39.4/51.2/59.1"	1000/1300/1500 mm 39.4/51.2/59.1"	1000/1300/1500 mm 39.4/51.2/59.1"
Inks	Solvent/Water-based, UV/UV-LED cured	Solvent/Water-based, UV/UV-LED cured	Solvent/Water-based, UV/UV-LED cured

Print Materials: LD PE, HD PE/PP, CPP, BOPP, PET, OPA, paper, laminate