



INTELLIGENT PLATE MOUNTER

S-Mount



Increased Mounting Efficiency

Approx. 45 sec for plate mounting



Increased Press Efficiency

Less press downtime caused by improper mounting of the plate



Automatic Makeready on the Press

The IRIS intelligent register & impression setting system dramatically speeds up the press make ready

Technical parameters

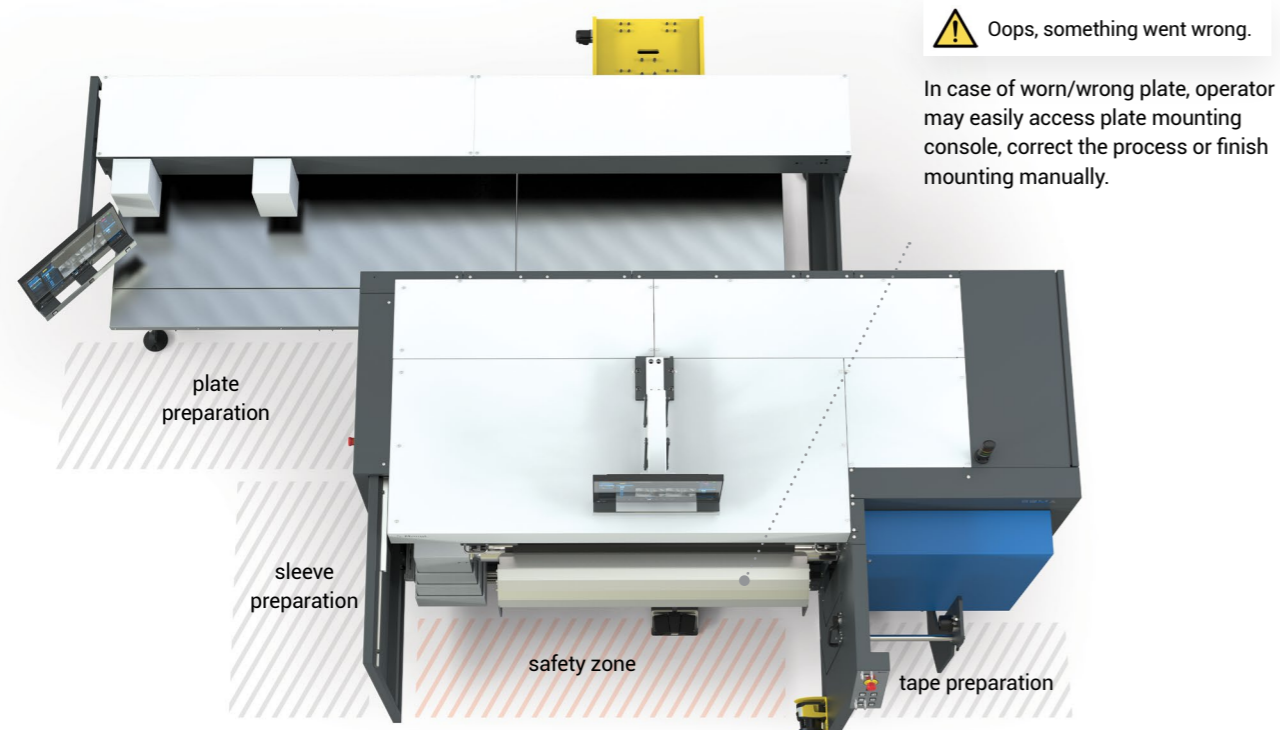
	S-Mount M	S-Mount A	S-Mount FA
Width	up to 1500 mm	up to 1500 mm	up to 1500 mm
Max. repeat	up to 1250 mm	up to 1250 mm	up to 1250 mm
Positioning accuracy	Manual	10 microns	10 microns
IRIS Intelligent R&I setting	✓	✓	✓
Automatic calibrations	✓	✓	✓
Flexo press set-up system compatibility (SOMA, ALLSTEIN, W&H, BOBST)	✓	✓	✓

6 steps to precisely mount the plates

- 1 S-Mount checks the TIR of the sleeve
- 2 Apply the tape (on S-Mount or stand-alone equipment)
- 3 Manually insert the plate by following the laser guide
- 4 S-Mount proceeds automatic plate mounting
- 5 S-Mount saves register & topography data in the RFID chip in the sleeve (IRIS)
- 6 S-Mount provides you with detailed report

Excellent ergonomics and access

During the automatic plate mounting process, operator may access other parts of the S-Mount and proceed with tape/plate/sleeve preparation for the next job.



Upgradable Modular Design

Motorized basic outfit: S-Mount M

Sleeve movement – vertical / horizontal / angular	INCLUDED
Touchscreen control panel – front	INCLUDED
Camera linear drives	INCLUDED
Automatic repeat check	INCLUDED
Automatic housing of mandrel	INCLUDED
Lay-on roller	INCLUDED



S-Mount M

Automatic Options: S-Mount A

Automatic plate mounting system	INCLUDED
Full HD Cameras	INCLUDED
Image Recognition System	INCLUDED
Laser Scanner / Safety	INCLUDED
Automatic calibrations	INCLUDED
Quality Report – TIR / mounting / IRIS	INCLUDED

INCREASED PRECISION & TIME EFFICIENCY



S-Mount A

Fully Automatic Options: S-Mount FA

Robotic manipulator	INCLUDED
2nd Touch Screen – sleeve side	INCLUDED
Automatic calibrations	INCLUDED

INCREASED TIME EFFICIENCY



S-Mount FA

Additional options

IRIS - register & topography measurement	OPTION
IRIS TIR quality check (report)	OPTION
Tape holder	OPTION
Cutting knife (tape/plates)	OPTION
Sleeve adapter air inlet from side	OPTION
Multiple press compatibility	TAILORED OPTION
Flexo presses set up system compatibility (SOMA, ALLSTEIN, W&H, BOBST)	TAILORED OPTION
Intelligent Recipe	OPTION
Intelligent Service	OPTION

7 Reasons Why S-Mount?

- #1 **Increased Mounting Capacity**
The automated process is more efficient than manual mounting.
- #2 **Higher Press Efficiency**
The automatic process is consistent in precision. Therefore, there is less press downtime caused by improper mounting of the printing plate.
- #3 **Automatic Makeready on the Press** - The IRIS intelligent register and impression setting system is offered as an option on all S-Mount levels, which later dramatically speeds up the makeready time on the press.
- #4 **Press Set-Up System Compatibility**
In case you do not have Optima printing press yet, we designed S-Mount to adapt to different print setting systems such as ARUN, GPS, Easy-Reg.
- #5 **Upgradable Modular Design**
You can invest in a plate mounter for manual plate mounting and, as your business grows, upgrade to full automation.
- #6 **Efficient & Versatile**
When mounting plates automatically, the operator can prepare additional plates, tape, sleeves or create a recipe of job specifications for a new job. The unique, manual mounting of tape is possible directly on the fully automatic plate mounter. S-Mount can also mount plates for machines with different core diameters and sleeve lengths.
- #7 **Intelligent Automation**
You should consider investing in Optima press and get all the benefits of Intelligent Automation. The S-Mount connection to the Optima press ensures the easy transfer of job recipe data, offering other Intelligent Functions unique in the market.

Intelligent Automation

