

VSOP Web Offset Press

The VSOP (Variable Sleeve Offset Printing) web offset press offers a simple and fast format change for the offset printing process. Using its patented sleeve technology, it's very easy to change the printing length without changing the complete offset insert. The biggest advantage of this fast and uncomplicated changeover is that it is very cost effective, especially when many different printing repeat lengths are required.



Infinite size variability

The VSOP printing unit has plate and rubber blanket cylinders, which act as handy sleeves. The sleeves can be replaced manually in no time at all. Each sleeve axis has its own servo drive, which is why none of the gears need to be changed.

VSOP is a total solution for a whole range of applications and is used in the following markets:

- **Label printing:** wrap-around labels made of paper or film, shrink sleeves, wet-glue labels, self-adhesive labels, in-mould labels
- **Flexible package printing:** films, laminates, food packaging
- **Cardboard box printing:** folding boxes, liquid packaging, liner for corrugated board

Broad range of applications

Thanks to individual drives, the printing length can be changed within a defined range without affecting the printing quality. The speed of the impression cylinder can be adjusted for each of the printing units, ensuring that complex materials such as aluminum, thin foils or very thick substrates can be printed on with register accuracy.

Job change

Maximum press efficiency can be reached by preparing each print job off-press while the press is running. The quick changeover procedure and automatic presetting do the rest.

Specifications	VSOP 520	VSOP 850
Max. print speed	365 m/min (1200 ft/min)	365 m/min (1200 ft/min)
Web width	200 - 520 mm (8 -20.5")	425 - 850 mm (17-33.5")
Max. print width	510 mm (20")	840 mm (33")
Range repeat length	381 - 762 mm (15-30")	381 - 762 mm (15 -30")
Repeat steps	stepless	stepless
Repeat change (per printing tower)	2 min	2 min
Material range standard	12 - 300 µm	12 - 300 µm
Material range optional	200 - 700 µm	200 - 700 µm