



SUNDAY VPAK

VARIABLE-SLEEVE WEB OFFSET PRESSES
FOR FLEXIBLE PACKAGING, CARTON,
PRE-PRINT AND LABEL APPLICATIONS



GOSS | INTERNATIONAL



Sunday Vpak

A VARIABLE-SLEEVE WEB OFFSET PLATFORM DELIVERING PRODUCTIVITY, PRINT QUALITY AND EFFICIENCY ADVANTAGES



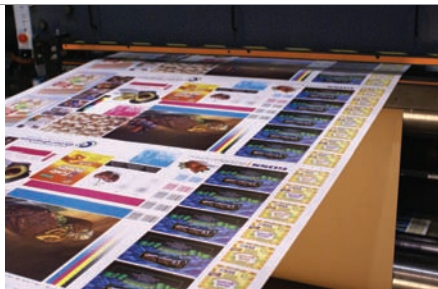
Specialized Goss® Sunday® Vpak™ presses were designed from the ground up to allow flexible packaging, folding carton, pre-print and label producers to fully exploit the productivity, print quality, process automation and short-run agility advantages unleashed by the latest advances in web offset technology.

Quick-change sleeve adapter technology allows infinitely variable repeat settings within the design range of each press model, making it fast and simple to match the cylinder circumference to the repeat length for each specific job. Force loaded cylinders extend the versatility, accommodating a wide range of substrates and calipers.

Sunday Vpak presses incorporate proven presetting, inking, dampening and control systems from the most innovative web offset presses in the world. These technologies make it easier and more cost effective to excel in short-run applications and to exceed the increasingly high quality demands of the packaging sector.

Sunday Vpak presses

- Quick-change cylinder sleeve adapters for variable repeat
- Top-side printing (back side available)
- Gapless Sunday press blankets
- Bearerless force loaded cylinders
- High-quality extended ink and dampening train with four form rolls
 - Three ink form rolls
 - One independent dampener roll
- Independent servo drives
- Duotrol™ continuous film dampening
- Automated Goss Omnicon controls
- Nested plate option to optimize substrate use
- “White Light” sleeve layer to reduce size-change cost



The case for web offset

With packaging producers under intensifying pressure to cut costs, reduce turn-around times and achieve higher print quality, web offset is gaining momentum as a better alternative than flexo, gravure or sheetfed offset. In many applications, web offset can do it faster, easier and at lower costs.

Web offset lithography is an inherently stable process ideally suited for the challenges of high-quality packaging applications, including precise color tones, intricate reverses screens in excess of 200 lines per inch and stochastic printing. Web presses also run fast and deliver that quality consistently - across the web, throughout the run and from job to job.

Advances in automated presetting, process integration and closed-loop control have given web offset competitive advantages at a full range of run lengths, including short runs once considered to be in the exclusive domain of the sheetfed process.

Advantages of Variable Sleeve Web Offset

Web Offset vs. Flexo

- Faster plate making
- Significantly lower plate costs
- No anilox rolls required
- Solids and screens with same print unit
- Higher print quality capability

Web Offset vs. Sheetfed offset

- Higher productivity
- Reduced substrate costs
- In-line converting
- No wait for drying
- Substrate savings with smaller non-print gap
- Substrates not conducive for sheetfed operation

Web Offset vs. Gravure

- Far less expensive plates vs. cylinders
- Faster, lower-cost makereadies
- No complex cylinder imaging and handling
- Simpler Prepress





THE WORLD'S MOST ADVANCED WEB OFFSET PRESS PLATFORM – SUPPORTED BY A STRONG, GLOBAL INDUSTRY LEADER



Sunday technology: The high-quality, wide-web standard

The Sunday press revolutionized high-quality web offset printing when it was introduced in 1993.

Gapless blankets, the signature Sunday breakthrough, eliminated gap-related vibrations, and relentless innovation to support this fundamental advantage has continued. Web widths have been extended to 112 inches (2485 mm), speeds have been accelerated to 3,000 feet per minute (914 mpm), and subsystems and auxiliaries have been optimized. Today, Goss Sunday presses remain the world standard for high-performance, around-the-clock web offset productivity and reliability, and specific models have been developed for an expanding range of applications, including flexible packaging, folding cartons, pre-print and labels.

Goss International support

Goss International has earned its leadership position through innovation, intensive collaboration with customers and a proven ability to execute projects ranging to the largest and most advanced web offset

press systems in the world. Backed by a strong, industrial owner with a long-term commitment to the print sector, the company maintains world-class production facilities throughout America, Europe, Asia and a worldwide product support network. Integrating all the components of large, customized web offset production systems is a specialty, and each project is supported by a unique combination of substantial resources, international perspective and local responsiveness.





specifications

	Sunday Vpak 3000	Sunday Vpak 500
Standard widths available	75 inches (1905mm)* 64 inches (1625mm) 55 inches (1400mm) 44 inches (1120mm)	41.4 inches (1051mm)* 33.5 inches (850mm) 20.5 inches (520mm)
Maximum print speed	1,500 fpm 457 mpm	1,200 fpm 365 mpm
Repeat range	27.6-55.1 in. 700-1400 mm	16-32 in. 406-812 mm

*33.5-55.1" (850-1400mm)

*20-32" (508-812mm)

Integrated equipment options

Coaters

Gravure units

Lap and Butt Splicers

Rewinders

Hot-air dryers

UV curing

EB curing

Slitters

Die cutters

Closed-loop controls

Web cleaning

Web treaters

Video inspection

Ink jet printing

Other Goss components

Vertical or horizontal web
flexo printing and coating
units

Infeed and outfeed

Full size chill roll

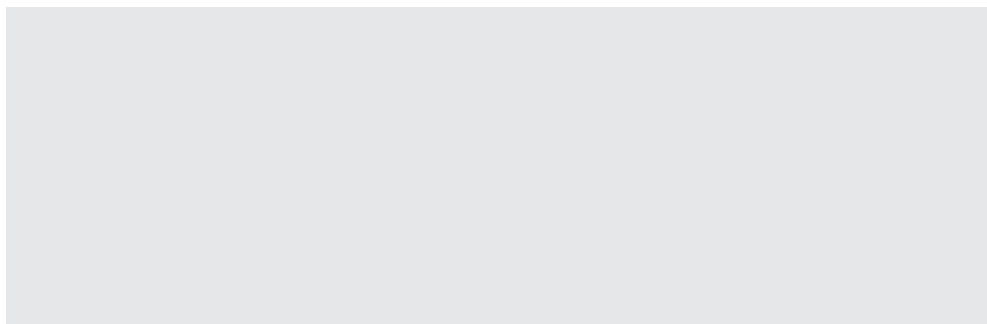
Interstation chill roll

Goss Quality Control System





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Operating speeds for optimum production will vary with paper quality, size of product, number of webs and operator skill.
To display product features, some safety devices may be omitted or shown out of position in photographs or illustrations.
Specifications and dimensions are subject to change without prior notice.
Photos of product packaging depicted in this brochure were not printed on Goss press equipment and are for illustration purposes only.

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