

COMCO PROGLIDE MSP

Multi-Substrate

Single Pass Printing

Shuttle Deck Print Stations



PROGLIDE MSP

*CHANGING
THE WAY THE
WORLD GOES
TO PRESS*

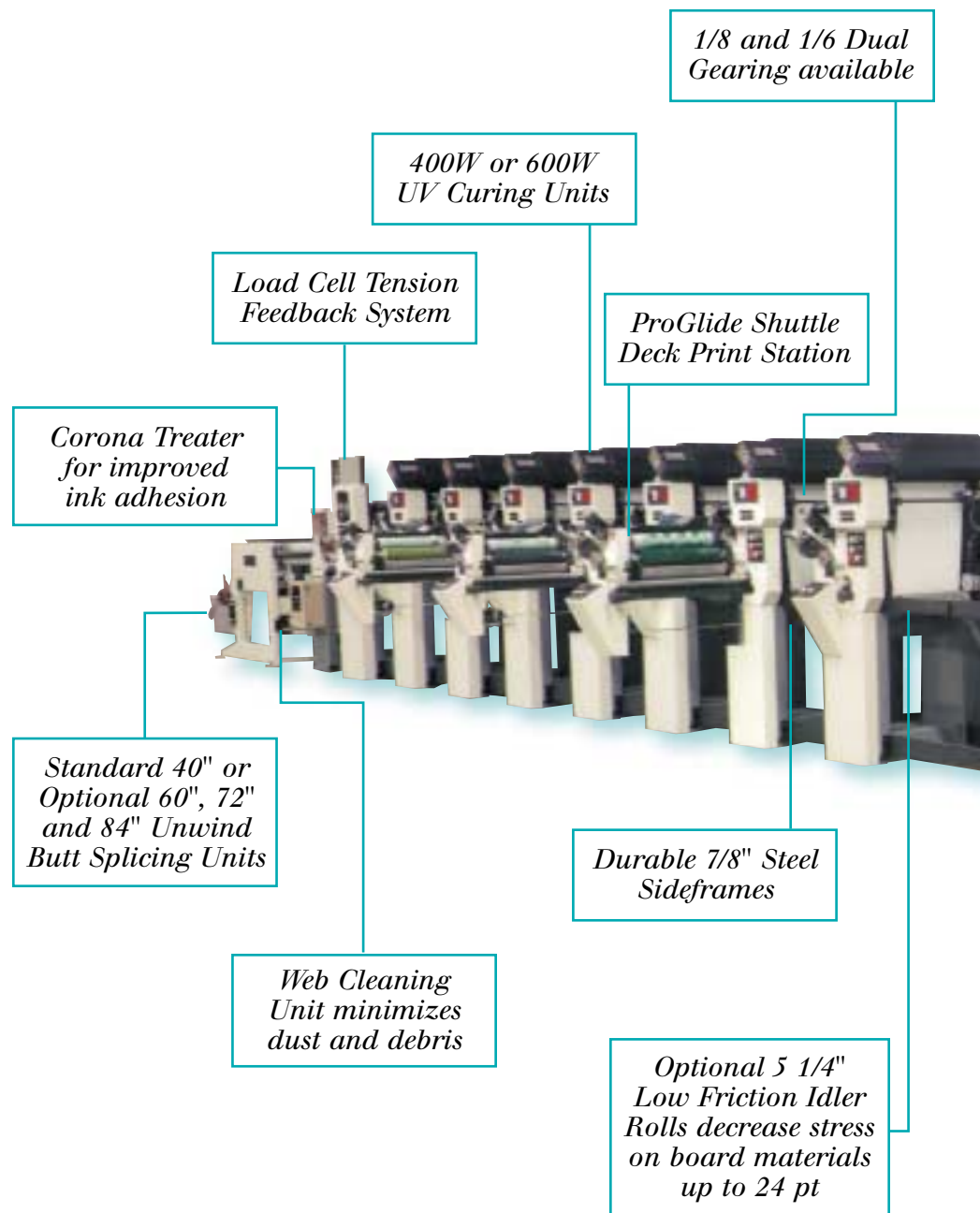


SINGLE PASS PRINTING AND CONVERTING

- Flexible packaging-film, paper, foil
- Folding cartons
- Pouches
- Beverage label wraps
- Aerosol can wraps
- Shrink sleeves
- In-mold labels
- Health care products
- Cosmetics
- Medical test devices
- Electrical printed circuits
- Membrane switches
- Multi-layer products

You don't have to change presses to change packaging

You're a part of an industry in transition. And you've been challenged to make it all happen — new substrates, complex processes, shorter runs, and faster turnarounds. Now, more than ever before, when you buy a new press, you're not just buying another machine. You're making an investment in technology that can help you meet the challenge. Technology that can grow and change with your business.

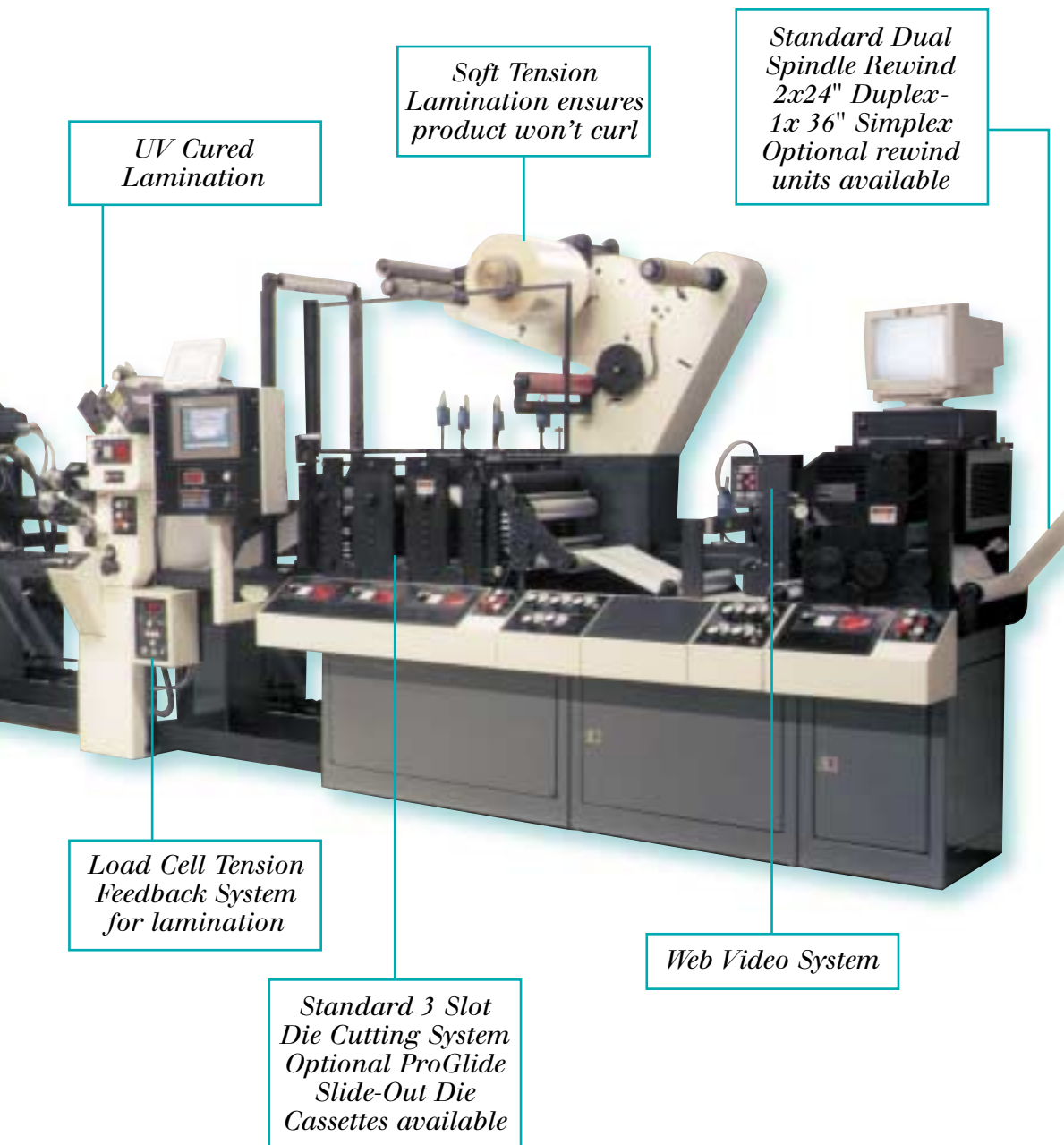


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ProGlide MSP, the revolutionary narrow-web system from COMCO, was designed to meet your single-most important requirement: flexibility. It defines combination printing technology with a modular design that supports totally interchangeable UV flexo, water-based flexo, rotary screen, and hot foil stamping processes. It lets you print on the widest range of packaging and label substrates—from 1-mil unsupported film to 24-pt board stock—without ever changing hardware. And its reinsertion capability allows you to process preprinted webs, or make multiple passes of the same web.

Best of all, ProGlide MSP's modular design enables us to custom configure every press we make. So you ultimately decide which features are most important for your business—today and tomorrow.



*UV Cured
Lamination*

*Soft Tension
Lamination ensures
product won't curl*

*Standard Dual
Spindle Rewind
2x24" Duplex-
1x 36" Simplex
Optional rewind
units available*

*Load Cell Tension
Feedback System
for lamination*

*Standard 3 Slot
Die Cutting System
Optional ProGlide
Slide-Out Die
Cassettes available*

Web Video System

SPEND LESS TIME GETTING READY TO PRINT AND MORE TIME PRINTING

1

Shuttle deck printing stations – with COMCO's unique printing station design, critical press settings are maintained when components are exchanged, so you won't spend unnecessary time or materials on makeready. The ink pan, meter roll, anilox roll, and print cylinder are all housed on slide-out linear bearings. Each printing component can be replaced exclusive of the others for minimizing time spent on partial and complete changeovers.



*Finally!
The features you need to save time on set-up and makeready – without compromising quality.*

2

Slide out die cassettes – COMCO's portable die cassette system is designed to further reduce waste and maximize your press running time. Tooling and makeready for the next job are prepared off-line on an auxiliary cassette. When changing jobs, a mobile cart engages into the side of the press to receive the in-line cassette. The old cassette is removed, and the new cassette installed in less than 5 minutes.



COMCO's superior ProGlide technology offers unsurpassed flexibility for fast job changeovers, with more printing components that can be changed independently. ProGlide technology minimizes waste, because other critical press operating conditions aren't affected when individual components are changed.

3

Stork® ProGlide screen units – COMCO's UV rotary screen units move easily between printing stations on a mobile cart. The system gives you the flexibility to place the unit wherever screen printing is required.



4

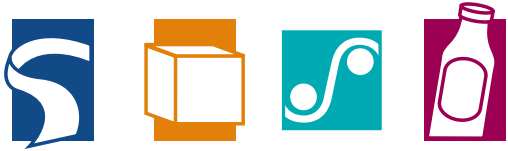
Hot foil stamping – movable metalizing units slide into any print station. This approach to value-added finishing allows you to print graphics on top of hot foil stamping with eye-catching results. Oil-heated mandrels provide the most consistent foil-to-substrate transfer, and in-line flexibility reduces production costs.



5

Automatic register control – unparalleled accuracy with two sensors in each print station for up-to-the-second feedback on critical operating conditions. Wide-angle displays for walk-by monitoring and visual operator warnings when tolerances are exceeded. Friendly, touch-control interface with online help. Adjustments are made without rotating the impression cylinder and web tension remains constant during register correction.





PROGLIDE MSP

MULTI SUBSTRATE PRESS

Chill drum temperature control

Most effective heat management system for maintaining web temperature stability. Allows for higher concentration of heat or UV curing power without causing temperature-related substrate distortion and web transportation problems. Especially critical for extensible, unsupported films and other heat sensitive substrates.

Upward web path

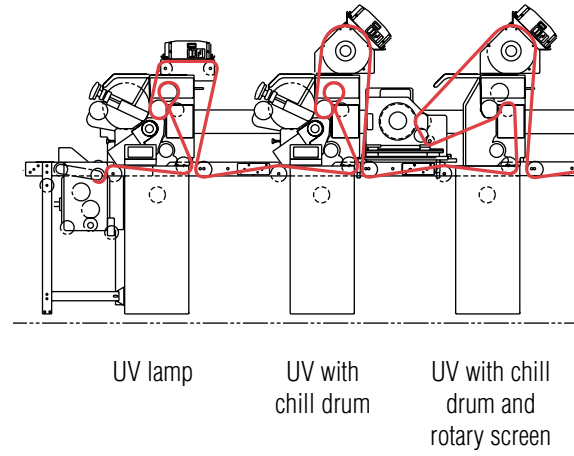
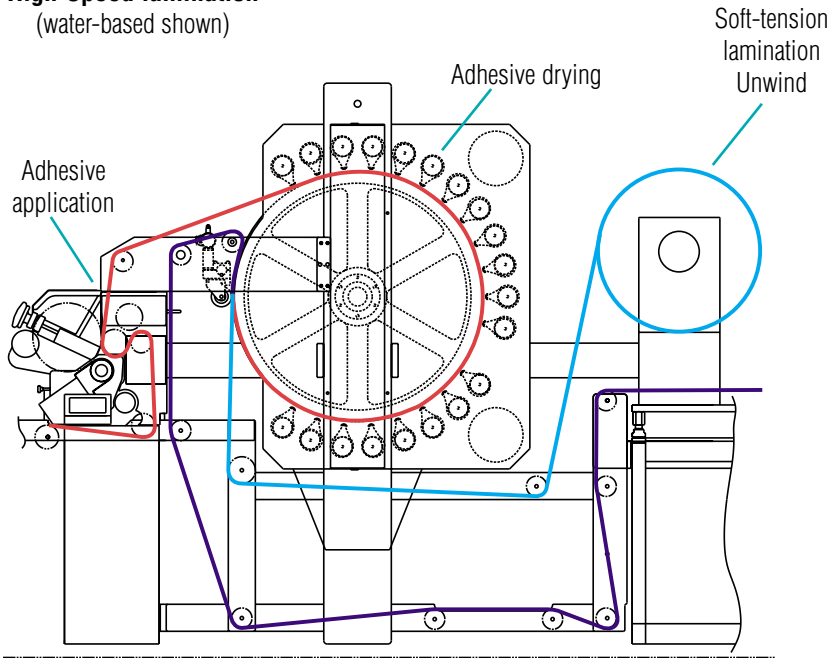
Offers increased viewing area and virtually unlimited drying capability. Allows for combination hot air drying and UV curing without increasing space between decks. Heat from dryer is located above the print unit to minimize heat build-up in the print unit. UV inks cure faster, minimizing dot gain.



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High-Speed lamination
(water-based shown)



FAST

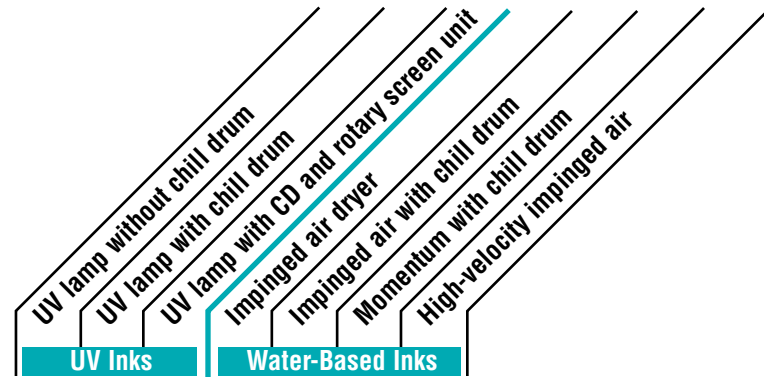
- 10 sec.-plate cylinder change
- 12 sec.-anilox roll change
- 90 sec.- complete component change
(plate cylinder, anilox roll, metering roll and ink pan)



Make-ready idle stations while the press is running.



Moveable, slide-out die cassettes increase productivity for folding cartons.



Flexible packaging

Unsupported film from 0.001 in.*

Beverage labels (BOPP)		●		●	●	●	●
Shrink labels (OPP)		●		●	●	●	●
Shrink sleeves (PVC)		●		●	●	●	●
Shrink sleeves (PETG)		●		●	●	●	●
Stretch sleeves (PE)		●		●	●		

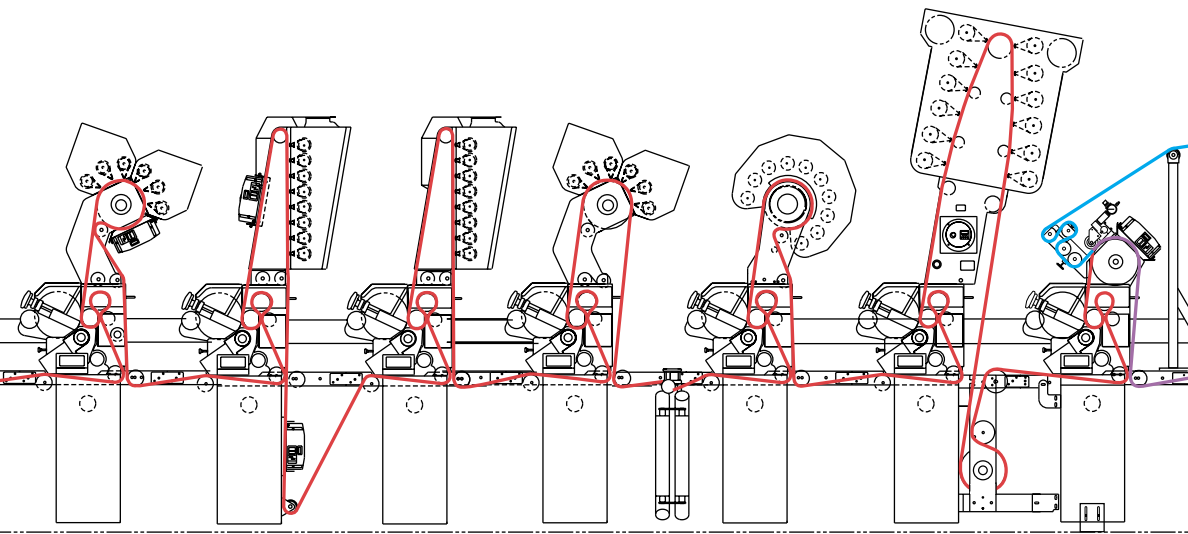
Labels

Prime labels (PS paper)	●	●	●	●	●	●	●
Prime labels (PS film)	●	●	●	●	●	●	●
Wet Glue (40-60 lb. Paper)	●	●		●	●	●	●

Cartons Above 12 pt. stock

Folding cartons (up to 24 pt.)	●	●		●	●	●	●
Liquid containers (PE coated)		●		●	●	●	●
Lottery (Special coatings)				●	●	●	●

* Will qualify materials under 0.001 in. ● Acceptable ● Recommended ● High Definition Flexo Preferred



UV and
impinged air
with chill drum

UV and
impinged air

Impinged air

Impinged air
with chill drum

Momentum
Dryer with
chill drum
(750 feet/min.)

High velocity
extended dryer
(750 feet/min.
paper/board)

UV lamination

PROGLIDE MSP SPECIFICATIONS

	English Standard				Metric			
Web/print width	16"	18"	22"	26"	406mm	457mm	559mm	660mm
Substrate thickness	From .001 in. unsupported films to .024 in. board materials							
Print repeat range	up to 32 in.				up to 812.8mm			
Press speed	500 feet/min.				150 m/min.			
	750 feet/min. option				225 m/min. option			
Register adjustment	360 degree infinite							
Main drive								
1-9 print stations	25 HP				18.6 kW			
10-12 print stations	30 HP				22.4 kW			
Unwind diameter	40 in. standard, 60 in., 72 in., 84 in. available							
Rewind diameter	36 in. Simplex or 24 in. Duplex standard Options Available							
Die Cutting	Flat bed or rotary die cutting							

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Innovation

Engineering

Solutions

MOVING THE MARK WITH COMCO

The COMCO engineering team is dedicated to innovation and design ingenuity. Through solid partnerships, COMCO and Mark Andy are able to be a viable resource in supporting our customers to become more productive and profitable.

The groundwork at COMCO begins with our experienced designers and engineers who have the capability and vision of creating future technological advancements and solutions. By establishing strategic relationships, we are able to leverage the COMCO entrepreneurial spirit with Mark Andy's global sales and support services. The result is trend setting innovation that takes flexographic printing to the next level and beyond.

With the customer as our focus and innovation as our guide, our talented engineering department is equipped to deliver unique and superior products to the packaging industry.

MARKANDY

A  COMPANY

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