



EN

# *Multitec*

Design • Engineer • Manufacture • Exceptional Quality

[www.multitec.in](http://www.multitec.in)



## Manufacturing

Multitec's 30,000 sqm modern manufacturing facility in India is a symbol of a commitment to our customers. A commitment to – **Design, Engineer and Manufacture Exceptional Quality** products. Within our comprehensive 20,000 square meter production line, we have integrated a wide range of advanced, automated, and precise manufacturing systems that allow us to oversee the entire process from basic raw material to the final press, all under one roof. This self-reliant production line empowers us to deliver innovative, quality-assured, and cost-effective equipment to our valued customers without relying on external factors.

## Service

A robust stock inventory enables us to provide ready spare parts and additional tooling with zero down time. Multitec's Remote Care helps you maximize the uptime and performance of your equipment. Our technical specialists are available 24 × 7 and possess the expertise to swiftly identify and, in many instances, resolve issues remotely - significantly limiting the need for traditional callouts. A secure direct remote access to the press enables precise diagnosis and quick resolution of most problems in under two hours.

## Sustainability

Sustainability and going green is at the core of our corporate vision. Our manufacturing unit is backed up by a 100% solar power generating system. Multitec presses are designed to reduce wasted substrate, power consumption, and thus CO emissions. They use less setup material, consume less power, and are prepared to print on very thin substrates. The presses are LED ready and incorporate innovative features such as foilsavers to reduce material and energy consumption.

# At a glance

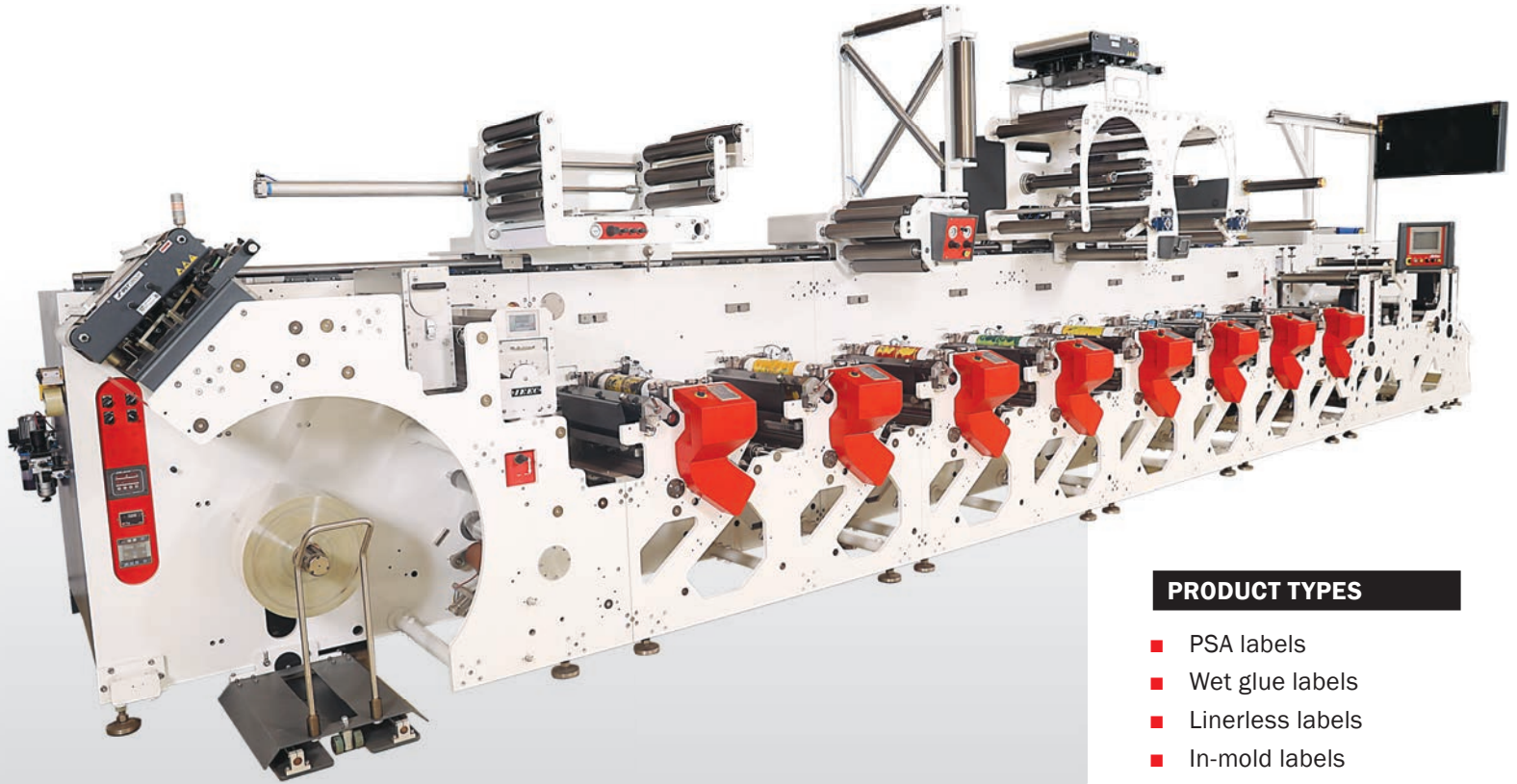
Multitec is a world-leading manufacturer of printing solutions for narrow and mid web labels as well as flexible packaging. Our 40+ years of engineering expertise and global industry knowledge enables us to deliver outstanding flexibility, quality, and cost effectiveness across all printing processes, widths, substrates, and markets. We have a presence in 40 countries with sales agents in 15 key markets and over 150 employees worldwide.



# Complete flexibility

Built on a strong foundation, the S2 is the ultimate press for converters. With dual servo technology, short web path, chilled impression drums and multiple online embellishment units – this press is a true workhorse that can deliver the highest quality labels and packaging with the minimum wastage and downtime.

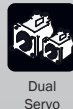
# S2



Ultimate  
Precision

Outstanding solution for  
flexible packaging

All run lengths, all  
applications, all industries



## MAIN FEATURES

- Dual servo on every print unit
- Chilled impression drum for short path
- Electronic pre register and auto register
- Unlimited substrates

## PRODUCT TYPES

- PSA labels
- Wet glue labels
- Linerless labels
- In-mold labels
- Wrap around labels
- Shrink sleeves
- Multi-layer peel and reseal coupon labels
- Labels combining all methods
- Flexible packaging
- Lamitubes
- Aluminum foil packaging
- Cartons

## Materials Handled

### Substrates

Self-adhesive stock (paper, PET, BOPP, PVC), paper from 30 to 200 gsm, unsupported film from 12 $\mu$  PET, 20 $\mu$  BOPP, 35 $\mu$  PVC/PET shrink, 20 $\mu$  aluminum foil, lamitubes, light carton board upto 400 gsm.

## Capability

Drive		Dual Servo
Gear pitch	3.175 mm	1/8 in
Web width*	370 mm	14.5 in
	450 mm	17.5 in
	530 mm	21 in
	610 mm	24 in
Print repeat, min-max (370 mm – 14.5 in)	279.5 – 609.5 mm	11 – 24 in
Print repeat, min-max (450 mm – 17.5 in)	305 – 609.5 mm	9 – 24 in
Print repeat, min-max (530 mm – 21 in)	355.5 – 609.5 mm	12 – 24 in
Print repeat, min-max (610 mm – 24 in)	355.5 – 609.5 mm	12 – 24 in
Vario-print	(Allows print length to change by upto $\pm$ 4 mm with same print cylinder)	
Speed, max	150 m/min	500 ft/min
Unwinding diameter,	max 1000 mm	40 in
Rewinding diameter,	max 1000 mm	40 in

\*Print width: less 10 mm

## Die-cutting

Repeat, min-max (370 mm – 14.5 in)	279.5 – 609.5 mm	11 – 24 in
Repeat, min-max (450 mm – 17.5 in) (530 mm – 21 in)	305 – 609.5 mm	12 – 24 in
Matrix roll diameter	700 mm	27.5 in
Zero break		Standard

## Automation

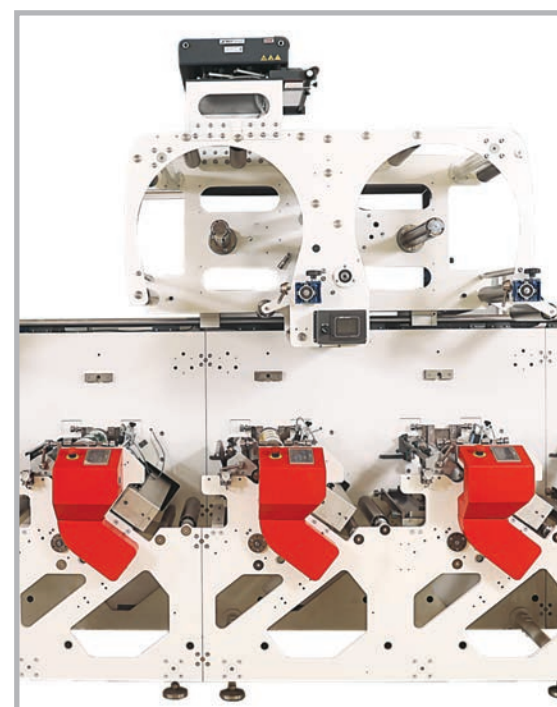
Automatic pre-register	Standard
Automatic register	Standard

## Dryers

UV on 24 in chilled drum	Standard
UV LED	Available
Hot air dryers	Available
Multiple drying options for UV, water – based and solvent based inks	Available

## Accessories

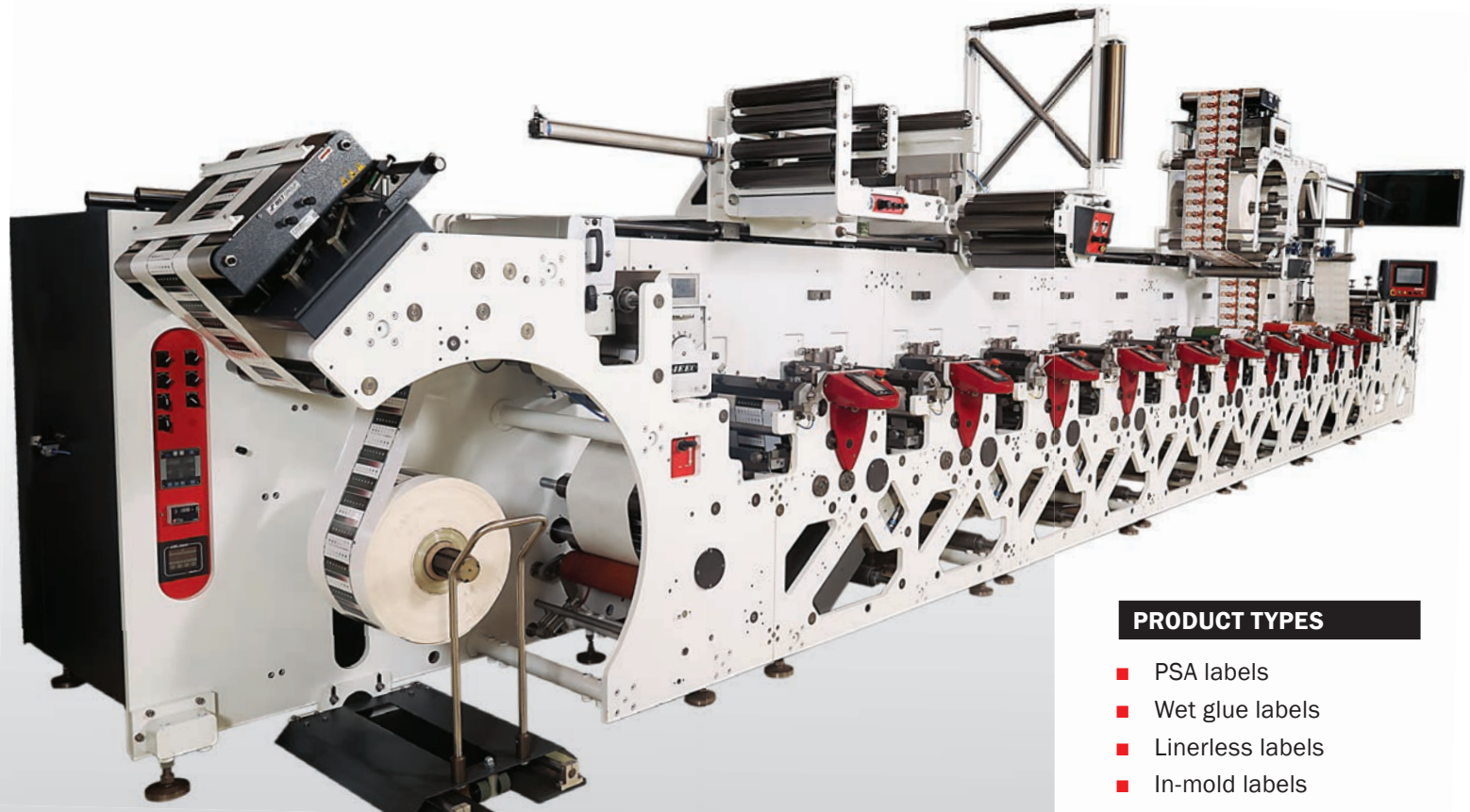
Web turn bar
Delam Relam
Combo laminator and cold foil
Foil saver
Cast n cure
Lamination
Coupon : Combo 2 layers
Crossover units for 2/3/4 layers
Corona Treater, Web Cleaner
LED UV
Long path
Variable Data Printing
Rotary/Flat Screen



# Advancing flexibility

A true workhorse of a press, the S1 is built for delivering excellent quality day in and day out – for the most complex of jobs. Incorporating advanced servo technology, short web path, chilled impression drums and multiple online embellishment units – this press will deliver the highest quality labels and packaging with the minimum wastage and downtime.

# S1



Precision & **consistency**

Advanced **versatility**

Unparalleled **efficiency**



Electronic  
Line Shaft



Chill  
Roller



Servo

## MAIN FEATURES

- Servo on every print unit
- Chilled impression drum for short path
- Electronic pre register and auto register
- Wide range of substrates

## PRODUCT TYPES

- PSA labels
- Wet glue labels
- Linerless labels
- In-mold labels
- Wrap around labels
- Shrink sleeves
- Multi-layer peel and reseal coupon labels
- Labels combining all methods
- Flexible packaging
- Aluminum foil packaging
- Cartons

## Materials Handled

### Substrates

Self-adhesive stock (paper, PET, BOPP, PVC), paper from 30 to 200 gsm, unsupported film from 12µ PET, 20µ BOPP, 35µ PVC/PET shrink, 20µ aluminum foil, light carton board upto 400 gsm.

## Capability

Drive		Dual Servo
Gear pitch	3.175 mm	1/8 in
Web width*	370 mm	14.5 in
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Print repeat, min-max (530 mm – 21 in)	355.5 – 609.5 mm	12 – 24 in
Print repeat, min-max (610 mm – 24 in)	355.5 – 609.5 mm	12 – 24 in
Speed, max	150 m/min	500 ft/min
Unwinding diameter,	max 1000 mm	40 in
Rewinding diameter,	max 1000 mm	40 in

\*Print width: less 10 mm

## Die-cutting

Repeat, min-max (370 mm – 14.5 in)	279.5 – 609.5 mm	11 – 24 in
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Matrix roll diameter	700 mm	27.5 in
Zero break		Standard

## Automation

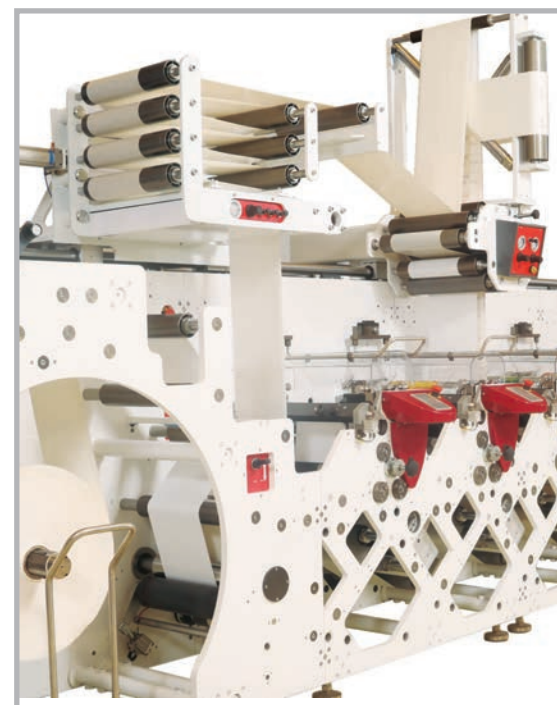
Automatic pre-register	Standard
Automatic register	Available

## Dryers

UV on 24 in chilled drum	Standard
UV LED	Available
Hot air dryers	Available
Multiple drying options for UV, water – based and solvent based inks	Available

## Accessories

Web turn bar
Delam Relam
Combo laminator and cold foil
Foil saver
Cast n cure
Lamination
Coupon : Combo 2 layers
Crossover units for 2/3/4 layers
Corona Treater, Web Cleaner
LED UV
Long path
Variable Data Printing
Rotary/Flat Screen



# Advanced - versatility

E2 is an infeed & outfeed servo driven narrow web flexo press with chill rolls. The opportunity for label convertersto diversify into new growth markets such as sleeves, wrap around labels, pouches and sachets can be addressed by the E2's ability to print using chill rolls. E2's technology can improve productivity, reduce waste and increase print quality whilst making your company less dependent on highly skilled operators.



Exceptional **productivity**

Versatile **workhorse**

Unbeatable **performance**



Mechanical  
Line Shaft



Chill  
Roller



Semi  
Servo

## MAIN FEATURES

- Infeed & Outfeed servo
- Separate chilled drum
- Laser pre register
- HMI at every station

## PRODUCT TYPES

- PSA labels
- Wet glue labels
- Linerless labels
- Wrap around labels
- Shrink sleeves
- Multi-layer peel and reseal coupon labels
- Labels combining all methods
- Flexible packaging
- Aluminum foil packaging

## Materials Handled

### Substrates

Self-adhesive stock (paper, PET, BOPP, PVC), paper from 30 to 300 gsm, unsupported film from 12µ PET, 30µ BOPP, 35µ PVC/PET shrink, 20µ aluminum foil.

## Capability

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Web width*	370 mm	14.5 in
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## Die-cutting

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Matrix roll diameter	700 mm	27.5 in
Zero break		Standard

## Automation

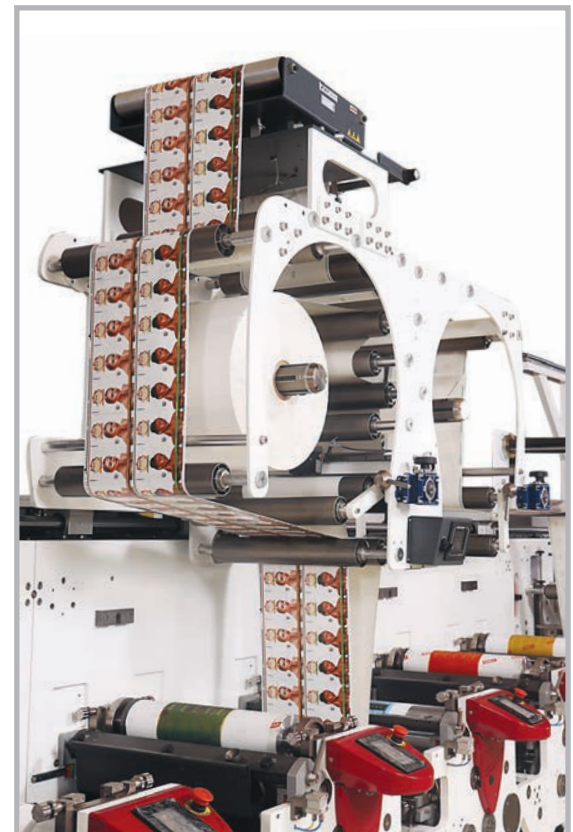
Laser pre-register	Standard
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## Dryers

UV on 24 in chilled drum	Standard
UV LED	Available
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## Accessories

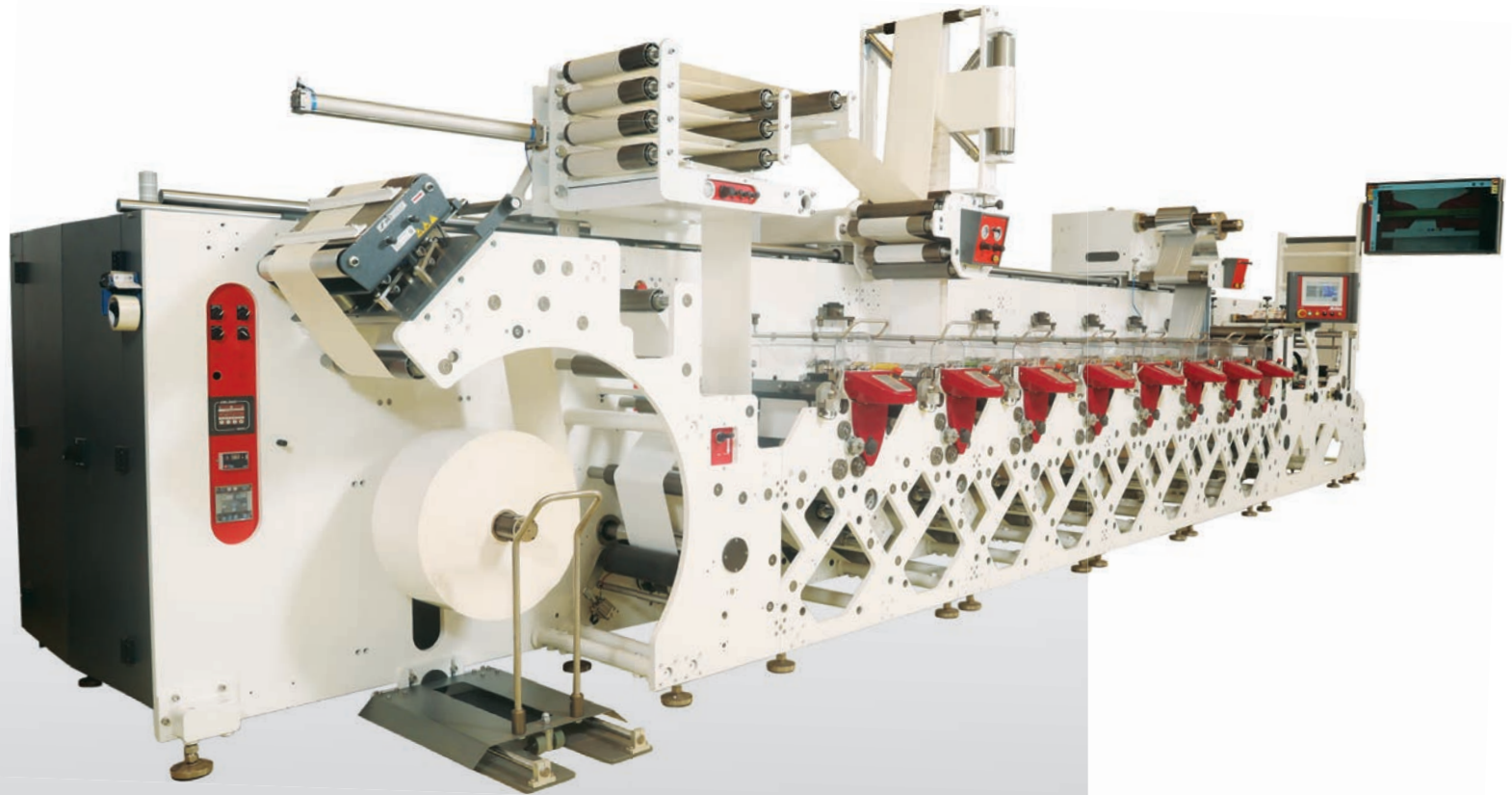
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Coupon : Combo 2 layers
Crossover units for 2/3/4 layers
Corona Treater, Web Cleaner
LED UV



# Enhanced productivity

E1 is a compact narrow web flexo press for printing self-adhesive labels. With servo infeed, open access, quick-change print cylinders and short web path UV configuration, you are assured of the best print quality with the least wastage.

# E1



Minimum **waste**

Advanced **versatility**

Reliable **performance**



## MAIN FEATURES

- Infeed & Outfeed servo
- Laser pre register
- HMI at every station

## PRODUCT TYPES

- PSA labels
- Wet glue labels
- Linerless labels
- Multi-layer peel and reseal coupon labels
- Labels combining all methods
- Aluminum foil packaging

## SPECIFICATIONS – TECHNICAL INFORMATION

**Multitec**

### Materials Handled

Substrates

Self-adhesive stock (paper, PET, BOPP, PVC), paper from 30 to 300 gsm, unsupported film from 12 $\mu$  PET, 30 $\mu$  BOPP, 35 $\mu$  PVC/PET shrink, 20 $\mu$  aluminum foil.

### Capability

Drive		Infeed & Outfeed Servo
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### Die-cutting

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### Automation

Laser pre-register Standard

### Dryers

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### Accessories

Web turn bar

Delam Relam

Combo laminator and cold foil

Foil saver

Cast n cure

Lamination

Coupon : Combo 2 layers

Crossover units for 2/3/4 layers

Corona Treater, Web Cleaner

LED UV





Turnbar Unit

Turnbar unit on rails allows for flipping the web and allows for printing on the reverse side of the web.

- Air assistance to reduce friction
- Adjustment to position the web in the perfect place before and after
- Works for sensitive films to allow for special surface coatings



Delam - Relam Unit

Delam - Relam unit on rails separates the liner from the self-adhesive material to allow printing on the adhesive. The adhesive printed section is dried before being re-laminated.

- Special low friction rollers are provided in the web path allowing anti-stick properties
- Precise tension control of liner throughout the run to avoid slacks and wrinkles
- Allows for high speed printing of delam - relam jobs



Cold Foil Unit

Cold foil stamping on rails allows stamping of glossy metallic effects with lower plate costs and higher speeds, using a flexo station.

- Highly accurate control of foil tension on unwind and rewind shaft
- High precision adjustment of laminating pressure
- Multiple foils on the same shafts
- Movable on each print unit.
- Also available with foil saver option to re-use foil in the length direction



Multiple Web - handling

Multiple web - handling

- Expertise in multiple web handling allows for a wide range of possible multi-layer label configurations.
- Combo on rail: 2-layer coupon labels
- Also used for re-registration of cold foil (foil saver)

# Slitter Rewinder

The QSR is a High-Speed servo driven Slitter Rewinder with a Turret Rewind. With speeds of 300m/min and automatic turret indexing and job sequence control, it is a perfect companion to your printing press. Inkjet heads can also be mounted with integrated UV dryers for serial numbering or personalization. Optionally, the QSR can be integrated with 100% inspection cameras of reputed Brands such as AVT, BST or E+L.

# QSR



## CAPABILITY

Web width	450mm (17.5 in)
Rewind tension control	Servo motor based
Maximum Speed	300 m/min (1000 ft/min)
Turret at rewind	Standard
Additional rewind for alternate winding	Standard
Label Counting and job sequencing	Standard
Stroboscope	Standard
Splice Table for defect replacement	Standard

## SLITTING OPTIONS

- Shear
- Razor blade
- Circular blades

## MAIN FEATURES

- Automatic Tension
- Integrated Splice Table
- Edge or Line Sensing Web Guide
- Automatic label counter
- Ready for 100% defect detection
- Buffer for accelerated speeds
- Space to mount inkjet heads

# Showcase New Ideas

The Innovation Centre serves as Multitec's commitment to excellence, as well as a platform to showcase new ideas and custom printing solutions. The spacious showroom is meticulously designed to provide an immersive experience of an end - user environment. Here the visitors can observe, comprehend, and evaluate the various printing and converting solutions offered by Multitec.

Equipped with a spacious Demo zone for operating presses, a customer lounge and a training zone – the Innovation Centre encompasses over 450 square meters of sophisticated facilities.



450 sqm sophisticated  
facilities

Immersive **experience**

Specialized **sessions**

## Demo Zone

The Demo zone of the Innovation Centre is fully equipped to print any custom job requested by customers and partners ranging from premium liquor labels to shrink sleeves, flexible packaging and tube laminates. The visitor can engage in experimentation and exploration of new ideas without disrupting their own production process.

## Training Zone

In the Training zone, Multitec's skilled printers hold specialized sessions to achieve Versatile, Economical and Productive solutions that help you win.

## Customer Lounge

The luxurious customer lounge surrounded by these zones offers a fully immersive experience into the World of Multitec. Come visit us!

Multitec Main Dealer Europe:



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