

THERE'S NO END  
TO OUR FINISHING  
SOLUTIONS



**PRATI**   
THE FINISHING COMPANY

## OUR INSPIRATION

"I began developing our technology by observing the physical forces that govern movement.

Since then, balance and perfection have been at the centre of our production. Our know-how orbits around this nucleus, just like a planetary system.

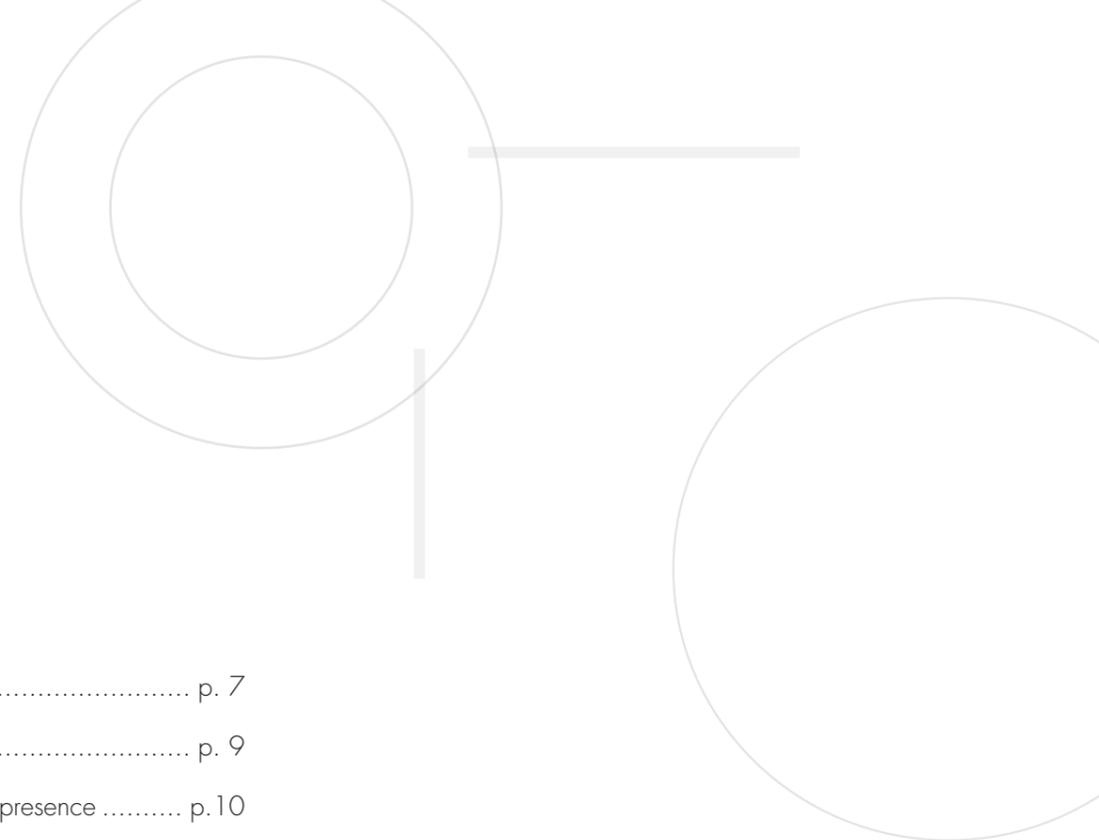
In designing and manufacturing, we continue today to gain inspiration from universal laws, conveyed into the stringent performance standards and strength of our machines.

That is why we have named them after celestial bodies."

Pietro Prati - Founder

"The past has taught us where we stand, the present has shaped our vision, the future is our destination."

Annalisa Prati & Chiara Prati – Management



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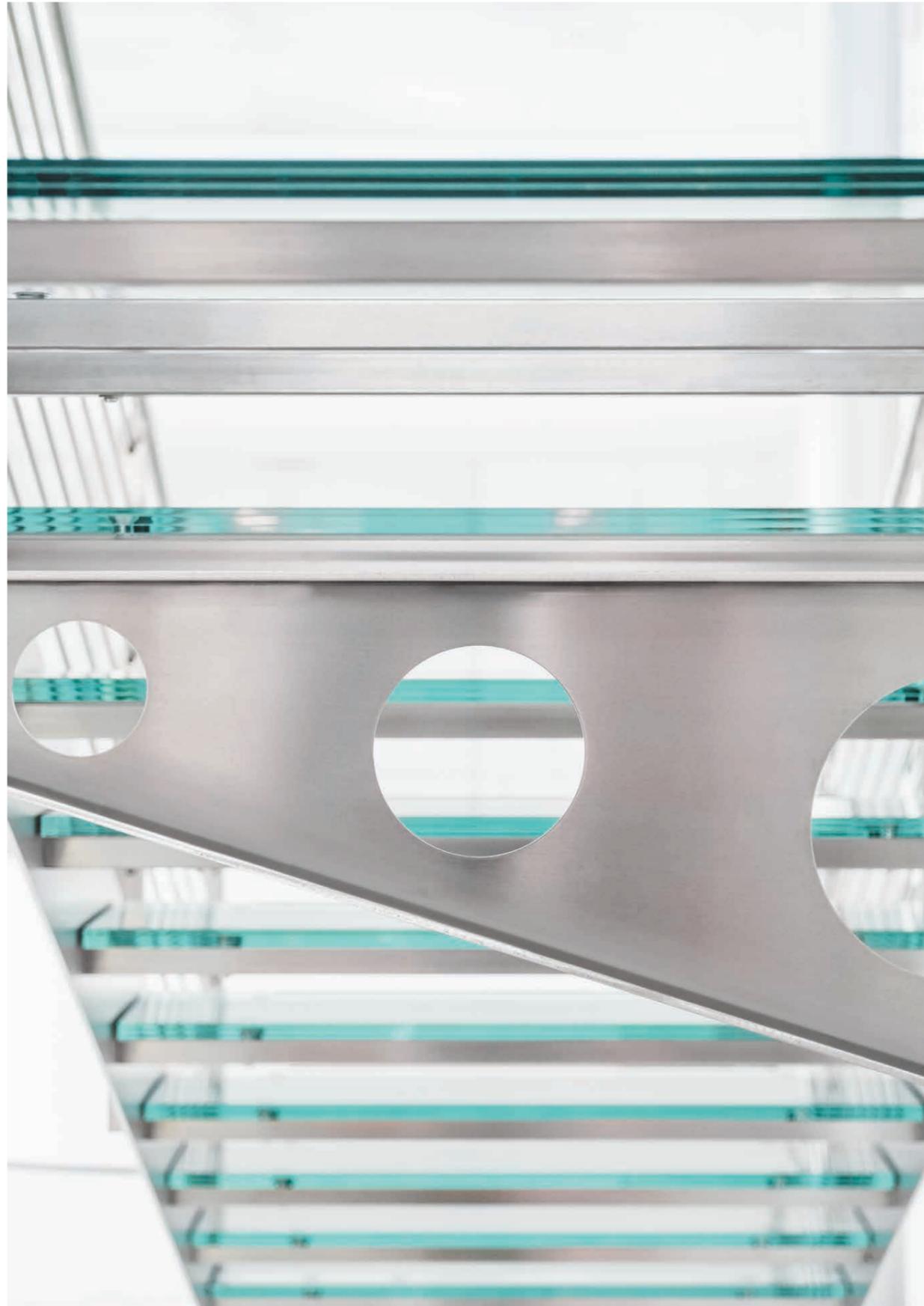
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What makes us unique  
is what we have learned  
alongside our customers  
in 45 years of business.

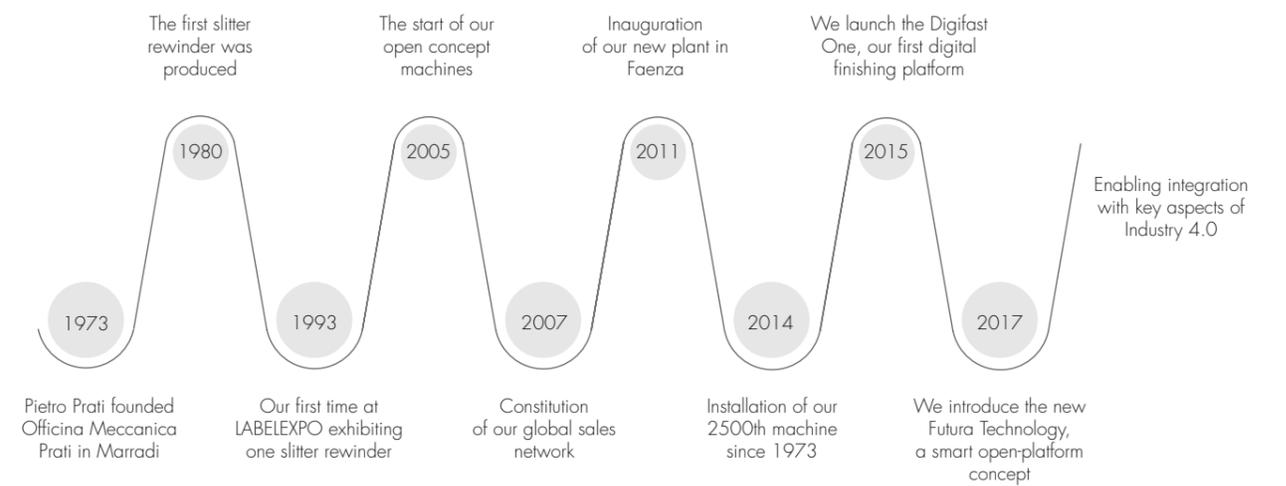


## PARTNERING YOUR GROWTH

Since 1973, we have been turning innovation into tangible benefits for our customers worldwide.

Centred on innovation, quality and lifelong reliability, our aim is to **empower our customers** through cost-efficient solutions which enable a strong competitive advantage.

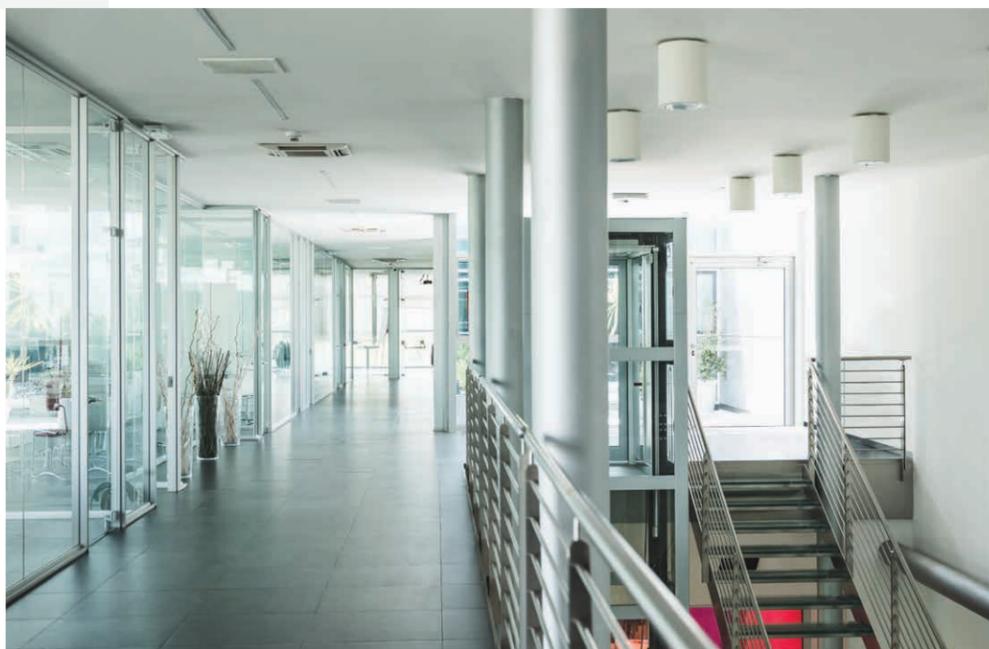
By investing in **new technologies** and managing every step of the process, from design and prototyping through to installation and technical support, we ensure our customers benefit from **tailored solutions** for post-print finishing, inspection, die-cutting, matrix stripping, rewinding, cutting and overprinting.



Experience in your market sector, technologies that **support your growth**, reliability that reassures your customers, versatile solutions that **expand your potential**. PRATI helps you **drive your business towards its next success**, boosting your productivity and keeping pace with market demands.



Each of these values translates into real benefits for our customers and this is the backbone of our promise to you.



## WE BELIEVE IN 4 KEY VALUES

### FLEXIBILITY

Fast-changing market requirements demand the **highest degree of flexibility**. One answer comes from **individualisation**. Every machine we create is configured according to your personal needs. Every aspect is designed to adapt to evolving circumstances.

PRATI machines are built around an open concept and by engineers with an open mind.

### GROWTH

The best way to grow is to grow together. Listening to your needs has taught us to find the best answers. Sharing our 45 years of international **experience and expertise** is the quickest route towards growth, **the best investment** you will choose for your business tomorrow.

PRATI technology keeps you a step ahead of your competitors thanks to constant innovation.

### INNOVATION

Keeping pace with your customers and anticipating market demands gives you a **competitive advantage**. Research into new technologies to increase your efficiency and ensure maximum quality enables you to provide **real value** to your customers. Innovation keeps you a step ahead.

PRATI makes innovation a priority, the only priority which is as important as you.

### SERVICE

Nothing is more important to a customer than **lifelong assistance**. Whatever your requirement, we will give you a prompt answer or the ideal solution. Wherever you are located, we ship consumables, new components and a technical expert within 48 hours, **anywhere in the world**.

Customer care goes hand in hand with the value of our technology. It's part of our culture.

# YOU FIND US WORLDWIDE

Wherever you are in the world, our distribution and service networks are close at hand. Ready to intervene at any time, your equipment is kept constantly at its most efficient and your productivity at its best.



We ensure global coverage thanks to our local presence.

# MARKET SEGMENTS



Active in numerous market segments, PRATI innovates and provides solutions to help you achieve better results in terms of quality, **productivity and cost-efficiency**.

Each product has been carefully designed and built in Italy and many are modular solutions enabling **extensive personalisation** to suit your specific needs.

Your requirements  
have shaped our  
way of thinking.  
Our research  
into innovative  
solutions help to  
shape your future.

## DURABLES

IML  
SA PAPER AND PLASTIC LABELS

## WINE & SPIRITS

SA PAPER AND PLASTIC LABELS

## TRANSPORT & LOGISTICS

SA PAPER AND PLASTIC LABELS

## RETAIL

PLAIN LABELS

## PROMOTIONAL MATERIAL

COUPON LABELS  
EC LABELS  
PRIZE LABELS  
PIGGYBACK LABELS

## PHARMACEUTICAL

EC LABELS  
SA PAPER AND PLASTIC LABELS

## HOME CARE

SA PAPER AND PLASTIC LABELS  
NO LABEL LOOK

## AGROCHEMICAL

EC LABELS

## COSMETICS & PERSONAL CARE

SA PAPER AND PLASTIC LABELS  
EC LABELS  
NO LABEL LOOK

## CHEMICAL

IML  
EC LABELS

## BRAND PROTECTION & SECURITY

SA PAPER AND PLASTIC LABELS

## FOOD & BEVERAGE

PS PAPER AND PLASTIC LABELS  
IML  
BLOW MOULD LABELS  
WET GLUE LABELS  
SHRINK SLEEVE  
WRAPAROUND



## FUTURA IS NOW

Fully connected with a company's MIS (Management Information System) and able to exploit vital data thanks to integration according to the principles of **Industry 4.0**, the FUTURA platform contributes significantly to increasing productivity and improving production quality.

Thanks to process automation and digitalisation, FUTURA integrates new technologies which enable superior collaboration between operators and machinery leading to **streamlined production**. An integral part of a **Smart Factory** concept, FUTURA also connects supplier to customer. Intelligent software applications provide maximum support in achieving top-level energy efficiency and relevant savings.

FUTURA not only projects your company into tomorrow's world of smart production, but also improves your **competitive edge** today.

Ultimate technology for the packaging industry, ready for the future. FUTURA is a unique, scalable architecture for all converting and finishing applications.





**The start to your finishing needs,  
where modularity and reliability  
make the difference.**

Now with FUTURA technology, Saturn is immediately upgradable  
in quick simple steps.



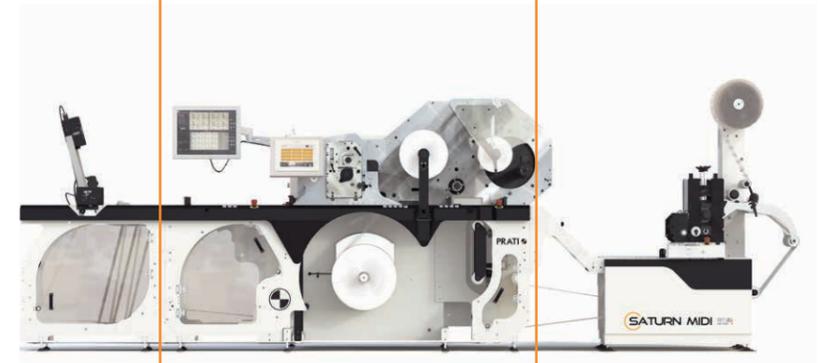
• **SATURN BKL**

ADVANCED SLITTER  
INSPECTION REWINDER  
FOR BKL AND ECL



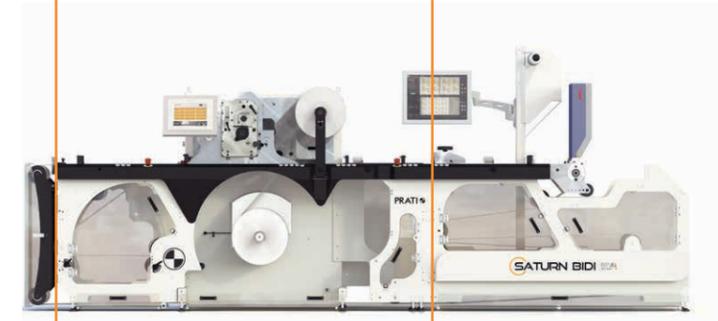
• **SATURN MIDI**

MULTI-TASK, HIGH-SPEED  
CONVERTING AND  
FINISHING LINE



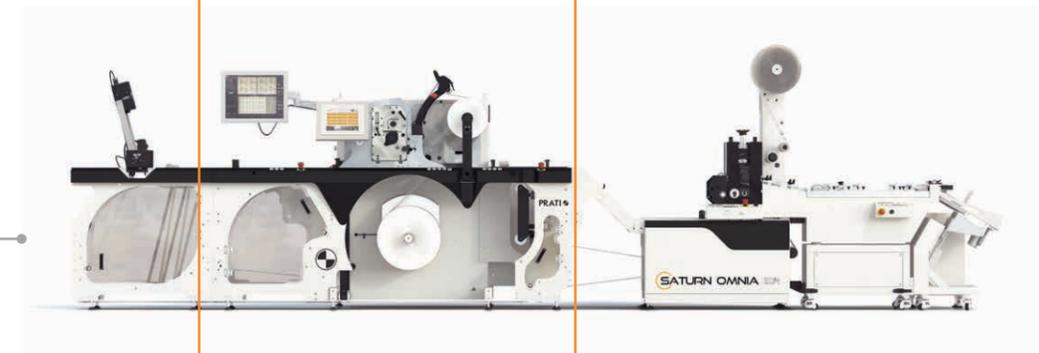
• **SATURN BIDI**

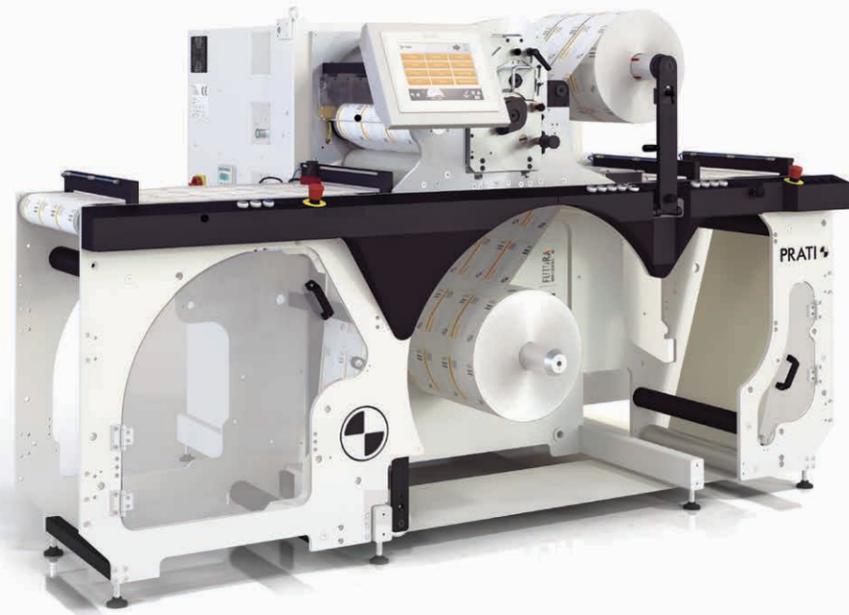
BI-DIRECTIONAL  
INSPECTION REWINDER  
IDEAL FOR PHARMA  
APPLICATIONS



• **SATURN OMNIA**

LATEST-GENERATION  
MULTIUSE FINISHING  
PLATFORM





## HIGH-SPEED SLITTER INSPECTION REWINDER

Integrating new-generation motion technology and a unique self-sharpening slitting system, Saturn processes SA labels on paper and plastic liners including the UPM PP30 and AD PET 23 $\mu$ m liners, booklets, tube laminate, Alufoil, Tyvek, cardboard and multilaminate.

Fully modular and pre-set to implement countless upgrade options, Saturn incorporates the MAKE READY function for added speed and safety at the start of each job.

TECHNICAL DATA	TE370		TE400		TE450		Unit
Max. working width	370	14.5	400	15.75	450	17.5	mm - inch
Max. speed.	300	984	300	984	300	984	m/min - fpm
Max. unwinder diameter	850	33.25	850	33.25	850	33.25	mm - inch
Max. rewinder diameter on single shaft	600	23.5	600	23.5	600	23.5	mm - inch
Max. rewinder diameter on dual shaft	410	16	410	16	410	16	mm - inch
Minimum slitting width with regular knives	13	0.5	13	0.5	13	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. side trim width	1,5	0.06	1,5	0.06	1,5	0.06	mm - inch
Size L x D x H	2425x1610x1450	95x63x57	2425x1610x1450	95x63x57	2425x1610x1450	95x63x57	mm - inch

Label type: SA paper and plastic labels, no label look.



**MULTI-TASK, HIGH-SPEED  
CONVERTING  
AND FINISHING LINE**

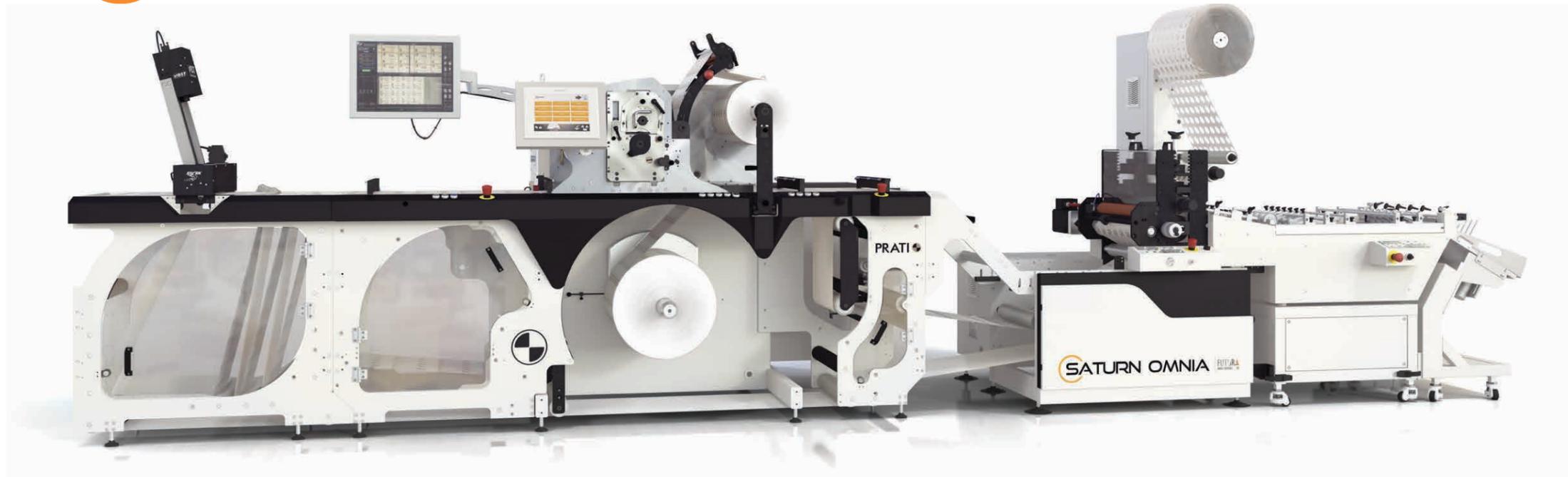
Designed to ensure maximum productivity, Saturn MIDI reduces production costs giving converters a significant competitive advantage. Downtime is cut completely during cycle changeover with the semi-automatic Dual Turret rewinder in order to achieve superb machine output.

Operates full rotary die-cutting and re-register and includes in-line web inspection, suitable for all SA materials and special label shapes.

Label type: IML, EC labels, SA paper and plastic labels, plain labels.

TECHNICAL DATA	TE370		TE400		TE-450		Unit
Max. working width	370	14.5	400	15.75	450	17.5	mm - inch
Max. machine speed	300	984	300	984	300	984	m/min - fpm
Max. speed with die-cutting	250	820	250	820	250	820	m/min - fpm
Max. speed with die-cutting to register	200	656	200	656	200	656	m/min - fpm
Max. unwinding diameter	850	33.25	850	33.25	850	33.25	mm - inch
Max. rewinder diameter on single shaft	600	23.5	600	23.5	600	23.5	mm - inch
Max. rewinder diameter on dual shaft	410	16	410	16	410	16	mm - inch
Max. rewinding diameter on SA Dual Turret	300	11.75	300	11.75	300	11.75	mm - inch
Minimum slitting width with regular knives	13	0.5	13	0.5	13	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. side trim width	1,5	0.06	1,5	0.06	1,5	0.06	mm - inch
Size L x D x H	4550x1600x1720	179x63x66	4550x1600x1720	179x63x66	4550x1600x1720	179x63x66	mm - inch

ROTARY DIE-CUTTING UNIT	FT370		FT400		FT450		Unit
Die-cutting web width	370	14.5	400	15.75	450	17.5	mm - inch
Max. matrix rewinding diameter	550	21.5	550	21.5	550	21.5	mm - inch
Min. die-cutting size	12	12	12	12	14	14	inch
Max. die-cutting size	24	24	24	24	24	24	inch
Gear system	1/8	1/8	1/8	1/8	1/8	1/8	inch



## LATEST-GENERATION MULTIUSE FINISHING PLATFORM

Saturn OMNIA is all about market-oriented flexibility for established label converters as well as market newcomers. Able to handle SA labels, IML, flexible packaging, A4 sheets and wet glue labels, Saturn OMNIA is perfect for customised production runs and multiple label types. Moreover, different shaped wet glue labels and IML are easily stacked together at the same time.

The machine can be equipped with various options depending upon your market needs and Prati technology and SFTW ensure accurate repeatability.

### THE LESS YOU INVEST, THE MORE YOU FINISH

Modular concept, multiuse design, plus FUTURA open-platform technology make Saturn OMNIA the wisest single investment ensuring business opportunities that multiply day after day.

Label type: SA paper and plastic labels, PS paper and plastic labels, blow mould labels, wet glue labels, shrink sleeve, wraparound, EC labels, IML, no label look.

TECHNICAL DATA	TE370		TE400		TE450		Unit
Max. working width	370	14.5	400	15.75	450	17.5	mm - inch
Max. speed for finishing PSL and unsupported films	300	984	300	984	300	984	m/min - fpm
Max. speed for in-reg die cutting of PSL	200	656	200	656	200	656	m/min - fpm
Max. speed for IML	80	262	80	262	80	262	m/min - fpm
Max. speed for sheeting	120	393	120	393	120	393	m/min - fpm
Max. unwinder diameter	850	33.25	850	33.25	850	33.25	mm - inch
Min die-cutting size	12	12	12	12	14	14	inch
Max die-cutting size	24	24	24	24	24	24	inch
Max. die-cutting width with lateral trims	360	14	390	15.25	440	17.25	mm - inch
Max. die-cutting width without lateral trims (sheeting mode)	370	14.5	400	15.75	450	17.5	mm - inch
Max. rewinding diameter on single shaft	600	23.5	600	23.5	600	23.5	mm - inch
Max. rewinding diameter on double shaft	410	16	410	16	410	16	mm - inch
Max. matrix rewinding diameter	550	21.5	550	21.5	550	21.5	mm - inch
Minimum slitting width	13	0.5	13	0.5	13	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. lateral trim width	1,5	0.06	1,5	0.06	1,5	0.06	mm - inch
Size L x D x H	6350x1610x1745	250x63x69	6350x1610x1745	250x63x69	6350x1610x1745	250x63x69	mm - inch



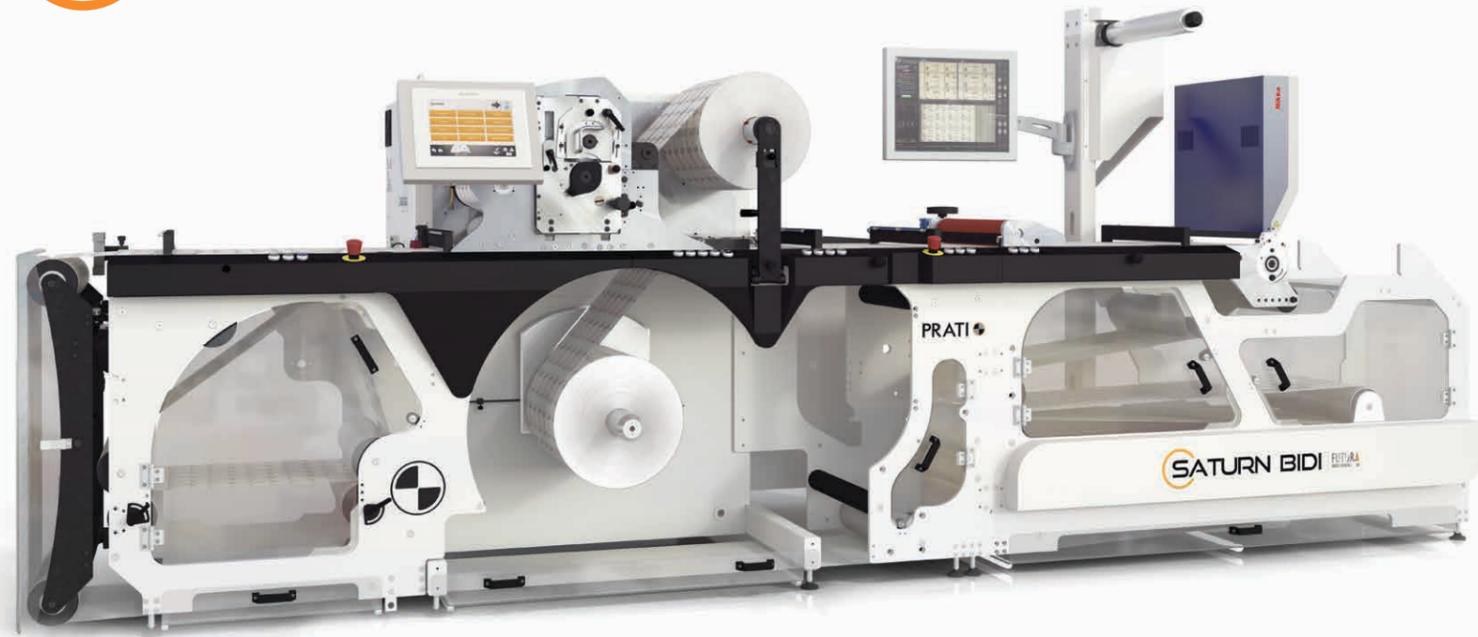
**ADVANCED SLITTER  
INSPECTION REWINDER  
FOR BKL AND ECL**

Complete with dedicated, sympathetic web path and software, the machine is ideal to finish thin and thick BKL / ECL labels. Large diameter idlers, outstanding web guide and nipping wheels make it the ideal choice for booklet converters dealing in the pharmaceutical, nutraceutical, agro-chemical, food and promotional sectors.

Ready to be equipped with 100% inspection system, ink-jet heads for back / front overprinting, and with a purge liner device to comply with ISO 15378.

TECHNICAL DATA	TE370		TE400		TE450		Unit
Max. working width	370	14.5	400	15.75	450	17.5	mm - inch
Max. speed.	300	984	300	984	300	984	m/min - fpm
Max. unwinder diameter	850	33.25	850	33.25	850	33.25	mm - inch
Max. rewinder diameter on single shaft	600	23.5	600	23.5	600	23.5	mm - inch
Max. rewinder diameter on dual shaft	410	16	410	16	410	16	mm - inch
Minimum slitting width with regular knives	13	0.5	13	0.5	13	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. side trim width	1,5	0.06	1,5	0.06	1,5	0.06	mm - inch
Size L x D x H	2640x1610x1450	104x63x57	2640x1610x1450	104x63x57	2640x1610x1450	104x63x57	mm - inch

Label type: EC labels, SA paper and plastic labels.



## HIGH-END BI-DIRECTIONAL INSPECTION REWINDER

Fully compliant with pharmaceutical and security inspection requirements, Saturn BIDI certifies label quality and quantity thanks to complete inspection and re-inspection capabilities, ensuring no exceptions ever get through the loop.

Saturn BIDI operates 2 working modes: FAST MODE for standard, high-speed processing and SAFE MODE for failsafe, certified label finishing. By selecting SAFE MODE, the machine starts processing only when all integrated security systems are enabled. Buffer-free operation makes Saturn BIDI the ideal choice for BKL labels.

Functions include: print quality inspection and re-inspection, backnumbering and relevant inspection, counting, slitting and rewinding. Web path cleaning, by means of a purge liner between jobs, ensures compliance with Pharma Norm ISO 15378. Saturn BIDI also applies a measured lead and tail for each roll of labels, according to end-user requirements.

### THE LESS YOU WORRY, THE MORE YOU FINISH

Saturn BIDI certifies label quality and quantity, in full compliance to the strict rules of the pharmaceutical industry.

Label type: EC labels, BKL labels, SA paper and plastic labels, no label look.

TECHNICAL DATA	TE370		TE400		TE450		Unit
Max. working width	370	14.5	400	15.75	450	17.5	mm - inch
Maximum speed in FAST mode	300	984	300	984	300	984	m/min - fpm
Maximum machine speed in SAFE bi-directional mode (camera dependant)	130	426	130	426	130	426	m/min - fpm
Pneumatic unwind shaft	76	3	76	3	76	3	mm - inch
Max. unwind diameter	850	33.25	850	33.25	850	33.25	mm - inch
Max. rewinder diameter on single shaft	600	23.5	600	23.5	600	23.5	mm - inch
Max. rewinder diameter on dual shaft	410	16	410	16	410	16	mm - inch
Minimum slitting width with regular knives	13	0.5	13	0.5	13	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. side trim width	1,5	0.06	1,5	0.06	1,5	0.06	mm - inch
Size L x D x H	4380x1610x1745		4380x1610x1745		4380x1610x1745		mm - inch

### 1. General Job Information

Job Name:	Factory
Session Started:	25 Jun 2013 14:03
Session Ended:	25 Jun 2013 16:34
Session Duration:	04:41:36

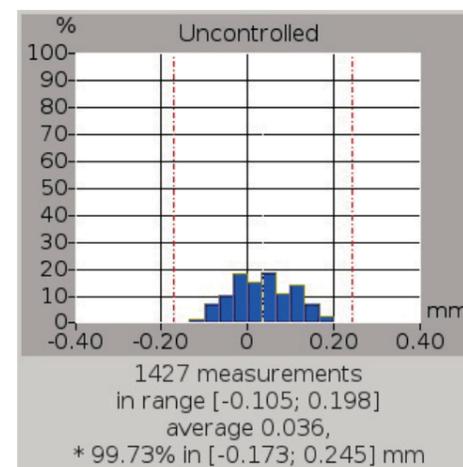
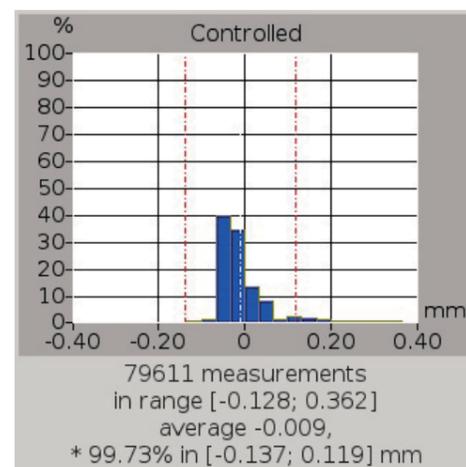


### 2. Job Details

Label Length:	74.88 mm
Max Web Speed:	260 m/min
Repeat Mode:	Dynamic
Plate Repeat:	1
Auto Averaging:	Off
Averaging Measurements:	3
Marker Distance:	9.67 mm

### 3. Statistics

Total Labels:	81834	100.00 %
Unmeasured:	796	0.97 %
Measured:	81038	99.03 %
Controlled:	79611	97.28 %
Uncontrolled:	1427	1.74 %



# PHARMACHECK

**The ultimate pharmaceutical inspection machine.**

GAMP-certified finishing solution for the pharmaceutical industry where compliance with strict industry norms is mandatory.



## TOTAL SECURITY FINISHING PLATFORM

Uniquely forward-moving web motion with mobile camera inspection and re-inspection capabilities make PHARMACHECK the ultimate security benchmark in its field. Total respect of job tolerances is the only rule PHARMACHECK knows.

Up to 5 security vision inspection points are possible, including video alignment according to printed content, backnumbering with OCR inspection, video slitting inspection and an end-of-process "panic camera" all ensure ultimate product quality.

PHARMACHECK is GAMP-certified and fully compliant with ISO 15378 and AMWHV.

TECHNICAL DATA	PH330		Unit
Max. working width	330	13	mm - inch
Max. speed.	100	328	m/min - fpm
Max. unwinding diameter	1040	40.75	mm - inch
Max. rewinder diameter on single shaft	600	23.5	mm - inch
Max. rewinder diameter on dual shaft	500	19.5	mm - inch
Minimum slitting width with regular knives	13	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	mm - mils
Min. side trim width	1,5	0.06	mm - mils
Size L x D x H	6600x1500x1700	260x59x67	mm - inch

Label type: EC labels, SA paper and plastic labels.



**DIGIFAST** *one*

**The most efficient, accurate,  
high-speed digital finishing platform.**

With remarkable processing speeds, DIGIFAST ONE is ready to boost your productivity beyond today's limits.



## HIGH-SPEED, MODULAR DIGITAL CONVERTING LINE

Processing at speeds of up to 90 m/min., DIGIFAST ONE is totally modular, available in L-R or R-L configuration and accepts additional processing units and upgrades as required.

Fitted with intuitive controls and a series of smart design features which enable complete set-up times to be reduced to just over 8 minutes, DIGIFAST ONE boosts productivity beyond today's standards and guarantees processing accuracy with 0.15 mm tolerances. Waste material is kept to just a few metres per job, making the machine perfect for short runs.

### THE LESS YOU WASTE, THE MORE YOU FINISH

Built with the new FUTURA open-platform technology, DIGIFAST ONE significantly increases productivity by generating less waste material and drastically reducing downtime between jobs.

Label type: SA paper and plastic labels, no label look.

TECHNICAL DATA	DF330	Unit
Max. working width	330	13 mm - inch
Max. machine speed in semi-rotary mode	90	294 m/min - fpm
Max. machine speed in full-rotary mode	150	490 m/min - fpm
Max. unwinding diameter	1040	40.75 mm - inch
Max. rewinder diameter on single shaft	800	31.25 mm - inch
Max. rewinder diameter on dual shaft	500	19.5 mm - inch
Max. rewinding diameter on SA dual turret	400	15.75 mm - inch
Minimum slitting width with regular knives	13	0.5 mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006 mm - mils
Min. side trim width	1,5	0.06 mm - mils
<b>FLEXO PRINTING Unit</b>		
Min. printing repeat length F/R	-	12 inch
Max. printing repeat length F/R	-	24 inch
Min. printing repeat length S/R	-	2 inch
Max. printing repeat length S/R	-	22 inch
<b>ROTARY DIE-CUTTING Unit</b>		
Min. die-cutting size F/R	-	12 inch
Max. die-cutting size F/R	-	24 inch
Min. die-cutting size S/R	-	2 inch
Max. die-cutting size S/R	-	22 inch
Max. matrix rewinding diameter	750	29.5 mm - inch
<b>LAMINATION Unit</b>		
Max unwinder diameter for laminator or cold foil	450	17.5 mm - inch
Overlapping accuracy at constant speed	+/- 0,15	+/- 0.006 mm - inch



**VEGA+**

**Full modularity, versatility and individualisation of each function to suit specific customer requirements.**

Precision when set up for BKL labels and coupon labels; highly competitive productivity when converting commodity, retail and logistic labels.

# VEGA+ BKL



## ADVANCED OFFLINE BOOKLET MAKER

Accurate handling combined with a user-friendly concept make the VEGAplus BKL a benchmark booklet maker enjoying all the benefits of offline processing. Enabling accurate tension and register control, the machine allows for clean processing. A patented lamination unit, designed to process multiple types of laminated labels, creates the correct curvature for the finished booklet keeping the base label at full size.

With no need for subsequent processing steps, the VEGAplus BKL cuts your costs by reducing the need for further machinery. Tailored individually to respond to each customer's demands, the machine also converts blank SA material into finished BKL labels with in-register brailled laminate.

Also suitable for the processing of coupon labels and multiply labels, furthermore the VEGAplus BKL features flatbed die-cutting and satisfies the strict demands of the pharmaceutical industry.

### THE LESS YOU PROCESS, THE MORE YOU PROFIT

VEGAplus BKL is a highly profitable solution for all booklet types (flat, curved, thick) with significantly reduced label processing for maximum quality.

Label type: EC labels, coupon labels, prize labels, piggy back labels and multiply labels.

TECHNICAL DATA	LF330 BKL		LF450 BKL		Unit
Max. working width	330	13	450	17.5	mm - inch
Max. machine speed	200	656	200	656	m/min - fpm
Average working speed for BKL production	45	150	45	150	m/min - fpm
Max working speed for coupon labels production	75	246	75	246	m/min - fpm
Max. unwinding diameter	1040	40.75	1040	40.75	mm - inch
Longford Min Product size	22 L x 50 W x 0.12 T		22 L x 50 W x 0.12 T		mm - inch
Longford Max Product size	203 L x 318 W x 6.0 T (OS700W14)		203 L x 419 W x 6.0 T (OS700W18)		mm - inch
Max. lamination unit diameter	600	23.5	600	23.5	mm - inch
Overlapping accuracy at constant speed	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. die-cutting size	10	10	14	14	inch
Max. die-cutting size	28	28	28	28	inch
Max. matrix rewinding diameter	550	21.5	550	21.5	mm - inch
Max. rewinder diameter on single shaft	600	23.5	800	31.25	mm - inch
Minimum slitting width with regular knives	13	0.5	13	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. side trim width	1,5	0.06	1,5	0.06	mm - inch
<b>FLEXO PRINTING Unit</b>					
Printing web width	330	13	450	17.5	mm - inch
Max. printing speed	150	492	150	492	m/min - fpm
Min. printing repeat length	10	10	14	14	inch
Max. printing repeat length	20	20	28	28	inch

# VEGA+



## MODULAR CONVERTING PLATFORM

Easily customised and ideal for single-pass processing, thanks to the inspection module positioned after the die-cutting unit, VEGAplus is a full-servo, high-speed platform ensuring excellent productivity for countless label processing requirements. Operating either with a glueless turret or single shaft, VEGAplus implements a large diameter unwinder, features a flexo printing unit, die-cutting units for front and reverse cutting with a re-register function for pre-printed materials and an inspection unit for in-line quality checking.

### THE LESS YOU CONSTRAIN, THE MORE YOU CONVERT

VEGAplus handles SA labels and unsupported films in one single pass, improving the finishing quality, ensuring better results and better productivity for converters.

Label type: PS labels, unsupported film, unsupported paper and plain labels.

TECHNICAL DATA	LF330		LF450		LF530		unit
Max. working width	330	13	450	17.5	530	20.75	mm - inch
Max. machine speed	250	820	250	820	250	820	m/min - fpm
Max. unwinding diameter	1040	40.75	1040	40.75	1040	40.75	mm - inch
Max. rewinder diameter on single shaft	600	23.5	800	31.25	800	31.25	mm - inch
Max. rewinder diameter on dual shaft	460	18	750	29.5	750	29.5	mm - inch
Max. rewinding diameter on 3 spindle turret	340	13.25	380	14.75	380	14.75	mm - inch
Minimum slitting width with regular knives	13	0.5	13	0.5	13	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. side trim width	1,5	0.06	1,5	0.06	1,5	0.06	mm - inch
<b>FLEXO PRINTING Unit</b>							
Printing web width	330	13	450	17.5	530	20.75	mm - inch
Max. printing speed	150	492	150	492	150	492	m/min - fpm
Minimum printing repeat length	-	10	-	14	-	16	inch
Maximum printing repeat length	-	20	-	28	-	28	inch
<b>ROTARY DIE-CUTTING Unit</b>							
Die-cutting web width	330	13	450	17.5	530	20.75	mm - inch
Max. speed with die-cutting	200	656	200	656	200	656	m/min - fpm
Max. speed with die-cutting to register	200	656	200	656	200	656	m/min - fpm
Min. die-cutting size	-	10	-	14	-	16	inch
Max. die-cutting size	-	20	-	28	-	28	inch
Max. matrix rewinding diameter	550	21.5	550	21.5	550	21.5	inch
<b>LAMINATION Unit</b>							
Max. lamination unit diameter	600	23.5	600	23.5	-	-	mm - inch
Overlapping accuracy at constant speed	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	-	-	mm - inch



**STAR+**

**Beats everyone into second place  
thanks to simple operation and  
superb productivity.**

Customers looking for the quickest way to achieve production efficiency and reduce overall costs will appreciate how effective STARplus is.



## LATEST GENERATION NON-STOP GLUELESS TURRET REWINDER

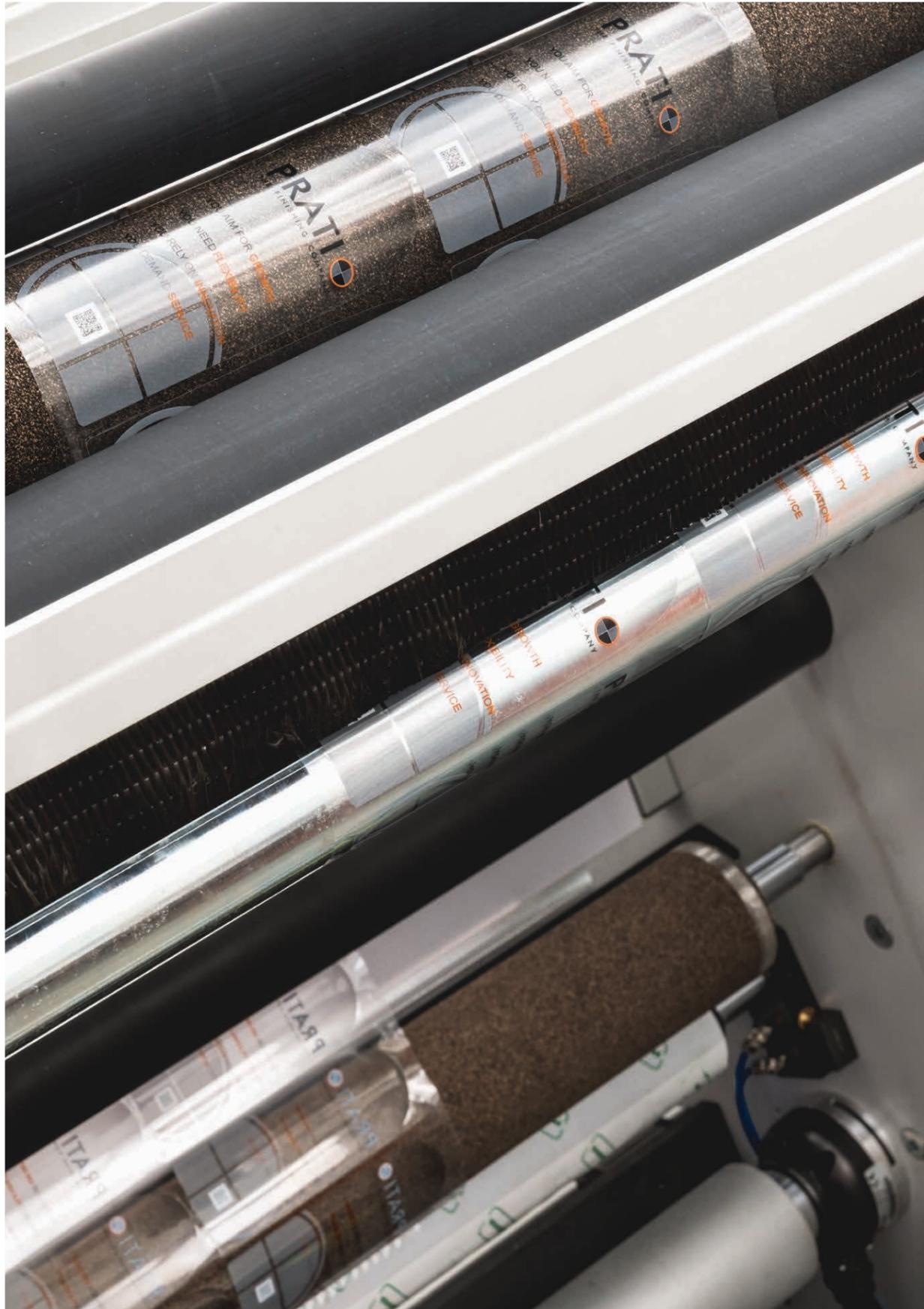
Latest generation technologies and accurate digital control of rewinding tensions make STARplus a winning solution for all PS labels. Reel change speeds of 100m/min. and rapid job changeover times keep productivity at a high level and glueless hooking technology for web-to-core fixing saves money and ensures glue-free rolls and a clean working environment, particularly suitable for logistic, retail and food label production.

### THE LESS YOU STOP, THE MORE YOU FINISH

StarPlus is the non-stop glueless turret rewinder for ongoing operation and fast changeover times enabling superb productivity.

Label type: SA paper and plastic labels, PS paper and plastic labels, IML, blow mould labels, wet glue labels, shrink sleeve, wraparound, plain labels, no label look.

TECHNICAL DATA	TR400		TR450		TR 530		Unit
Max. suggested working web width	400	15.75	450	17.5	530	20.75	mm - inch
Maximum mechanical speed	200 depending on material	656	200 depending on material	656	200 depending on material	656	m/min - fpm
Maximum hooking speed	up to 110 depending on rewinder shaft size	360	up to 110 depending on rewinder shaft size	360	up to 110 depending on rewinder shaft size	360	m/min - fpm
Max. rewind diameter on turret with 76 mm shafts	400	15.75	400	15.75	400	15.75	mm - inch
Max. rewind diameter on turret with 50 mm shafts	300	11.75	300	11.75	300	11.75	mm - inch
Max. rewind diameter on turret with 40 mm shafts	290	11.25	290	11.25	290	11.25	mm - inch
Max. rewind diameter on turret with 25 mm shafts	250	9.75	250	9.75	250	9.75	mm - inch
Minimum lane's width	25	1	25	1	25	1	mm - inch
Size L x D x H	1550x2160x2100	61x85x83	1550x2160x2100	61x85x83	1550x2240x2100	61x88x83	mm - inch



**JUPITER**

**Streamlines production and guarantees consistent quality, cutting time and overhead.**

Suitable for PS labels and flexible packaging materials, JUPITER is a large format slitter rewinder implementing top-level quality control.



**MULTI-SUBSTRATE  
HIGH-END SLITTER  
INSPECTION REWINDER**

With JUPITER WF you are 100% sure of the quality you deliver, encouraging customer loyalty in the most demanding circumstances. Built to communicate with all workflow link brands, the rewinder runs at full speed and only stops for pre-defined defects to be removed or corrected.

With the exclusive Automatic Workflow Management System, what makes the difference is when the rewinder stops, any corrective action is entirely automatic and the end result is error-free, every time. Only this way do converters achieve total reproducibility of the finished label by zeroing the risk of human error.

JUPITER WF handles multi-substrates from 12 to 450µm with 3 different rewinding tensions for unsupported film, SA labels and clear-on-clear labels.

**THE LESS YOU DO, THE MORE YOU FINISH**

JUPITER WF with Automatic Workflow Management System enables fully automatic correction procedures, leading to consistency and failsafe quality of the finished label.

Label type: SA paper and plastic labels, flexible packaging and unsupported paper.

TECHNICAL DATA	TC530		TCW630		TCW670		Unit
Max. working width	530	20.75	630	24.75	670	26.25	mm - inch
Max. speed.	320	1050	400	1300	400	1300	m/min - fpm
Max. unwinding diameter	800	31.25	1100	43.25	1100	43.25	m/min - fpm
Max. rewinder diameter on single shaft	600	23.5	800	31.25	800	31.25	mm - inch
Max. rewinder diameter on dual shaft	420	16.5	750	29.5	750	29.5	mm - inch
Minimum slitting width with regular knives	15	0.5	30	1	30	1	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	+/- 0,15	+/- 0.006	mm - inch
Min. side trim width	1,5	0.06	1,5	0.06	1,5	0.06	mm - inch
Size L x D x H	2200x1500x1450	87x59x57	4550x2050x1520	179x80x60	4550x2050x1520	179x80x60	mm - inch



**Flexible IML processing with a multi-  
shape collection system complete  
with different stacking devices.**

In a market where IML is the fastest-growing label type, ALHENA is the smartest choice for converters requiring ultimate versatility and efficiency.



**PRECISION AND FLEXIBILITY  
IN IML CONVERTING**

With IML the fastest-growing label trend, converters will reap the benefits of ALHENA today and tomorrow with its unique delivery tray system and continuous working cycle which ensures top-level productivity. Adjusting to all label shapes, ALHENA implements a multi-shape collection system, more efficient and cost effective than having to rely on different stacking devices. Equipped with anti-static devices, packing is also made easier thanks to direct access to the collecting tray.

**THE LESS YOU CHANGE, THE MORE YOU FINISH**

With its multi-shape collection system and incredible versatility, ALHENA adapts to a vast selection of IML labels.

TECHNICAL DATA	IML530		Unit
Max. working width	530	20.75	mm - inch
Max. working speed for the machine functions	100 depending on the jobs shape	328 depending on the jobs shape	m/min - fpm
Minimum die-cutting unit size	16	16	inch
Maximum die-cutting unit size	28	28	inch
Max. unwinding diameter	1040	40.75	mm - inch
Max. matrix rewinding diameter	700	27.5	mm - inch
Size L x D x H	4520x2450x1750	178x97x69	mm - inch

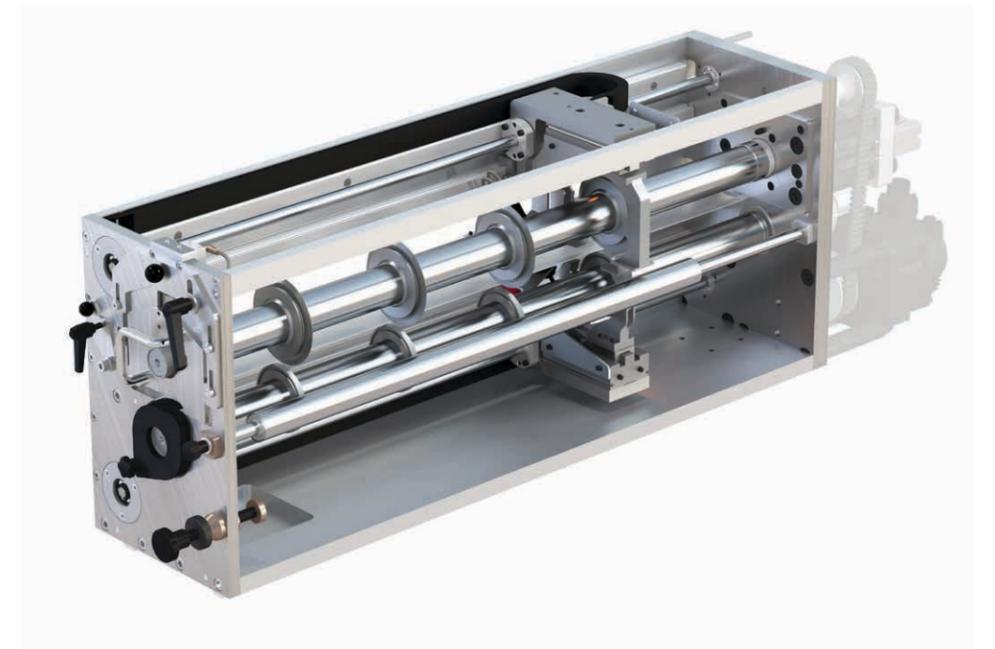
Label type: IML, blow mould labels, wet glue labels and paper cups.



## KEY ACCESSORIES

### FASTCUT

Accurate, automated knife and counter-knife positioning device to drastically reduce the set-up times to virtually nil and improve slit quality with tighter tolerance levels. Ensures consistent quality thanks to the absence of variables and leads to longer knife-life.



#### TECHNICAL DATA & FEATURES

			Unit
Minimum slitting width with regular knives	15	0.5	mm - inch
Slitting accuracy	+/- 0,15	+/- 0.006	mm - inch
Min. side trim width	1,5	0.06	mm - inch
Max number of knife and counter-knife group	15 / 18	15 / 18	

## WASTE EXTRACTION UNIT

Thanks to its innovative concept (twin turbine) this device allows high-speed aspiration and strong tension despite using a primary turbine with reduced energy consumption (high performance, low running costs).



Building the future of your business is our daily undertaking. Only the best ingredients from today will make the recipe for your success tomorrow.

## ROLL LIFTER

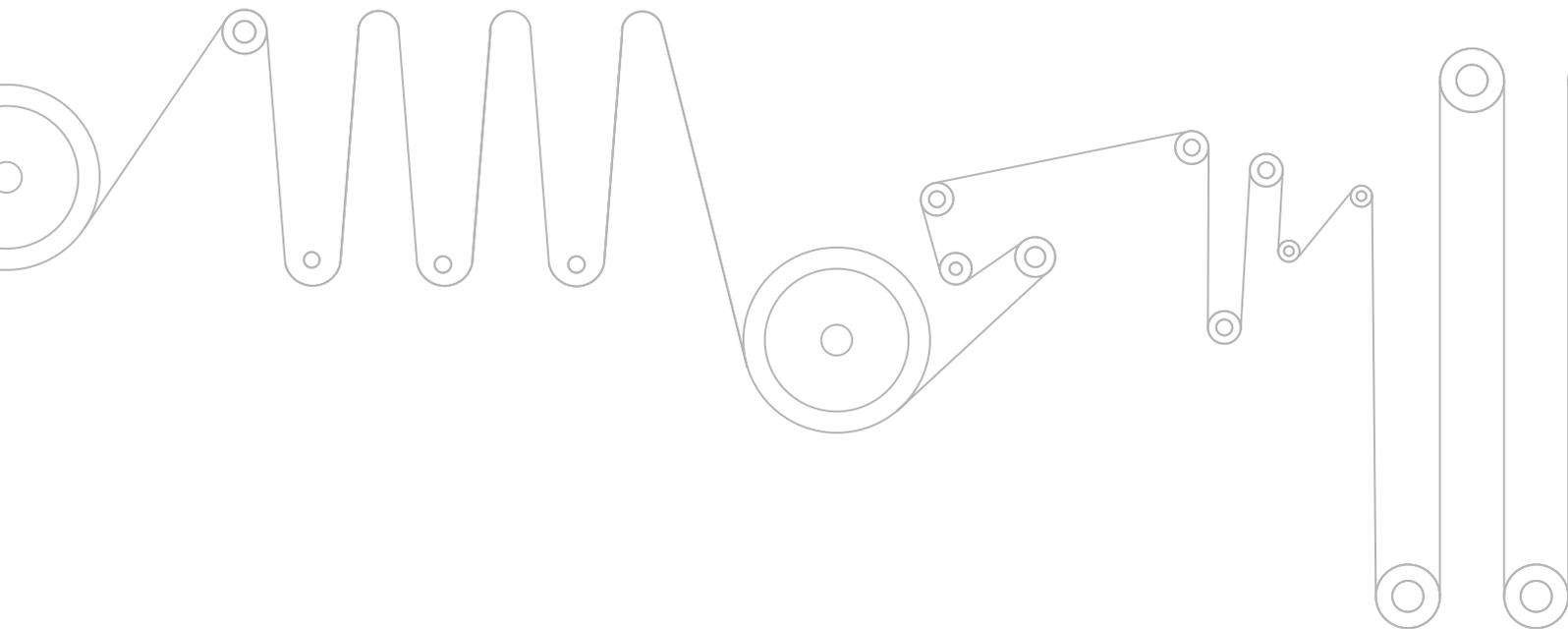
Motor-driven roll lifter with roller slide roll positioning shaft for easy handling. Replaces manual lifting and handling, transfer and positioning of rolls up to 200 kg. Simple to use, positioning is dealt with manually using the foot brake with wheels moving in one direction. Lifting of the shaft is motor-driven powered by rechargeable batteries.



Our policy of constant technological upgrading means that technical specifications may be subject to change without prior notice.



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