

Versatile performer



LAMINATED BOARD

EXPERTSTAR

At a glance

Ultimative display runner

User friendly sheet to sheet laminator for small to large production volumes. Versatile and ergonomic. The **EXPERTSTAR** can be perfectly used for double-sided laminating e.g. for display production. Sheet register system with side lay and electronic sensor for substrate edge detection

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High
flexibility

Excellent
accuracy

Amazing
set-up time



Creating value

BOBST innovations
are driven by customer
and brand owner needs.

[> READ MORE](#)

Functional packaging and protection

Protecting the goods in a clever way is required. Single serve, multi-packs, re-sealable, see-through.

Customization, versioning, personalization

Packaging needs to reach all segments of the society taking almost any shape and size from very short runs to reprint and long runs. All with the best color consistency.

e-commerce & omni-channels

Multiple retail formats set new requirements for packaging. On-demand production, timely delivery across multiple designs, shapes and sizes.

Sustainability

Packaging production needs to reduce its environmental carbon footprint – less waste across the entire supply chain. New and thinner substrates. Recycling and re-use are the new rules.

Faster time-to-market

A growing number of products need to reach consumers faster. Product lifetime is shorter. From product design to the consumer experience, the supply chain has to be more agile.



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Benefits and features 1 - 3



Easy operation

Easy set-up

- Touchscreen operation
- Manual set-up with handwheels and measuring scale
- Adjustable during production run
- Motorized setting of stack sensors



Innovative sheet feeding

Suction head

- Bobst suction head
- Adpted for large format sheets
- Continuous pile centring of printed sheets
- Double sheet detection
- Motorized format set-up



Excellent accuracy

Front stop

- Mechanical front stop
- Sidelay and electronic sensor for substrate edge detection
- Sheet rigistration adjustable during production run

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Higher performance

Unmatched output (optional)

- Production speed up to 10'000 sh/h
- Ideal for large production runs



Perfect gluing

GAPRO NANO (optional)

- Significant reduction of glue consumption
- Perfect metering system
- Creates an even glue film
- Enables full surface gluing of solid board or single / doublewall substrate sheets



Quick set-up

MATIC set-up (optional)

- Parameter for the next job pre-programmable
- "one touch set-up"
- Job data handling
- Caliber measuring device

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Extended capabilities

Special litho sheet sensor (optional)

- For ultra low sheet base weight and / or foiled / coated papers



Enhanced possibilities

Extra side lay (optional)

- Perfect registration for both-side lamination (Counter lamination)
- No mechanical marks on the sheet



Unique ejection

Waste ejection (optional)

- MATIC ejection of double or missing sheets,
- manual ejection of scrap sheets

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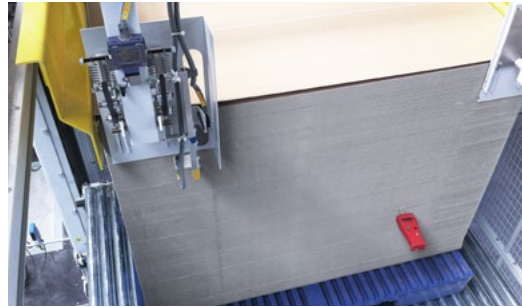
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Related products



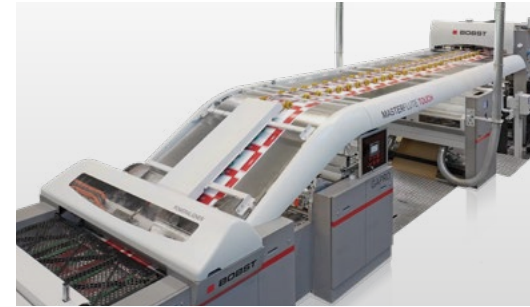
> SINGLE FACE PRE-FEEDER

MATIC substrate sheet feeding without operator intervention.
Minimum cycle time matching laminator speed..



Stacking discharge system

Different kind of adaptable discharge systems for stack handling with or without pallet.
Customer tailored solutions



Off or In-line laminator lines

Integrated production of sheet to roll or roll to roll for single or double wall production.



> NOVASTAR

Simply great quality
Easy operation
Reliable production



> MASTERSTAR

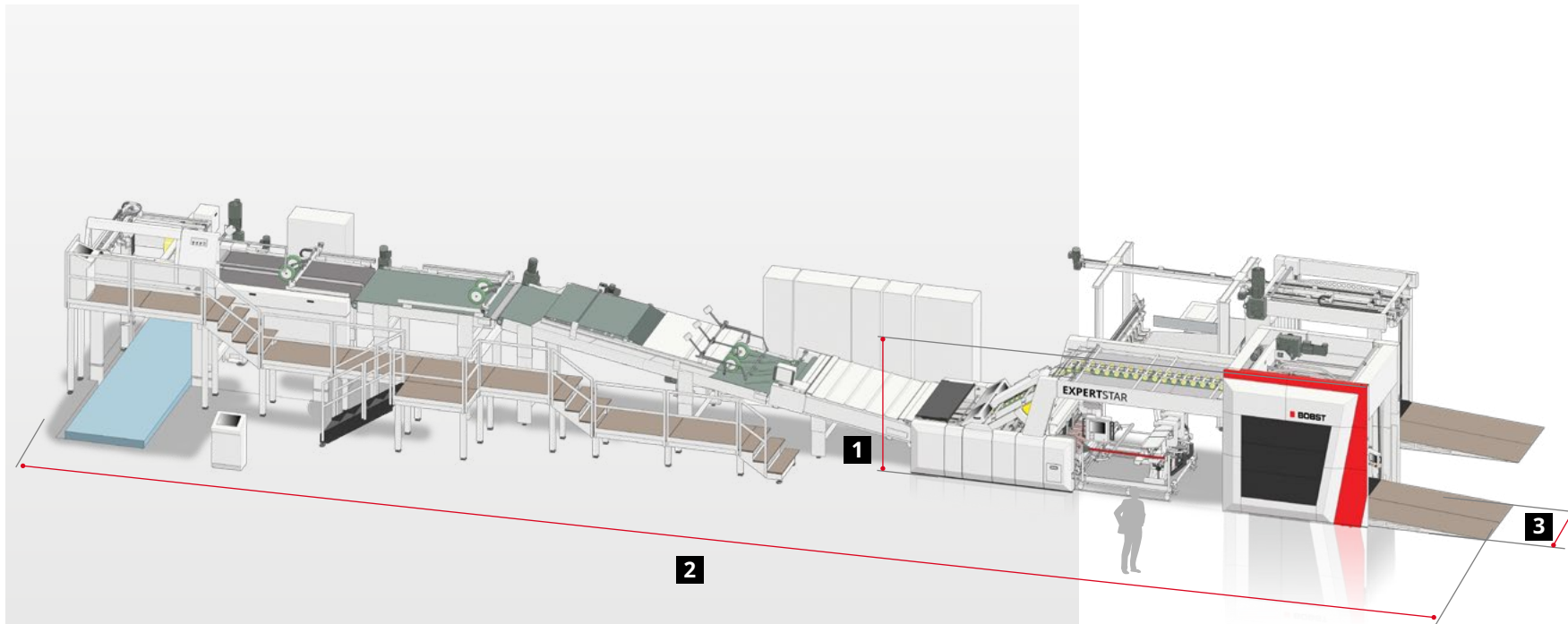
For the highest productivity
Fully MATIC set-up
POWER ALIGNER light.

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1

	3.10 m	10.50 ft	*
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2

With manual bundle take off	17 m	55.77 ft	*
With bundle delivery manual take off	21 m	68.90 ft	
With stacker	24 m	78.74 ft	
With ejection and stacker	27 m	88.58 ft	

3

	2.60 m	8.53 ft	*
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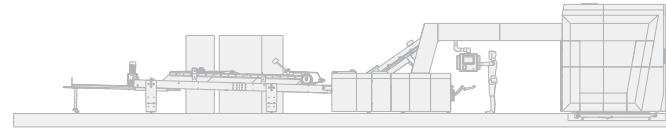
* Values may vary according to the configuration.

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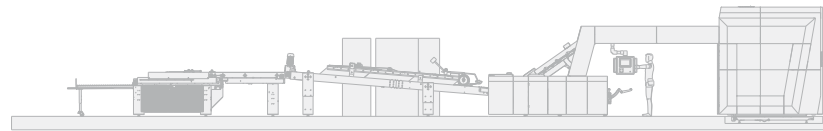
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- Delivery table to manually unload and handle the laminated sheet



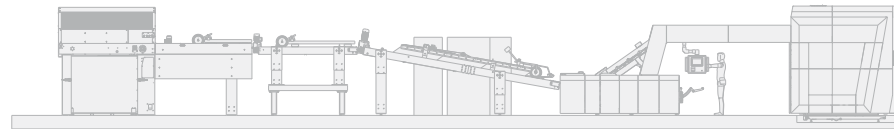
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- Manual bundle take-off
- Bundle delivery
- Bundle removal table height max. 100 mm / 4"



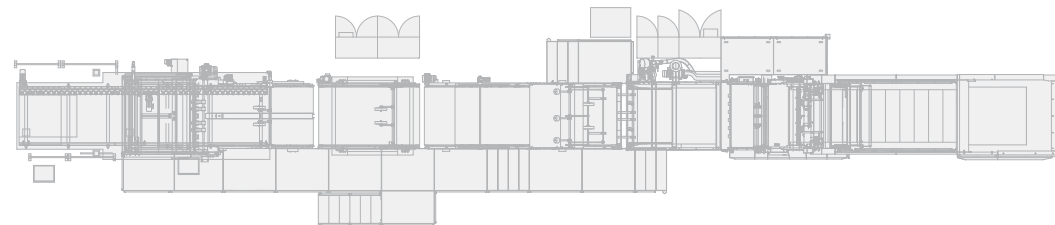
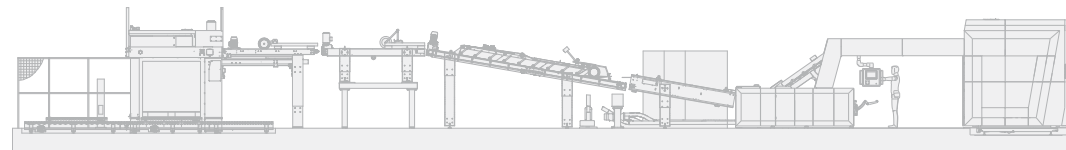
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- Matic Non-stop down stacker
- Stack carrier plate
- Safety devices and fencing



EXPERTSTAR

- Ejection
- Matic Non-stop down stacker
- Stacker carrier plate
- Safety devices and fencing



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Convertible stock

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Printed sheet base weight	180 / 500 gsm	37 / 102 lb/msf
Substrate single wall flutes	B / C / D / E / F / N	
Substrate double wall flutes	up to C / C	
Substrate caliber max.	10 mm	0.40 in
Substrate solid board base weight min.	380 gsm	78 lb/msf
Substrate solid board caliber min.	0.7 mm	0.028 in

Format sizes

Sheet size, max. L x W	1,650 x 1,650 mm	65 x 65 in
Sheet size, min.	500 x 500 mm	20 x 20 in

Speed

Production speed (s/h)	6,000	
Production speed	120 m/min	400 fpm

Sheet registration

System	Mechanical w/ side lay	
Register accuracy < 3,500 s/h	+/- 0.5 mm	+/- 0.02 in
Register accuracy > 3,500 s/h	+/- 1.0 mm	+/- 0.04 in

Glue unit

System:	Standard
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Specifications - 3D view

Left side view



Front view



Rear view




Right side view



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Maintaining excellence

Expert services for all your equipment.
Improve your processes, boost your productivity and enhance your expertise with a complete range of services from BOBST.



Maintenance Plus

- Scheduled maintenance with BOBST certified technicians
- Preventative intervention, maximizing machine uptime
- Optimum performance over the equipment lifetime

[> WATCH VIDEO](#)

Approved parts and logistics

- BOBST Original and Certified parts, and consumables
- Quality assurance, and extended maintenance intervals
- Worldwide distribution, and full availability where and when you need it

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Machine upgrades

- Additional features, configured for your machine
- Enhanced functionality, connectivity and capability
- Future-proofing your investment, maintaining competitive advantage

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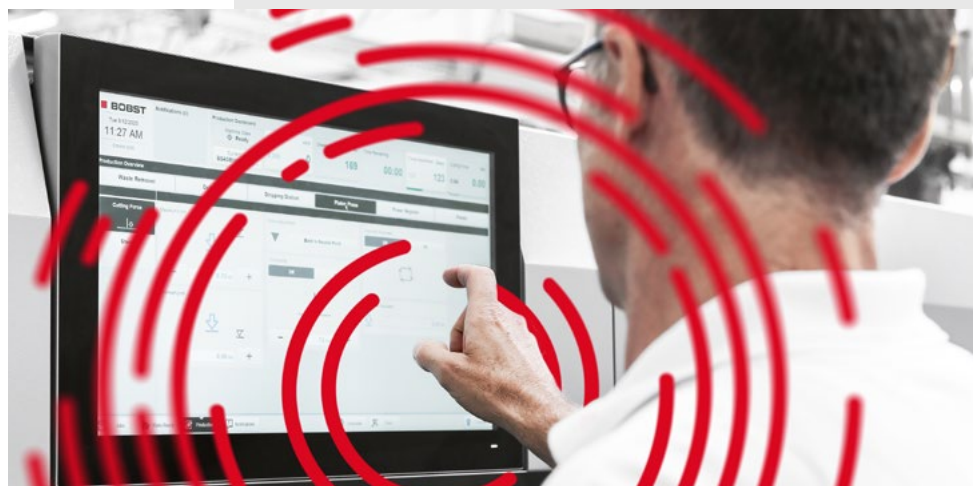
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Digital age manufacturing happening with BOBST Connect

BOBST Connect is an end-to-end, user-centric digital platform that enhances and increases your packaging productivity. It's designed to help you make the most of the data your machine generates, improving efficiency across your value chain.

As well as exceptional data insights, BOBST Connect helps to orchestrate and improve your whole production process, from your PDF to the finished product and quality report. It brings data and digital services together in one fully connected platform, with machine insights and expertise built in.

All of this is available to you as part of BOBST Connect Essential, the first subscription level that you receive when you purchase a new BOBST machine.



Performance analysis

- Production insights, including interaction of OEE components
- Identify and eliminate performance gaps

Accurate reporting

- Meaningful insights on OEE and downtime
- Accurately measure target speed and quality losses
- Trend analysis over time

Progress indicator

- Highlights extensive production deviations
- Empowers timely interventions

Remote assistance

- Priority access to technical specialists
- Video with Augmented Reality expert support based on real-time data
- Available 24/7 (optional)

Shift management

- Optimize planning time
- Deliver overall resource efficiency

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Enhancing output



CORRUGATED BOARD | DEVICE

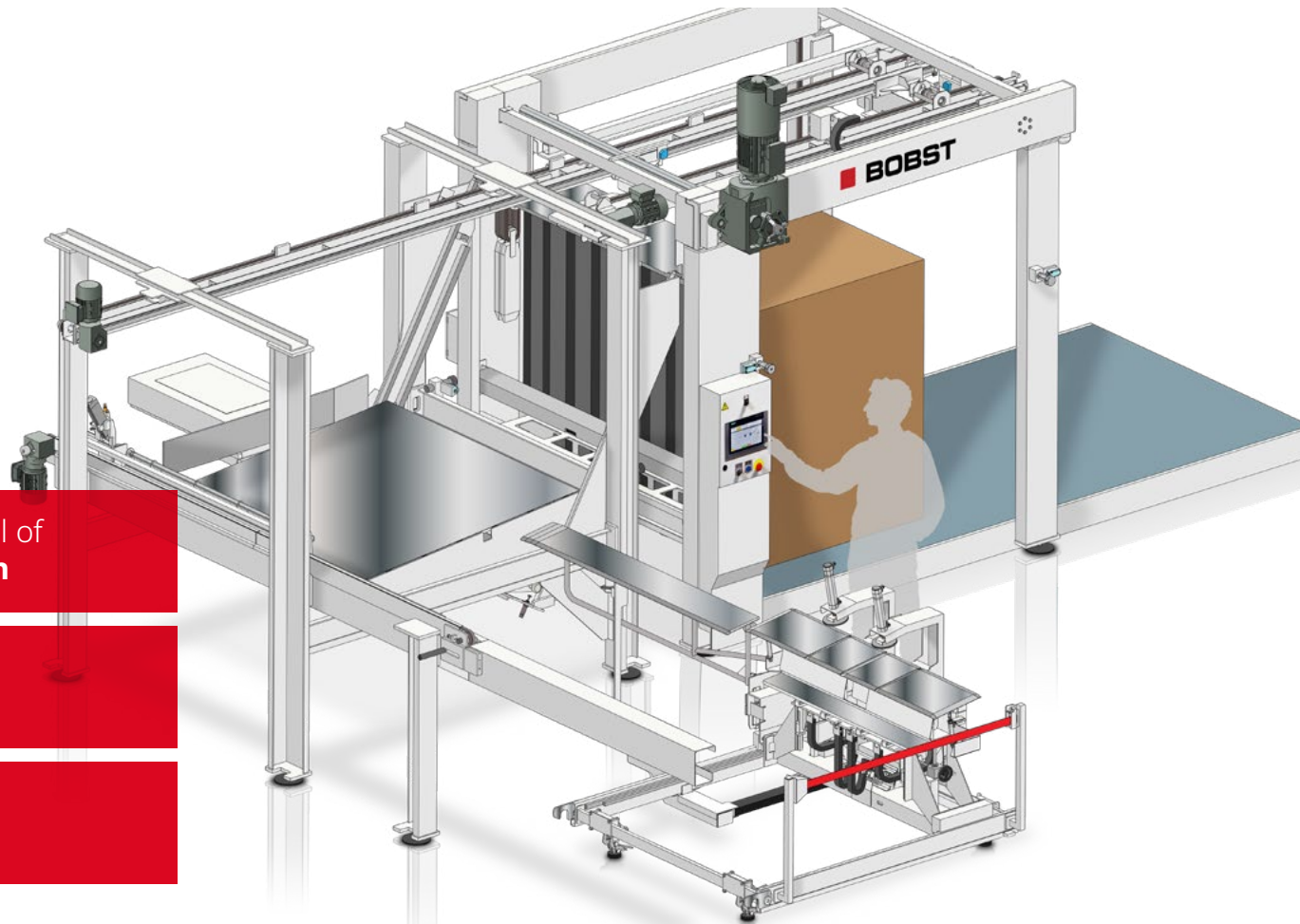
SINGLE FACE PREFEEDER

Unmatched performance

When only the highest productivity will do: the **SINGLE FACE PREFEEDER** can be set up in minutes and delivers efficient and reliable non-stop production of outstanding quality products. Elimination of manual labor
Full stack height single face stacks loaded

PREFEEDER

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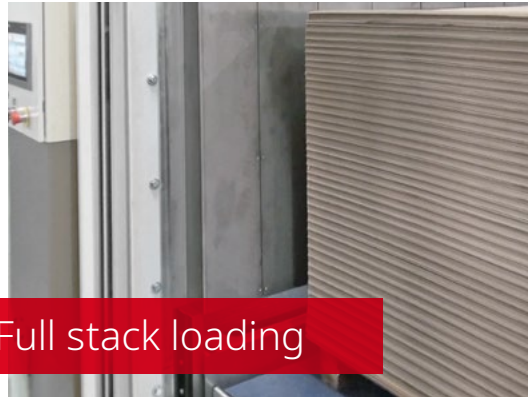
Highest level of
automation

Flexible
operation

Reliable
production

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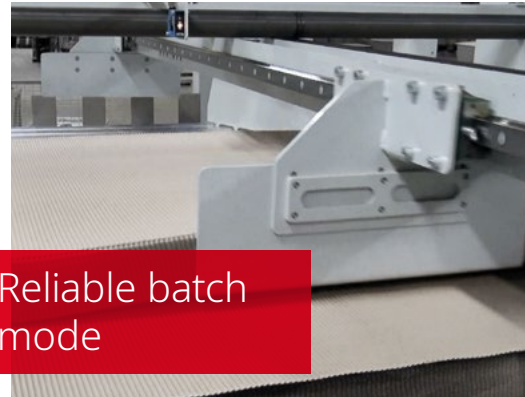
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Full stack loading

Stack feeder

- Loading of substrate stacks with or without pallets
- Optionally conveyORIZED solutions
- Optionally empty pallet discharge
- Free operator access secured by light guard



Reliable batch mode

Unique batch separator

- Simple and reliable design
- Automatic calculation of ideal batch height
- Flute independent



Batch transport

Batch elevator

- Guided batch transport
- Optimal batch quality
- Reliable transport

PREFEEDER

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No-crush transport

Lateral transport

- Unique finger system for batch hand-over
- No-crush design of clamping bar
- Secured batch quality
- Buffer / waiting position



Substrate batch feeding

Feeding robot system

- No-crush clamping / retracting
- MATIC stiffening device
- Retractable robot unit in case of manual feeding
- Level control of substrate feeder hopper



Intuitive control

Operator panel

- Full management by color Touchscreen
- Pre-setting of parameters
- Fully integrated interface with EXPERTSTAR or MASTERSTAR

PREFEEDER

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Specifications -Technical information

Convertible stock	PREFEEDER	
Bottom sheet format max (w x l)	1,650 x 1,850 mm	65 x 72.8 in
Bottom sheet format min (w x l)	500 x 700 mm	19.7 x 27.5 in
Maximum height of stack feeder*	2,050 mm	81 in
Caliper covered corrugated	C,B,E,F AND BE, BC, EE, EF	
Caliper opened corrugated	C,B,E AND BE, BC, EE, EF	
*including pallet		

Capability

Cycle time	28 sec	28 sec
Maximum package height	150 mm	6 in
Maximum package weight	35 kg	77 lb
Number of waiting places	2	2
E-flute	9,000 sh/hr	9,000 sh/hr
B-flute	5,400 sh/hr	5,400 sh/hr
BE-flute	3,500 sh/hr	3,500 sh/hr

Space requirements

(w x l x h)	6.8 x 6.0 x 3.6 m	268 x 236 x 142 in
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