

# Stacker Listo

The new stacker Listo is the high-performance element for bundle processing in the press delivery system. With a speed of up to 100,000 copies per hour, it processes perfectly stacked and layered bundles. It processes all current rotary printing press product sizes. The high-quality machine construction and intelligent control guarantee the careful production of first-class bundles. The stacker is built in a compact way and is moveable on casters – meaning that it can be expanded quickly and flexibly.



## For gravure and web offset products

The Listo is used for processing gravure and web offset products. After exiting from a press, bundles of trimmed and untrimmed stacked and layered print products are created inline and at full press speed, then stacked on pallets by an automatic palletizing system from Muller Martini. The Listo also works perfectly in offline trimming lines.

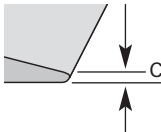
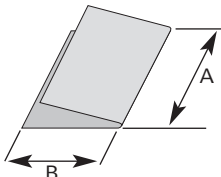
## Simple operation and intelligent control

The Listo is controlled by the HMI (Human Machine Interface). On the clearly laid out display, sizes and bundle make-ups can be set easily and quickly. It has a job management system. The production parameters can therefore be preset, stored, and retrieved if needed. Even fine adjustments made during bundle production can be saved, thus optimizing subsequent productions. The automatic Amrys (Automatic make ready system) presetting system on the turntable considerably reduces changeover times.

The Listo is simple to integrate into the higher level MACOS control unit. MACOS (Master Control System) visualizes the complete press delivery system graphically and is thus an interface to the press and the press delivery equipment. Optionally, MACOS can be used to create a connection to the internal network, for example with a Workflow Controller according to the CIP4 standard (JDF/JMF).

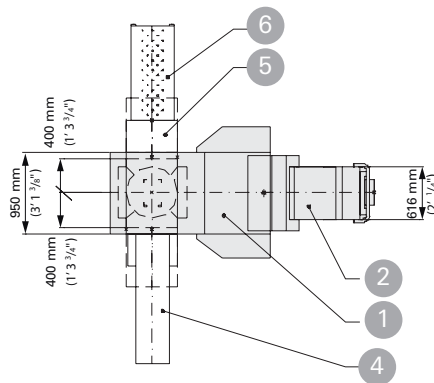
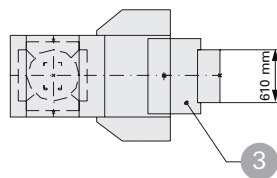
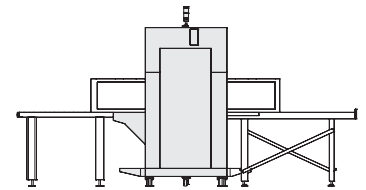
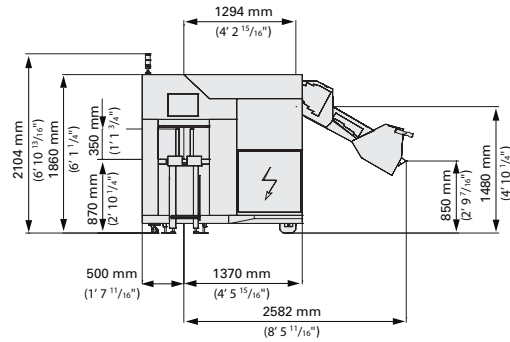
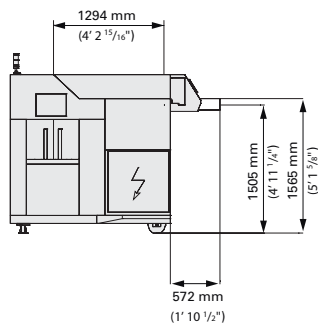
# Stacker Listo

## Technical Data

<b>Mechanical performance</b>		maximum	100,000 cycles/h
<b>Cycle time</b>		C 4 to 144 pages	
			
<b>Cycle time</b>		single-sided ejection	1.2 seconds at an ejection speed of 0.6 m/s
<b>Size range</b>		A maximum	500 mm (19 11/16")
		A minimum	148 mm (5 13/16")
		B maximum	340 mm (13 7/16")
		B minimum	105 mm (4 1/8")
<b>Layer bin height</b>		maximum	170 mm (6 11/16")
<b>Stack height</b>		maximum	350 mm (13 13/16")
<b>Shingle stream infeed</b>		divert gate stream pressing shingle stream aligning unit	
<b>Shingle</b>	lateral offset attachment	maximum	± 15 mm (5/8")
	shingle spacing	minimum	40 mm (1 5/8")
<b>Infeed speed</b>		maximum	1.2 m/s (47 1/4"/s)
<b>Electrical power requirement</b>		stacker	5.7 kW
		belt delivery (option)	0.25 kW
<b>Compressed air consumption</b>		6 bar	10 Nm³/h
<b>Weight</b>		approximately	1450 kg (3.200 lbs)

Subject to dimensional, construction and equipment changes.

- 1 Stacker Listo
- 2 Inlet conveyor
- 3 Horizontal inlet conveyor
- 4 Roller slide delivery
- 5 Belt delivery
- 6 Air table



# Listo

## Protective stack formation at full press speed



### Protective handling on the turntable

In the pre-stack unit, the products are supported by a linear guided fork. A layer lift transports the pre-stacked bundles to the turntable. The minimum product drop distance from the stack unit to the turntable unit guarantees perfectly centered and copy-specific layered and stacked bundles. Single and double production can be processed.



### aProtective batch pusher

With the new stacker pusher principle, bundles are conveyed by means of a servo driven, retractable pusher. This reduces cycle times and pushes bundles gently and reliably. The belt delivery is optionally fitted with lateral belts, which give additional protection until definitive attachment to stacks, for instance with either very light or slippery print products. Deliveries can be extended to the left or right. A roller slide delivery or a belt delivery with air table are possible.



### The benefits of the stacker Listo:

- ▶ Perfect stack quality
- ▶ Simple operation
- ▶ Exact product count
- ▶ Protective handling of products on the turntable
- ▶ Protective bundle pusher
- ▶ Low maintenance costs

Sales and Service

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