

palamides

mitra

Automatic sheet stacker



Automatic Sheet Stacker



The picture shows the **mitra700 Automatic Sheet Stacker**.

The mobile delivery can be lined up with any production line for single sheets, dies, blanks etc. – even for multiple up production. Up to 4 parallel streams of flat sheets can be handled by the **mitra704**.

The mitra accepts shingle streams alternatively single sheet production. After spreading the streams the mitra counts the sheets and stacks them to perfect blocks. As well dies with individual shapes can be stacked perfectly. By reaching the selected quantity, the stacks will be pressed to remove the air and delivered into running direction.

A big buffer table provides the stacks to be removed comfortably by an operator or can be processed automatically onto a conveyor belt for further treatments. As an option the stack change can be triggered by a barcode, by a printmark or even by an external signal to be able separating the production precisely for book block count etc.

With the mitra you have the perfect solution in automated handling for all kinds of productions like vertical cutters, die cutters etc. even at high speed!

Advantages



Perfect stacks of paper, cardboard, dies, blanks

Effective:

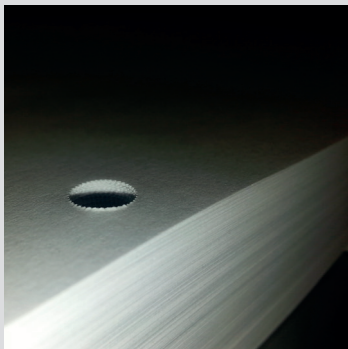
- Saves costs by automizing the delivery process.
- Perfect jogged stacks will be delivered onto a large buffer table.

Integrable:

- Inline production with digital printing machine possible (stacks can be delivered inline i.e. into a perfect binder...)
- Infeed height adjustable (electrically)

Flexible:

- Version or book block separation via barcode, printmark or counter.
- Automatic set up in running direction.
- Mobile – can be used behind different machines.



- **Special devices to be able to stack difficult products like hole punched formulators**



- **Precision shingle separation via barcode, counter or external signal**



- **Big product buffer on ergonomic height for up to 6 product streams**

Standard equipment and options

Serial equipment:

- Output buffer 150cm (62") for a large quantity of stacks
- Machine control with touchscreen and clear user interface.
- Mobile
- Precision shingle stream separation
- Standard interface with preparation for stop connection
- Antistatic device for perfect stacking
- 1 or 2 up production
- Automatic format adjustment in running direction
- Shape Jogger
- Automatic speed following device (speed information has to be provided by the producing line)
- Satellite user panel at infeed to ease set up
- Operation possible from left and right
- Manual cycle activation
- Back blow device for improved stacking quality
- Manual ejection of waste sheets

Options:

- Barcode reader to trigger stack change individually
- Single sheet production - to run the machine instead of a shingle infeed with single production
- Upgrade to be able to run 4 or 6 up production
- Laser counter for shingle stream
- Panorama mirror to be able to control the production from a certain distance

To be used:

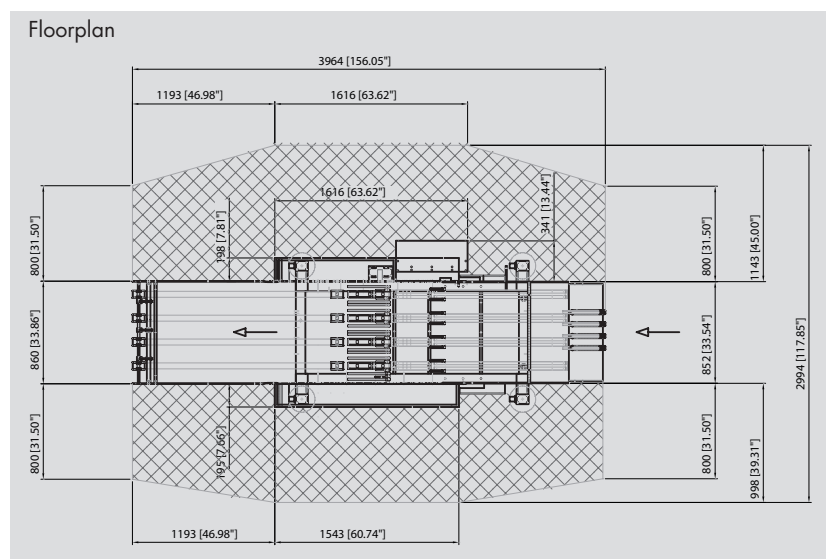
- vertical cutters
- digital printing machines
- printing machines
- die cutters
- rotary cutters
- label production
- book on demand production

Versions and Technical data

		Infeed width	Infeed length
mitra500	Max. format	510mm (20")	356mm (14")
	Min. format	120mm (4 3/4")	120mm (4 3/4")

		Infeed width	Infeed length
mitra700	Max. format	760mm (30")	356mm (14")
	Min. format	120mm (4 3/4")	120mm (4 3/4")

Max. stack height	200 mm (7 3/4")
min. stack height	2 mm (1/16")
Infeed height	750 - 950mm (29 1/2" - 37 1/2")
Performance	max. 800 stacks/h
Speed	16A, 400/230V, 3,5 kW
Compressed air	6 bar, 50l/min, dry air.



Similar solutions:

- Pharma 704 for Pharmaceutical prefold
- Automatic delivery delta for folders and stitchers

For further information and video please visit www.palamides.com

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