



Perfection. Competence. Requirement.

*Technology, that counts for itself.  
Profitable conjunction with Hang.*

## Flexible high speed inline paper drilling machine

### Model 245-10/30

up to 2000 piles per hour

### Description

The Hang 245-10 high speed inline drilling machine is not just one of the fastest drills on the market, its well build construction and precise performance sets it apart from the competition.

The dynamic servo drive technology for the drill heads is the result for an optimal production output.

Separate stroke speeds for the up and down movement of the drill heads, plus a “soft touch” feature for gentle drilling into the top product create a high speed but smooth application. Another significant advantage of the drilling head servo drive is the fine adjustment of the drilling depth which will precisely move the drill head in 0.0039” steps lower.

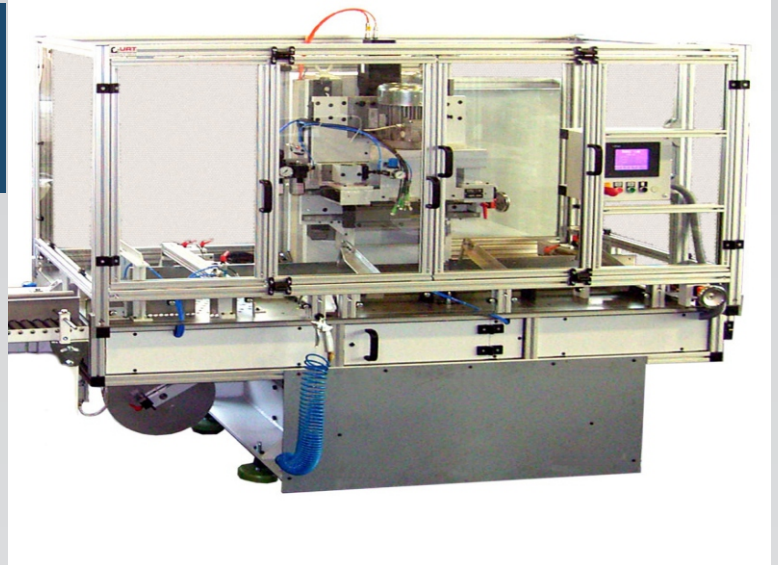
Outstanding variability of the machine allows you to set the initial starting position of the drilling heads to the individual pile height which eliminates idle running of the drills and increase productivity.

The drill bit rotation speed is also variable and can be set individual from the stroke in and out of the product.

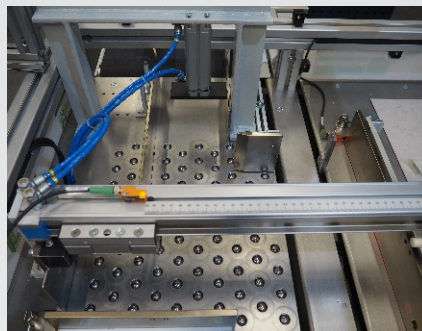
The feeding of the piles is also realized with the dynamic servo motor drive in order to achieve high transportation speed while maintaining smooth and exact positioning at the same time.

Important format sizes and servo motor settings can easily be saved into the touch screen monitor for faster make-ready.

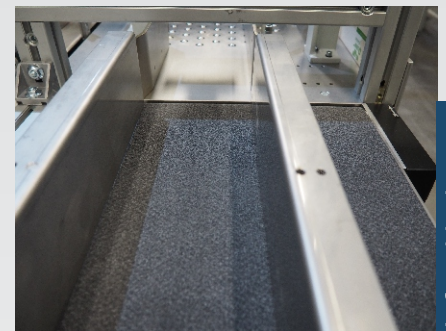
The machine can be built with either a left- or right infeed and comes on castings in order to easily move it around for possible offline production as well.



Drill heads



Infeed pusher



Infeed belt(option)

As one of the global leading manufacturer of fastening technique and paper drilling equipment **Hang** is offering proven riveting solutions and paper drilling machines. **Hang** is a worldwide name for extremely powerful and progressive fastening technology - for over 100 years.

**Print Finishing Partners** is the exclusive agent for **Hang** in North America.

## Configuration

The 245-10 has proven itself on the market for many years and Hang continuously develops new enhancements in order to keep up with today's demands.

Newest additions are direct tangential drive chain for simple adjustment and replacement of drilling heads.

New larger silicone reservoir that can be filled from the outside of the machine and therefore won't interrupt the production.

New PLC and VPN capable remote connection in order to meet today's technology.

Lighting in the operator area and electrical cabinet for better visibility.

Other proven configurations that already came with the 245-10 are two transport pushers which guarantee smooth trouble free and fast transport of the piles.

The Quick-action chuck for fast and easy exchange of drill bits.

Special mounting gauge allows the drill heads to be installed to the desired drilling matrix. No more measuring or correcting of the drill head spacing. The gauge can be removed easily without tools.

Extremely quick set up time using hand wheels and digital displays due to quick size adjustments.

Silicone cooling for lubrication and cooling of drill bits.

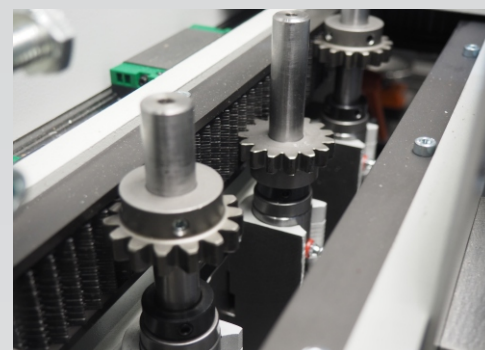
Drill breakage control and automatic indexing drilling matrix to protect drill bits and assure a clean cut of the bottom sheets.



Human Interface

### Technical data

drill diameter Ø :	0.118" - 0.551"
hole spacing:	1.417" - 12.205"
maximum pile height: :	up to 3"
drill length:	1.575" - 3.149"
drilling stroke:	step less
adjustable drill speed:	150 - 2200 U/min.
adjustable stroke speed:	0.197" - 3.149" /sec
number of drilling heads:	up to 9 heads
smallest paper format:	4.134" x 5.827"
largest paper format:	8.661" - 12.992"
edge distance:	0.197" - 1.575"
energy supply:	3ph. 220 Volt, 50/60 Hz., 5.5kW
connected load:	approx. 5,5 kW
Compressed air supply:	approx. 76cfm at 90psi approx. 21cfm at 43psi with cooling systems per drill head



Tangential chain drive



Drill head with mounting gauge

### Additional Hang items

- Drill bits
- Cardboard reels



### Options

- Automatic indexing drilling matrix ( paper board ), 300m long, protects drill bits and assures a clean cut of the bottom sheets.
- Automatic lubrication and cooling system. The silicone based spray does not show residues on the paper and does not drip.
- Drill breakage control.
- Model 245/30 with infeed on the right side feeding products to the left side.
- Drill bit sharpener
- Infeed and delivery conveyor