



HEBBECKER

SCREENPRINTING MACHINES LEADING THE WAY

Made in Germany

Advantages

of **HEBBECKER** printing carousels

- ⇒ **comfort, precision, easy to operate...**
The genesis of an exceptional machine-conception.
- ⇒ **Our new machines** are produced with high-tech laser cutting technology. The Software-program of our designing-engineers is corresponding with the Laser-cutting center. There is no working-step between.
- ⇒ Our suppliers are close to our Company.

The new machines are designed in consideration of the following points:

- ⇒ **easy to handle**
more and more printers have staff that is not educated in printing, because uneducated staff is less expensive
- ⇒ **excellent comfort**
because there are more possibilities to adjust the machine fast and less expensive
- ⇒ **liftable** print-cylinders (ALPHA-LINE)
Free view for setting up the screens and comfortable ink-filling
- ⇒ **tool/screw-free** pallet-fixation, pallets slidable +/- 10cm
- ⇒ **central electronic off**-contact adjustable on the touch-screen
- ⇒ **quick set-up**
The printers have to be flexible, and to be in a position to change from one print-job into another within a very short time, to save costs and to reach at least a high production effectivity.
- ⇒ **very precise spindle-driven squeegee-movement** –
on other brands the standard-movement is pneumatic or the electric one is driven by a belt which has to be adjusted from time to time.
- ⇒ **The pallets** are driven by an electronic controlled gear with a high flexibility of movements and a high dynamic: Single index - double index, half index, stop between the stations, warm-up-program, cool-stop, left/right hand drive. In our machines we are using German gear - drive technology with vast experience. Gear-wheels with milled teeth straight toothed. Consistent quality and innovation is guaranteed. The frequency controlled gear drive motor is a high-precise unit of German Origin with an excellent reputation in gear-drive technology.
- ⇒ **All stations are free**, we don't need supporting arms in the front of the print-station to stabilize it as other brands have to do it.
- ⇒ **For your safety**
Photo-eye in the unload/loading area
pallet-stop within 3 milliseconds



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- you **never waste** a shirt – while you are in the loading area the pallets cannot move. (option: No-shirt optic)
- **high-precise** +/- 0,025 mm and very rigid construction. The true-running tolerance of all the pallets is adjusted to 0,2 mm
- **4-Cylinder POWER-Chopper-Squeegees:**
Two individual adjustable pressure-regulators for the Squeegee-contact pressure of the floodsqueegee and printsqueegee.
Easy to handle with only one position to adjust the squeegee-pressure
Automatic balancing of unevenness of the textiles or pallets:
Doesn't matter if you print on thin or thick textiles, the squeegee-pressure will be always the same - it is not necessary to correct. The contact-pressure is directly readable on the pressure gauge. Easy to re-adjust for a repeated order.
- **The Squeegee-stroke**-distance is individually adjustable. The setting of the stop-points for the forward- and backward squeegee is easy to do with slideable magnets. The printstations are without interfere bars, the visibility into the station is very good and comfortable for the printer.
- **individual off-contact and** electronic central off-contact
- **11 printing programmes** incl. high density + sampling + start + finish-programm
- Flash Cures**
 - the HEBBECKER flash cures can be easily fitted into any print-station or can be stand at a free station
 - no adapters or printing frames are necessary.
 - **Automatic Quartz-flashcure MAGIC 7025** - state of the art technology
Medium-wave IR-radiators
for extremely fast drying of water based, Rubber, Silicon – and Plastisol-inks with no shrinkage of the substrate. Ventilators for using water-based- and Rubber-inks. In this moment, when the pallets are turning the flash is on and if the pallet is in position the flash starts immediately - there is no waste of time- with IR-Pyrometer which measures permanently and automatically the preset temperature on the textile and/or the ink.
Thus a constant temperature is guaranteed during the entire duration of printing.
Harmless to the textile, no more overheated textiles and pallets
 - The distance between pallet and lamps are always the same - the pallets are not lifting up and down like with the M&R or MHM presses. With the TAS/M&R if your machine has 16 pallets, you need 14 print-heads because the flashes from TAS/M&R need a print-station to hold it and to slide it in and out. The cheap longwave-TAS/M&R flash is reacting very slow if you adjust a different temperature. Also the pallets will be overheated very soon. This you can avoid with our flashes.
- All of our machines are built much more stronger than other machines.

With our **HEBBECKER Printing Carousels** you are sure for a trouble-free production with high preciseness for many years. This we guarantee you 100%