

COSMOTEX we are specialists in spreading, ironing, screen printing and washing machines for textile industry.



## Oval Screen Printing Machine

Model

# COSMOTEX printing machine BARCELONA

BETTER QUALITY

BETTER EFFICIENCY

MORE PRODUCTIVITY



LEVELING

**PALLET AUTOMATIC LEVELLING SYSTEM**, in height and horizontal. It permits to print several levels very accurate.



INTELLIGENCE

**PRODUCTON MANAGEMENT SOFTWARE**: it assures the repeatability of the process.



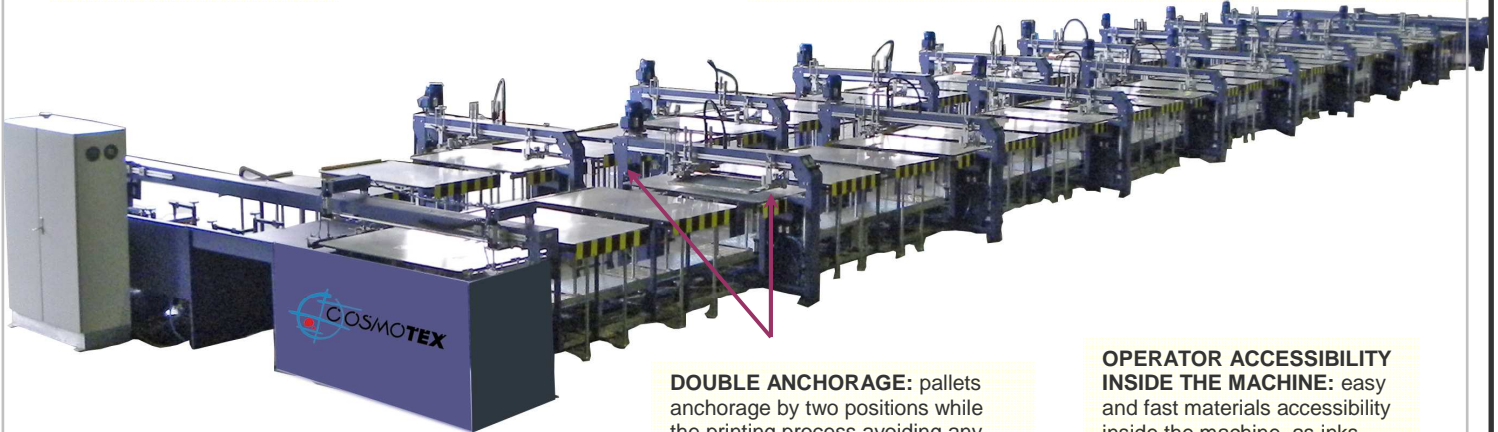
SUPERVISION

**SUPERVISION: SINGLE OPERATOR** walking for central machine corridor, can check both sides pallets. Easy mistake detection with fast machine stop, which permits to reduce 80% the damaged items.



PIECE PLACEMENT

**PIECE PLACEMENT**: fast, wrinkle free and easy piece placement with two operators. With less than 3 seconds you can locate 1,00mts x 1,20mts piece.



**DOUBLE ANCHORAGE**: pallets anchorage by two positions while the printing process avoiding any vibration and assuring precision of +- 0,02mm

**OPERATOR ACCESSIBILITY INSIDE THE MACHINE**: easy and fast materials accessibility inside the machine, as inks, garments, screens, and so on. Decrease the preparation time.

QR CODE



**EASY CLEANING THE SCREENS**: 40cm height the printing heads for easy operators accessibility. Prevents operator fatigue and improve the productivity.



CLEANING



ACCESSIBILITY

## BENEFITS

- Best machine for large printing pieces. Best accessibility for pieces location, process supervision and pallets and screen cleaning.
- Squeegee pressure, speed and inclination are constant and controlled by the machine
- Printing accuracy up to 0,02mm
- Less cost level (high productivity machine with only 3 to 5 operators). Self pallets cleaning option and pieces external location which improve the productivity.
- Repetitively (regularity), same quality of printing neither depending nor printing difficulty, printing size, number of pieces to be done.
- Excellent for specific works as FULL PRINT.

## FUNCTIONS

- Highly versatile. Each printing head is completely independent and can be individually programmed.
- Electric squeegee run. Provides greater uniformity and sharpness.
- Off-contact regulation.
- Easy programming and program store with the digital touch screen.
- Pallet automatic levelling system: pallets are automatically identically levelled in height and in horizontal achieving a perfect printing accuracy  $\pm 0,05\text{mm}$ .
- The working pressure of each squeegee can be adjusted independently.
- Self-aligning and tilt-adjustable squeegees.
- Digital control of squeegee speed: from 0.15 to 1.5 m/sec.
- Double centring device located on each head for greater fitting precision.
- Extremely accurate micrometric system that facilitates design changes and fitting.
- Innovative system of pallets free, easy to change in seconds without tools.
- Easy cleaning the screens: 400mm height the printing heads for easy operators accessibility. Prevents operator fatigue and improve the productivity.
- Intermediate areas for pre-drying.
- Pallets sizes from 70x90cm to 110x160cm. Higher measures under requirement.



Operators can easily access to any part of the machine at any time. Consequently makes easier the garments placement process, the printing inspection and the machine cleaning process, improving the printing quality and the productivity.