

CENTURIAN AUTOMATIC TEXTILE PRINTER



American  M&M
The Printer's *Choice*

Centurian Automatic Textile Printer

**The finest textile screen
printing production system
ever built. Period.**

**Centurian 36 x 22" image area
handles pants, XX and XXX
shirts with ease. The 1236
Centurian prints 5 all-over & 5
spot prints in-line, while the
1636 size can print 7 all-over
& 7 spot prints in-line.**

Available Sizes:

- 22 x 18" (56 x 46 cm) image area.
- 27 x 22" (69 x 56 cm) image area.
- 36 x 24" (91 x 56 cm) image area.

All sizes available in up to 14 colors,
on a 16 station indexer.

American M&M's **Centurian™** Automatic combines the latest electronic technology into the finest, high speed textile printer available today. Built for versatility and excellent, all-around performance with a standard speed of 75 dozen garments per hour, **Centurian** incorporates over 20 state-of-the-art features for the ultimate in operator convenience and print quality.

Centurian's PLC Controller with compatible **Touch-Screen** Interface ensures maximum control throughout your operation. This central programming station utilizes multiple screen menus which list press commands in simple language rather than awkward numeric or alpha codes. Each menu offers the choice of operation control, production data feedback, or diagnostic troubleshooting. With over 200 menus accessible, software upgrades are available.

To ensure the highest print quality, electro-mechanical indexer and carriage drives provide consistent print/flood cycling for smooth results from front to back. **Centurian's** lock-in heads and pallet-tip supports guarantee even print pressure over the entire image (regardless of size) for zero pallet deflection, assuring of even tone throughout the print stroke. Competitive systems without such features cannot make this claim.

Centurian's pneumatic locking fork maintains $\pm .001$ registration repeatability. Plus, with rugged frame construction and solid state engineering, required maintenance is minimized.

To ease set up, **Centurian** offers a special production/setup mode which permits indexer operation from any print station. Front-loading screens and unobstructed visibility allow for quick registration and job changeover. Freewheeling mode permits manual indexer rotation. Each print head is equipped with an 18" high-lift for easy screen cleaning.

No other printing system is capable of handling a wider variety of production demands. With the addition of the **Perimeter "All-Over" Pallet System** to your **Centurian**, you can print high quality, process color registration on one side of the garment (including sleeves)... in a single pass.

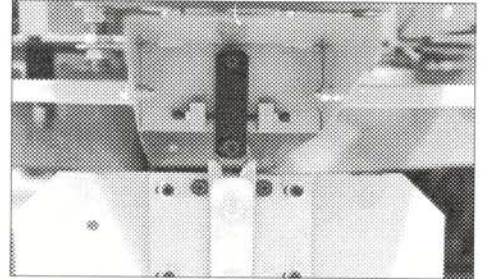
No matter the job...**Centurian** is the right choice!



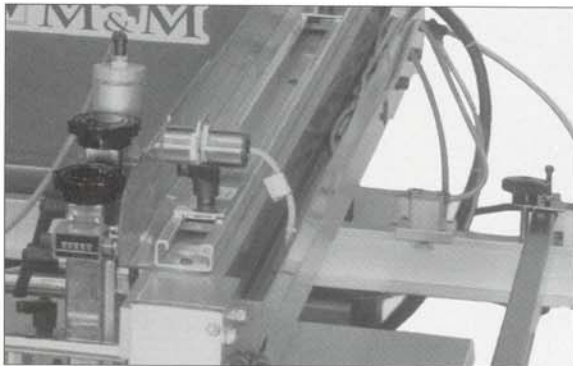
American  M&M
Screen Printing Equipment



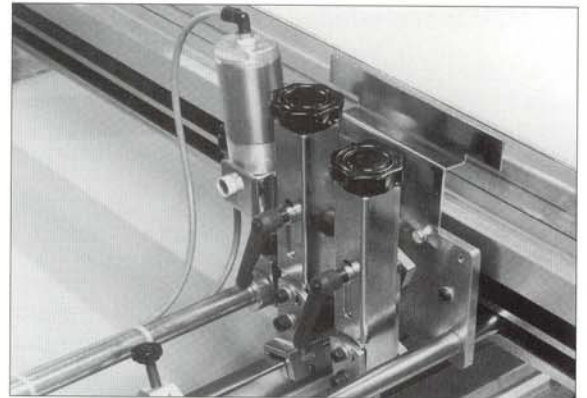
Electro-mechanical drive systems provide smooth print/flood strokes despite image size.



Pneumatic indexer locking fork provides $\pm .001$ " registration repeatability.



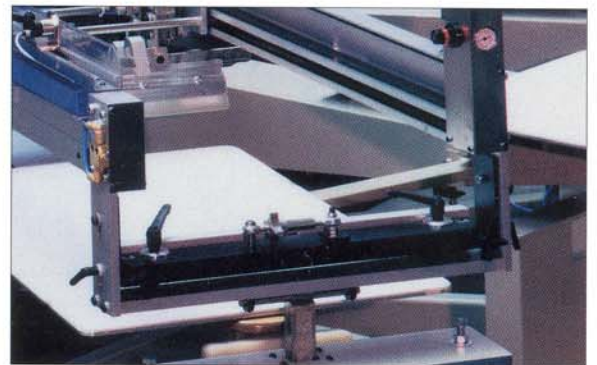
Stroke Length Sensors: Locate stroke length anywhere within the print area by adjustable slides.



Squeegizer: Air controlled squeegee system automatically maintains uniform print pressure across the entire squeegee length and throughout the print stroke.



State-of-the-Art PLC Controller features on-line production and troubleshooting data.



Lock-in heads and pallet tip supports ensure even tone coverage from front-to-back. Ideal for four color process.

