

American AM-180

Screen Printer for Three-Dimensional Objects





*Shown with optional
touchscreen controls*




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American AM-180

The World's Most Versatile Cylindrical Printer

ADVANTAGES

- All-mechanical print head for stable operation
- Carriage-locking mechanism provides sharp, accurate results
- Micro-adjustable frame ensures precise registration
- Remote Diagnostics significantly reduce down time
- Heavy-duty base and frame reduce vibration and ensure long press life
- Can be used for multi-color printing on three-dimensional objects
- Optional roller attachments turn cylindrical objects
- More than 25 optional attachments for an extensive range of printing applications

The American AM-180™ from AWT is a compact, easy-to-use, semi-automatic screen printer for printing on a wide range of three-dimensional objects. Effectively utilizing an extensive assortment of tooling and standard attachments, the AM-180 delivers high-quality results when printing on cylindrical, spherical, elliptical, conical, and tubular items, as well as flat surfaces.

Available with optional touch screen controls and laser registration, the AM-180 remains one of the world's most popular presses for three-dimensional objects. The touchscreen allows users to set, adjust, monitor, and control all important process parameters with precision and ease.

Synchronization of the rotation of the object with the movement of the screen and the squeegee results in a consistently sharp image with ultra-precise registration. The AM-180's carriage-locking mechanism and close-tolerance linear bearings ensure accurate printing results, from the first stroke to the last.

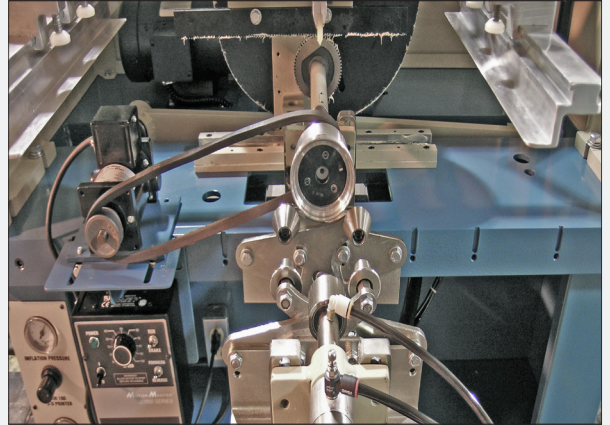
With hundreds of AM-180s in operation around the world, and an unsurpassed reputation for ease of use and reliability, these versatile and durable screen printing machines are truly "The Printer's Choice".

ACCURATE • VERSATILE • RELIABLE

Print on glasses and cups, bottles and pails, pens and markers, and more

Standard Features

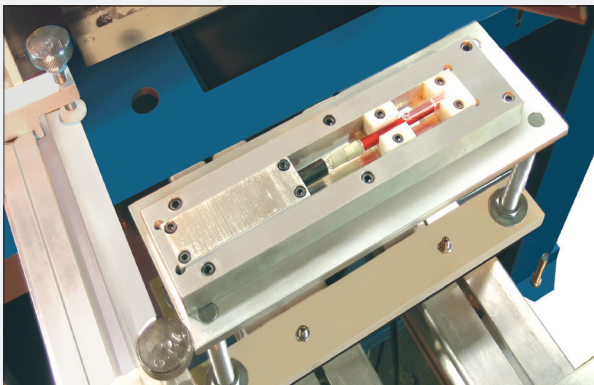
- All-mechanical print head
- Vertical screen lift
- Solid-state controls
- Modified harmonic cam movement
- Carriage-locking mechanism
- Close-tolerance linear bearings
- Heavy-duty base and frame
- Foot pedal controller
- Squeegee adjustment
- Stroke-length controls
- Variable speed control
- Multi-color printing on three-dimensional objects



The AM-180 sets up for automatic multi-color printing.



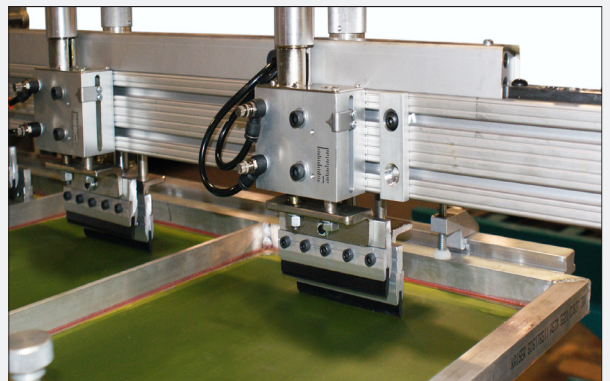
The universal wareholder rolls cylindrical objects. Shown with optional mandrel attachment.



Print on small, cylindrical objects such as pens and pencils.



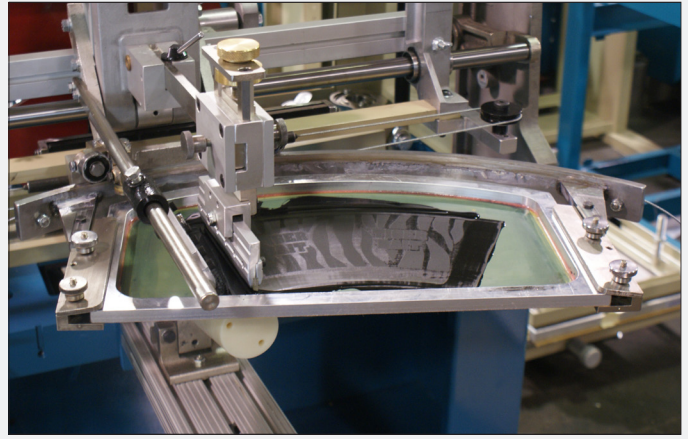
Optional, up-front pressure gauges show both air and inflation pressures.



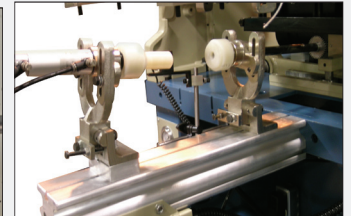
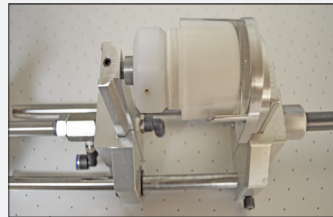
The AM-180 is easily customized for your specific application.

Options & Accessories

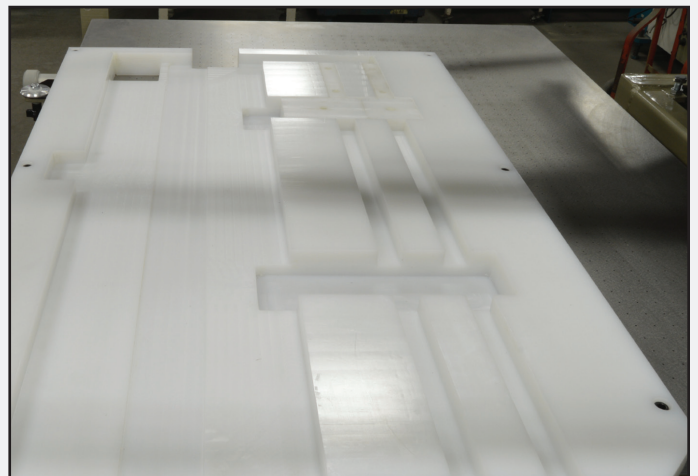
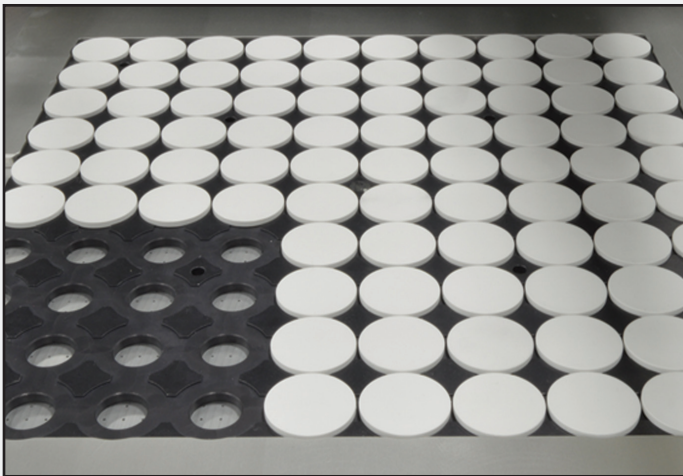
- Interactive touchscreen controls
- Laser registration
- More than 25 available attachments for printing on three-dimensional objects
- Micro-registration frame holder
- Squeegee and floodbar chopper assembly upgrade
- Steel or laser visual registration pointer
- Universal roller wareholder with steel or nylon rollers
- Automatic registration device
- Air inflation device
- Lowering brackets
- Double- and triple-stroke adaptors
- Single- and multi-color back chucks and drives
- Variety of mandrel, oval, and conical attachments
- Automatic turntable for printing flat items with outside feed
- Custom tooling and attachments available; call for more information



Optional conical attachment for tapered cylinders.



Oval rocker assembly and expandable mandrel also available as options.



Custom tooling also available - for every conceivable application.

SPECIFICATIONS

CATALOG NO.	STANDARD	PRINT SPEED	DIMENSIONS	ELECTRICAL
AM-180	12" print stroke	200 to 1,500 iph	25 x 45 x 57" (64 x 114 x 145 cm)	120V, 1Ph, 60Hz - 6A