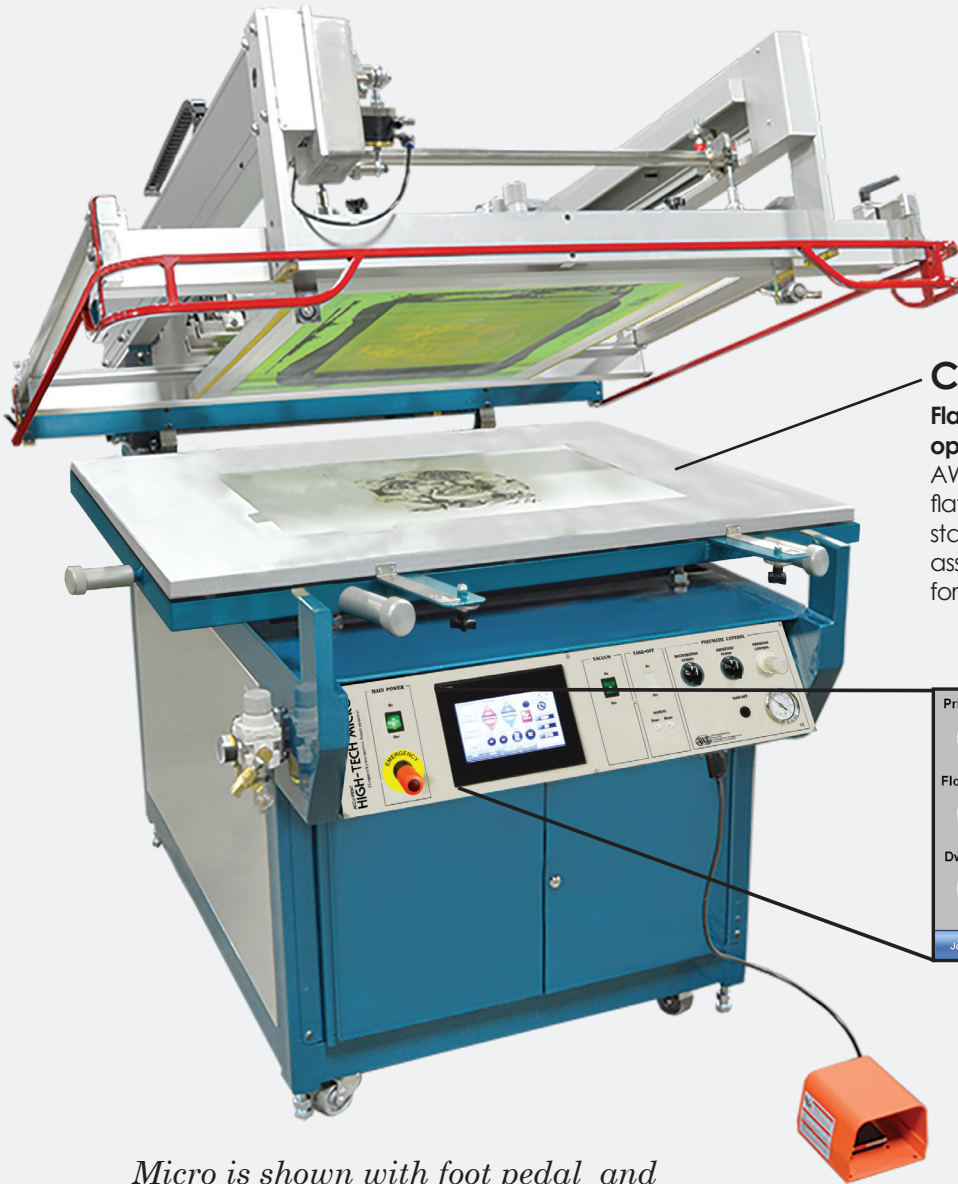


ACCU-PRINT

# HIGH-TECH MICRO™

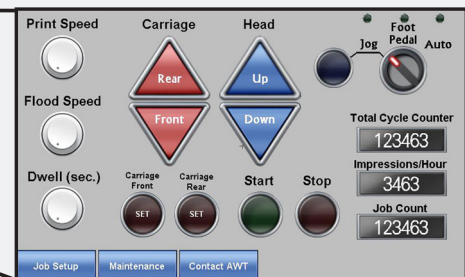
Small-Format, Graphics Flatbed Screen Printer  
with Remote Diagnostic System



## CERTIFIED FLAT VACUUM TABLES

Flatness ensures a uniform ink deposit for optimal image quality

AWT World Trade, Inc. produces the world's flattest vacuum tables, manufactured using state-of-the-art technology and processes to assure verifiable flatness, and exclusively certified for flatness.



*Micro is shown with foot pedal and optional touchscreen controls*



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# ACCU-PRINT HIGH-TECH MICRO™

## Small-Format, Graphics Flatbed Screen Printer with Remote Diagnostic System

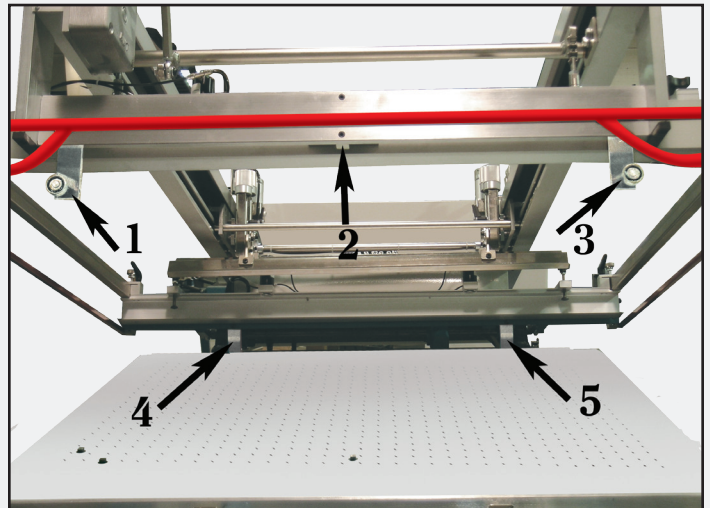
### ADVANTAGES

- Internet-based Remote Diagnostics with direct link saving you costs of any future service calls
- Up-front Stroke Adjustment - computer-controlled through touchscreen
- Drop-down masterframe for easy setup and cleaning
- Consistent quality – tightest repeatable registration tolerances guarantee superior results
- Proven reliable design – PLC-controlled clamshell action for long-lasting operation
- Smooth stroke – dedicated motor-driven systems ensure vibration-free print cycling
- Flexibility and convenience – universal masterframe accepts most frame types and disengages easily for fast cleanup
- Safety – four-point wraparound safety bar protects operator on all sides
- Overbuilt for extreme longevity

Whether you are in the popular signage industry or specialize in manufacturing and marketing support, the Accu-Print High-Tech Micro™ is a proven performer for small-format graphics producers. Yielding outstanding results with hundreds of substrates, the High-Tech Micro delivers up to 900 pieces per hour while maintaining consistent image quality.



**Exclusive upfront peel system gives operator quick and convenient control of peel rate setting.**



**Five-point masterframe lock-in: Ensures critical registration for multicolor printing. Wraparound safety bar (in red) protects press operator.**

Originally developed in response to demand for high-performance in a small-format press, the High-Tech Micro features the same operating advantages you'll find throughout our entire High-Tech series, but that's only part of the reason the Micro has become our most popular model.

Designed for ease of use and consistent output, this computer-controlled flatbed printer is known for its quiet dependability. In addition to the standard three-point micro-registration system, a five-point masterframe lock-in print head with industrial bearing head lock ensures the tightest repeatable registration tolerances. This system is so accurate, art reproduction houses use it successfully for multicolor, halftone and four-color process printing. Independent headlift and carriage drives ensure smooth cycling, as does the heavy-duty, industrial bearing print carriage.

For convenience and flexibility, the universal masterframe holds any frame and disengages easily for quick changeovers and cleaning. All High-Tech Micros feature Stay-Flat™ vacuum tables for superior substrate holddown, and come standard with our patented Remote Diagnostics System for instant worldwide service.

Smooth, solid, and built for speed, the High-Tech Micro combines reliability and high performance in a compact, cost-saving machine.

A Company with  
proven experience.



AWT  
World Trade Inc.

Products  
you can trust.

# Performance. Reliability. Durability.

*High-quality, consistent results again and again.*

## CERTIFIED-FLAT VACUUM TABLES FROM AWT

*Flatness ensures a uniform ink deposit for optimal image quality*

AWT World Trade, Inc. produces the world's flattest vacuum tables, manufactured using state-of-the-art technology and processes to assure verifiable flatness, and exclusively certified for flatness.

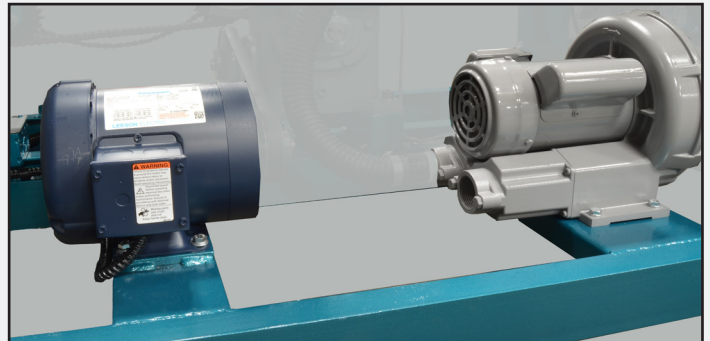
Print surface flatness is one of the most overlooked parameters in the selection of a screen printing press, but it is arguably more important to print quality than numerous more

familiar features. Flatness facilitates uniform squeegee pressure, ensuring a uniform ink deposit across the entire print area and eliminating thickness and color variations in the printed image.

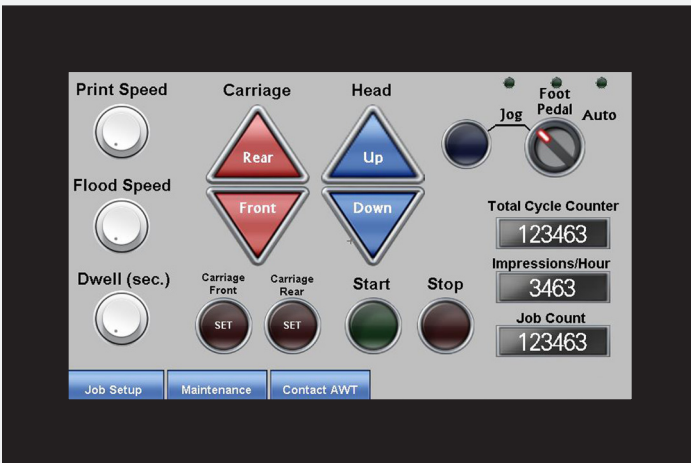
AWT's exclusive Flatness Certification means you can be confident about the integrity of your print surface and the quality of your prints.



Up-front Stroke Adjustment is computer-controlled through the main control panel or optional touchscreen.



Below the surface: A brushless vacuum motor, the quietest in the industry, and an independent headlift drive keep noise and vibration to a minimum.



The touchscreen allows the operator to control a variety of functions such as print and flood speeds, carriage and print head position and cycle counts, with a simple touch.



Remote Diagnostics System PLC provides a direct link to A.W.T., making quick identification and correction of malfunction sources. With this feature, many onsite service calls can be eliminated.





## Standard Features

- Remote Diagnostics for instant service access
- Five-point masterframe/print head lock-in
- X-Y-Z micro-registration system
- Independent headlift and print carriage drives
- Universal masterframe
- Upfront, adjustable peel system
- Exclusive up-front stroke adjustment
- Sliding front pneumatic frame clamps
- Four-point off contact control
- Independent squeegee and floodbar speeds
- Front or rear carriage stop mode
- Squeegee and floodbar angle adjustments
- Heavy-duty, belt-drive, sealed industrial bearing print carriage
- Sliding front and rear frame clamps
- "0" off-contact capability
- Stay-Flat™ all-aluminum vacuum table
- Heavy-duty, welded tubular-steel chassis
- Quiet, brushless, maintenance-free vacuum motor
- Wraparound safety bar
- Options & Accessories
- 220V, 50 and 60Hz models available
- Spare parts package

## Air Specifications

100 psi, 4 cfm

25 cfm, 3 hp compressor required for takeoff operation.

## Electrical Specifications

Standard on all models: 115V, 1PH, 60Hz

220V, 1PH, 50Hz models available

## Options & Accessories

- Accu-Lift™ Takeoff systems
- Parallel peel
- Manual vacuum table airflow adjustment
- Disappearing registration guides
- Pneumatic squeegee/floodbar "U" clamps
- Sliding rear pneumatic clamps
- Stainless-steel vacuum tabletop
- Extended remote diagnostics package
- Spare parts package
- 50 Hz conversion

*Many more options available*

## Specifications

CATALOG NUMBER	MAXIMUM PRINT AREA	MAXIMUM FRAME O.D.	MINIMUM FRAME O.D.	MAXIMUM PRINT THICKNESS	MAXIMUM CYCLE SPEED	AMPS
APTH-1626M	16 x 26" (41 x 66cm)	36 x 41" (91 x 104cm)	12 x 18" (30 x 46cm)	1" (2.54cm)	Up to 900iph*	15
APTH-2230M	22 x 30" (56 x 76cm)	45 x 45" (114 x 114cm)	12 x 18" (30 x 46cm)	1" (2.54cm)	Up to 900iph*	15
APTH-2538M	25 x 38" (64 x 97cm)	46 x 53" (117 x 135cm)	12 x 18" (30 x 46cm)	1" (2.54cm)	Up to 800iph*	15
APTH-3040M	30 x 40" (76 x 102cm)	50 x 53" (127 x 135cm)	12 x 18" (30 x 46cm)	1" (2.54cm)	Up to 750iph*	15

\* iph=Images per hour



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