ACCU-PRINT HIGH-TECH MICRO™

Small-Format, High-Performance Flatbed Printer with Remote Diagnostics System

ADVANTAGES

- High speed—lessens turnaround time, increases output, and lowers operating costs
- Consistent quality—tightest repeatable registration tolerances guarantee superior results
- Proven reliable design—computer controlled clamshell action for long-lasting operation
- Smooth stroke—dedicated drive systems ensure vibration-free print cycling
- Flexibility and convenience—universal masterframe accepts most frame types and disengages easily for fast cleanup
- Safety—wraparound safety bar with exclusive four-point microswitch activation protects operator on all sides
- Service—Remote Diagnostics provides direct link between printer's microprocessor and A.W.T.'s central diagnostics computer for instant worldwide service

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.

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.
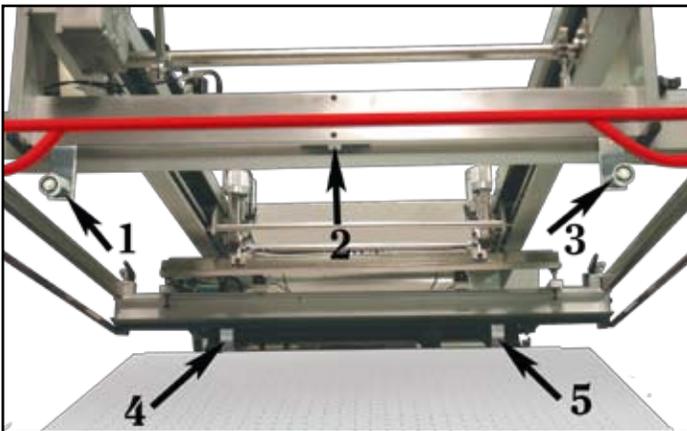
ACCU-PRINT HIGH-TECH MICRO™ SERIES
Unrivaled Speed and Print Quality with Reliable Clamshell Design

In addition to the standard three-point micro-registration system, a five-point masterframe lock-in print head with ball-bearing head lock ensures the tightest repeatable registration tolerances. This system is so accurate, even art reproduction houses have used it successfully for multicolor printing. Independent headlift and carriage drives ensure smooth cycling, as does the heavy-duty, ball-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.
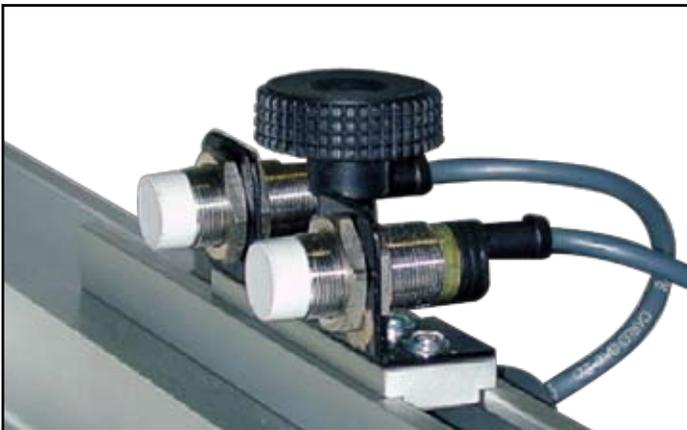
Smooth, solid, and built for speed, the High-Tech Micro combines reliability and high performance in a compact, cost-saving machine.
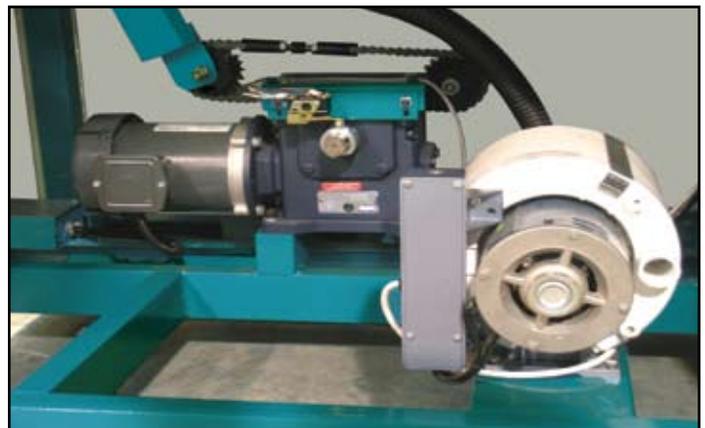

Five-point masterframe lock-in: Ensures critical registration for multicolor printing. Wraparound safety bar (in red) protects press operator.

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

Exclusive dual-sensor stroke adjustment: Most competitors use only one, but we employ two for an extra smooth print stroke without any abrupt starts or stops.

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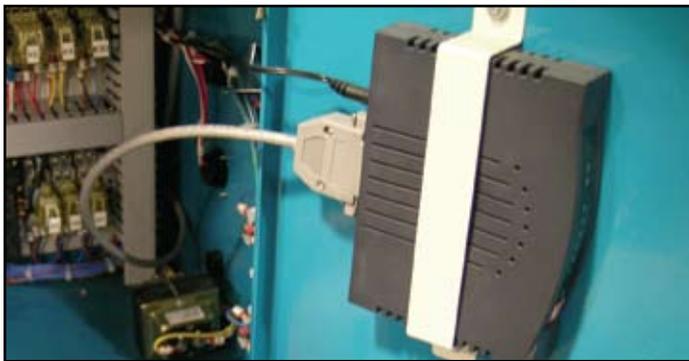
HIGH-PERFORMANCE FLATBED PRINTERS

Standard Features

- Remote Diagnostics for instant service access
- Five-point masterframe/print head lock-in
- Improved micro-registration system
- Independent headlift and print carriage drives
- Universal masterframe
- Upfront, adjustable peel system
- Four-point off contact control
- Independent squeegee and floodbar speeds
- Squeegee and floodbar angle adjustments
- Pneumatic squeegee and floodbar pressure controls
- Wraparound safety bar
- Heavy-duty, belt-drive, sealed ball-bearing print carriage
- Sliding front and rear frame clamps
- "0" off-contact capability
- Stay-Flat™ all-aluminum vacuum table
- Exclusive dual-sensor stroke adjustment
- Heavy-duty tubular steel chassis
- Quiet, brushless, maintenance-free vacuum motor
- Front or rear carriage stop mode

Options and Accessories

- Accu-Lift™ Takeoff systems
- Prepare press for retrofit takeoff
- Prepare press for right-hand takeoff
- Parallel peel
- Manual vacuum table airflow adjustment
- Disappearing registration guides
- Computer system upgrade package includes; ink recovery, variable blowback, and upfront stroke adjustment
- Extended remote diagnostics package; after free unlimited 1st year usage
- Pneumatic squeegee/floodbar "U" clamps—set of four
- Sliding front and rear pneumatic clamps
- Stainless-steel vacuum tabletop
- 60 Hz spare parts package
- 50 Hz conversion
  Many more options available

Remote Diagnostics System: Onboard microprocessor connects via phone modem for instant worldwide service. Direct link to A.W.T.'s central diagnostics computer provides quick identification and correction of malfunction sources. Onsite service calls are eliminated in most cases.

Air Specifications

100 psi, 4 cfm
25 cfm, 3 hp compressor required for takeoff operation.

Electrical Specifications

Standard on all models: 115 V, 1 PH, 60 Hz
220 V, 1 PH, 50 Hz models available

Specifications

CAT. NO.	MAX. PRINT AREA	MAX. FRAME O.D.	MIN. FRAME O.D.	MAX. PRINT THICKNESS	CYCLE SPEED	AMPS
APTH-1626M	16 x 26" (41 x 66 cm)	36 x 41" (91 x 104 cm)	8 x 18" (20 x 46 cm)	1" (2.54 cm)	Up to 1,000 iph	15
APTH-2230M	22 x 30" (56 x 76 cm)	45 x 45" (114 x 114 cm)	8 x 18" (20 x 46 cm)	1" (2.54 cm)	Up to 1,000 iph	15
APTH-2538M	25 x 38" (64 x 97 cm)	46 x 53" (117 x 135 cm)	8 x 18" (20 x 46 cm)	1" (2.54 cm)	Up to 1,000 iph	15
APTH-3040M	30 x 40" (76 x 102 cm)	50 x 53" (127 x 135 cm)	8 x 18" (20 x 46 cm)	1" (2.54 cm)	Up to 1,000 iph	15

THE A.W.T. WORLD TRADE GROUP

Your Complete Manufacturing Source for Screen Printing Equipment, Supplies & Parts

Building on more than 30 years experience in serving clients in the graphic, textile and industrial markets, A.W.T. World Trade provides screen printers with a complete manufacturing source for prepress and printing supplies, machine parts, and remanufactured equipment.

Experience shows that when printers use a single manufacturing source, costly incompatibility problems between equipment lines and suppliers are greatly reduced. A.W.T. develops complete systems that work efficiently and economically to avoid printing errors, reduce downtime, and keep you profitable.

Our technical sales staff will make sure you choose the right system for your company's needs, delivering the performance you require at a cost within your budget. Industry experts in both technical support and service will confidently walk you through the setup and installation process for maximum productivity right from the start.

The A.W.T. World Trade Group was formed in 2002 when A.W.T. World Trade Inc. and Graphics Parts International Inc. purchased American Screen Printing Equipment.

A.W.T. World Trade Inc.	**American M&M**	**GRAPHIC PARTS INTERNATIONAL INC.**
www.awt-gpi.com	**www.screenprintmachinery.com**	**www.gpiparts.com**

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