

ACCU-PRINT HIGH-TECH™

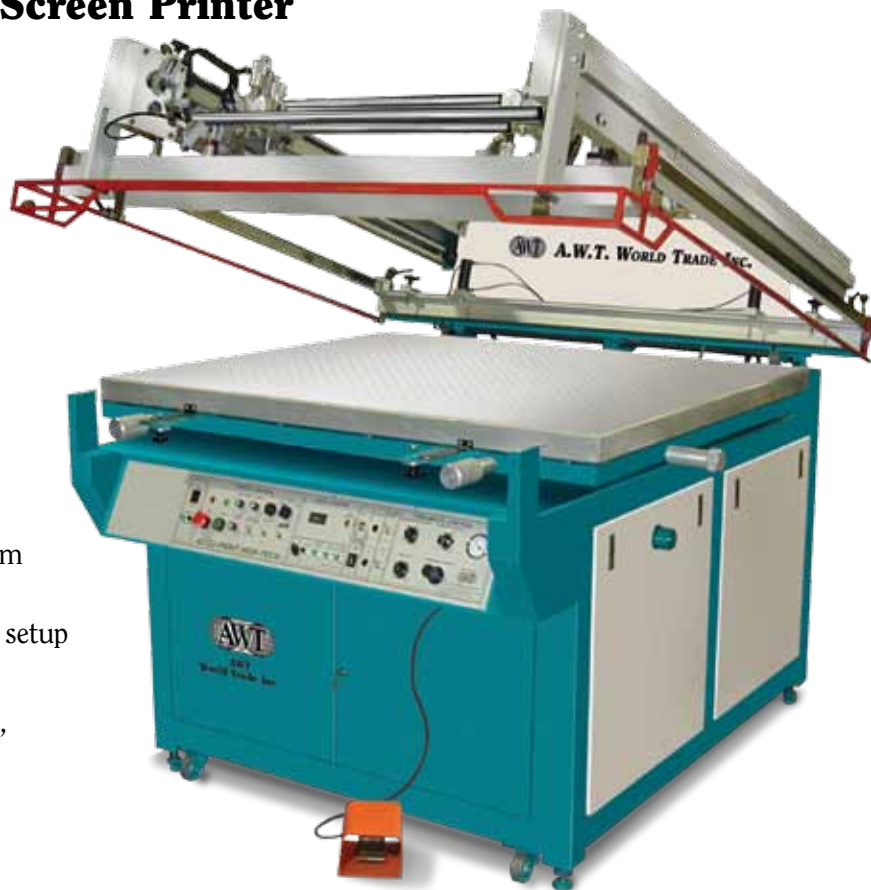
Mid-size Clamshell Flatbed Screen Printer

Designed for:

- High-Quality Screen Printing
- Speed
- Lower Operating Costs

Standard Features

- Instant service worldwide with phone-modem diagnostic system
- Patented, upfront stroke adjustment for faster setup
- Five-point masterframe lock-in print head
- Industrial timing belt drive with heavy-duty, preloaded, ball-bearing print carriage
- Improved micro-registration
- Heavy-duty, tubular-steel chassis
- Flood or non-flood print mode
- Four-point off-contact control
- Upfront, adjustable peel system
- "0" off-contact (using maximum-sized frames)
- Aircraft-quality, Stay-flat™ all-aluminum vacuum table
- Tool-free squeegee/floodbar pressure settings
- Independent squeegee/floodbar speeds
- Squeegee/floodbar angle adjustments
- Independent drives for print carriage and headlift
- Wrap-around safety bar with microswitch stops at all corners
- Sliding front and rear adjustable screen frame holders
- Advanced ink recovery system
- Quiet, brushless, maintenance-free vacuum motor
- Solid chopper assembly with four air cylinders
- Adjustable blowback and vacuum timing



The Accu-Print High-Tech™ flatbed screen printer offers a combination of engineering features that simply can't be matched. The **patented computer-controlled stroke-length adjustment** and **advanced ink recovery system** are enough to establish it in a category of its own. Add standard modem-service capabilities with either modem or optional internet diagnostics, and you have a world-class flatbed screen printing machine.

Other features include a heavy-duty, ball-bearing print carriage for smooth squeegee action; independent print carriage and headlift drives; electromechanical brake; five-point masterframe lock-in print head; new upfront peel control with optional parallel peel system; a quiet maintenance-free vacuum motor and more safety features than other printers in its class.

The print area ranges from 30 x 40" (76 x 102 cm) to 40 x 56" (102 x 142 cm), with print speeds up to 750 pieces per hour.



Manufactured by
A.W.T. World Trade Inc.
A Division of The A.W.T. World Trade Group

4321 N. Knox Avenue • Chicago, IL 60641 USA

773.777.7100 • Fax: 773.777.0909

sales@awt-gpi.com • www.awt-gpi.com

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ACCU-PRINT HIGH-TECH™ SERIES OF HIGH-PERFORMANCE FLATBED SCREEN PRINTERS

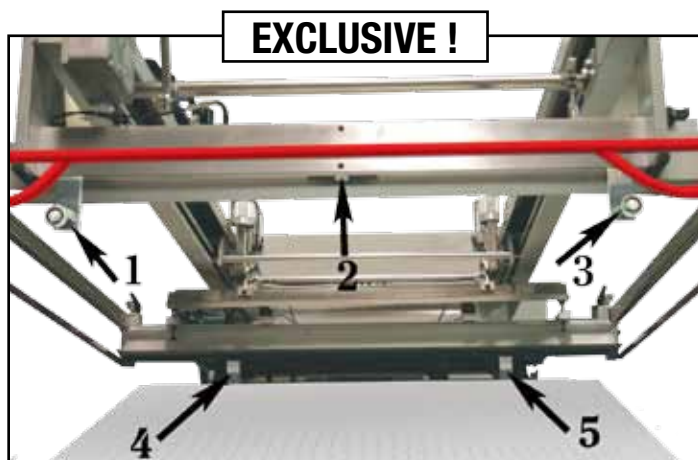
Unrivalled Speed and Print Quality • Reliable Clamshell Design

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 first 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



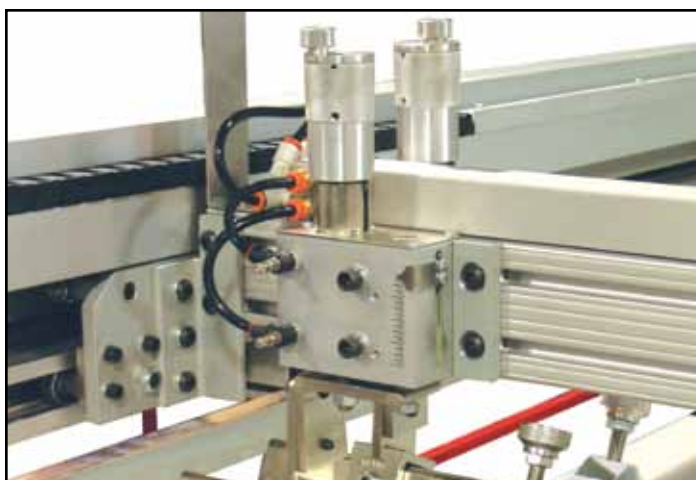
EXCLUSIVE !
Five-point masterframe lock-in: Ensures critical registration for multicolor printing. Wraparound safety bar (red) protects press operator.



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



EXCLUSIVE !
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.



Squeegeelizer - Pneumatic chopper assembly equalizes squeegee and floodbar pressure across entire print area.



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ACCU-PRINT HIGH-TECH™ SERIES OF HIGH-PERFORMANCE FLATBED SCREEN PRINTERS
Unrivalled Speed and Print Quality • Reliable Clamshell Design

ACCU-PRINT HIGH-TECH™ IN-LINE

Accu-Cure™ UV Dryer

Accu-Lift™ Take-off

Accu-Print High-Tech™ Printer



Specifications: Accu-Print High-Tech™

CATALOG NUMBER	MAXIMUM PRINT AREA	MAXIMUM FRAME O.D.	MAXIMUM PRINT THICKNESS	MAXIMUM CYCLE SPEED	AMPS
APHT-3040	30 x 40" (76 x 102 cm)	50 x 53" (127 x 134 cm)	1" (2.54 cm)	Up to 750 iph*	15
APHT-3650	36 x 50" (91 x 127 cm)	53 x 64" (134 x 162 cm)	1" (2.54 cm)	Up to 750 iph*	15
APHT-3855	38 x 55" (97 x 140 cm)	56 x 69" (142 x 175 cm)	1" (2.54 cm)	Up to 750 iph*	15
APHT-4056	40 x 56" (102 x 142 cm)	58 x 70" (147 x 177 cm)	1" (2.54 cm)	Up to 750 iph*	15

* iph=images per hour

Accu-Lift™ Optional Take-off System for Accu-Print High-Tech™

CATALOG NUMBER	DESCRIPTION	NUMBER OF GRIPPERS/ SUCTION CUPS
APHT-T040	Accu-Lift Take-off for High-Tech APHT-3040	3
APHT-T050	Accu-Lift Take-off for High-Tech APHT-3650	3
APHT-T055	Accu-Lift Take-off for High-Tech APHT-3855	3
APHT-T056	Accu-Lift Take-off for High-Tech APHT-4056	3

Take-offs are available with repositionable grippers for paper, plastics, masonite, aluminum, etc. or suction cups for very small, flexible or delicate parts which can not be picked up by conventional grippers.



Take-off Gripper



Take-off Suction Cup



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THE A.W.T. WORLD TRADE GROUP

Combining knowledge, expertise, creativity, outstanding engineering, quality and value to produce the finest equipment, parts, supplies, remanufacturing services and technical support system serving the screen printing industry.

Building on more than 40 years experience in serving clients in the graphic, textile and industrial markets, the A.W.T. World Trade Group provides screen printers with a complete manufacturing source for screen print machinery, 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 walk you through the installation and setup 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. aquired American Screen Printing Equipment. The group has further expanded its range with the startup of Specialized Safety Products. in 2008, the aquisition of General Cylinder Presses in 2010 and the aquisition of Saturn Racks in 2011.



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773.777.7100 • Fax: 773.777.0909

sales@awt-gpi.com • www.awt-gpi.com

SALES AND DISTRIBUTION

Serving the Eastern U.S., Central and South America

A.W.T. World Trade Inc.

8984 N.W. 105th Way, Medley, FL 33178 USA

305.887.7500 • Fax: 305.887.2300

floffice@awt-gpi.com • www.awt-gpi.com

EUROPEAN SALES AND DISTRIBUTION

A.W.T. World Trade Europe BV

4321 N. Knox Avenue • Chicago, IL 60641 USA

773.777.7100 • Fax: 773.777.0909

info@awt-europe.com • www.awt-europe.com