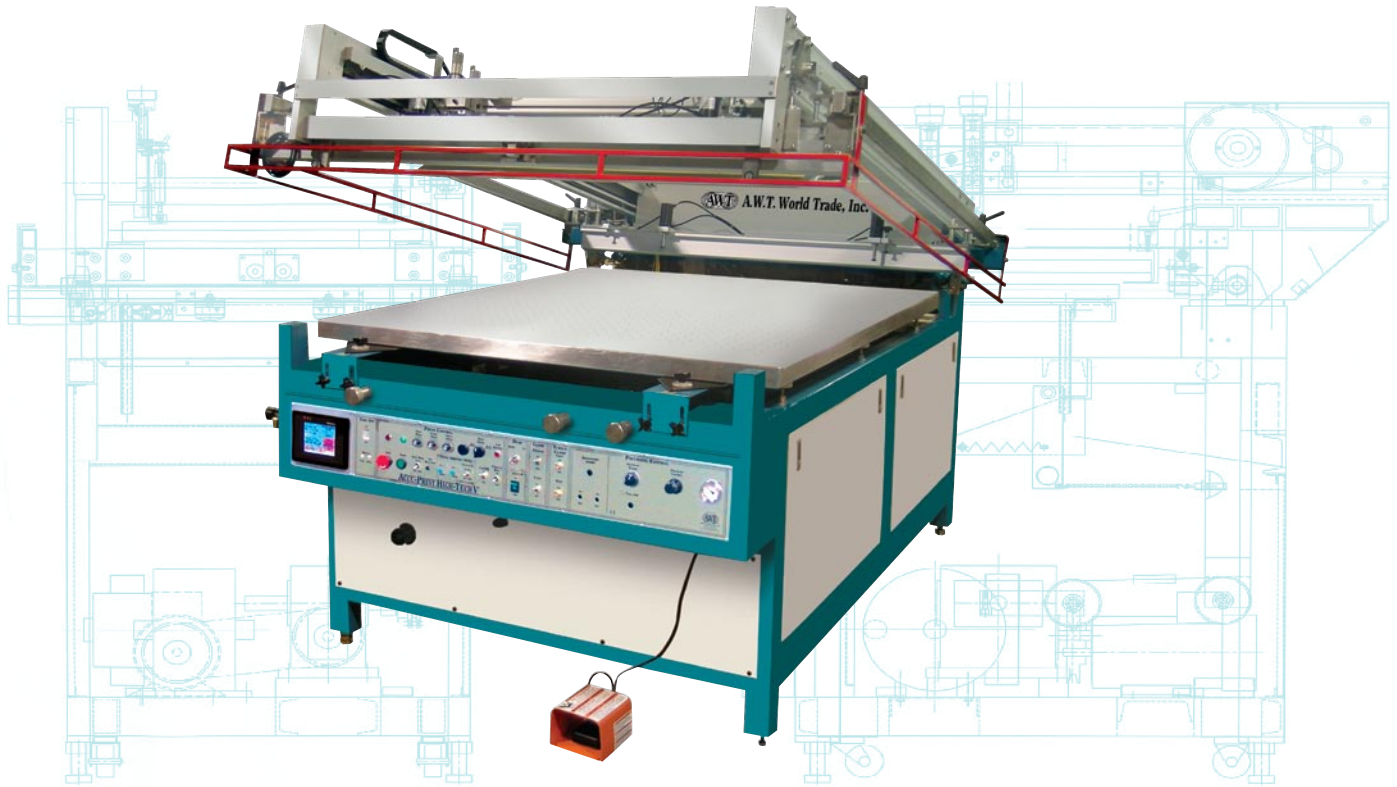


# ACCU-PRINT HIGH-TECH V™

*Moving Ahead  
With Technology*

## Large Format Semi-Automatic Flatbed Printer



### ADVANTAGES

- Performance—high-speed, computer controlled printer with the latest engineering advancements
- Reliability—proven clamshell design for long-lasting, low-maintenance operation
- Flexibility—accommodates wide range of sizes and substrates up to one inch thick
- Convenience—up-front control panel with touch screen settings in easy reach of the operator
- Consistency—tightest registration tolerances for guaranteed repeatable results with five lock-in points
- Safety—wraparound safety bar with four-point micro switch activation protects operator—safest in industry
- Service—onboard remote diagnostics system provides instant access to worldwide service

A.W.T. World Trade Inc. makes sure the Accu-Print High-Tech V™ stands apart from other printers in its class by including a host of standard features which other manufacturers offer only as options.

A patented up-front, computer controlled stroke length adjustment makes for quick setup, and the press' independent carriage and head lift drives ensure vibration free cycling. The High-Tech V's lock-in masterframe works with an improved micro-registration system to quickly position your image exactly where needed.

The High-Tech V is built on a rock-solid tubular steel chassis and backed by A.W.T.'s Remote Diagnostics System with worldwide access to technical support.



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

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# THE ACCU-PRINT HIGH-TECH V™

## Series Of Semi-Automatic Flatbed Printers

### Standard Features

- Up-front Stroke Length Setting: Patented push-button feature enables quick tool-free adjustment.
- Advanced Ink Recovery: Captures unused ink without changing stroke length
- Front or Rear Carriage Stop Mode: Easy operator adjustment for running solvent or UV ink
- Squeegeelizer™ Pneumatic Chopper Assembly: Tool-free squeegee and floodbar adjustments evenly distribute squeegee pressure (Figure 2)
- Four-Point Off-Contact Control: Turnbuckle adjustments for quick and accurate off-contact settings. Zero off-contact capable for use with high-tensioned screens (Figure 4)
- Five point Masterframe Lock-In: Positive head lock with “V” fork / ball-bearing system ensures repeatable registration to within + .002
- Tool-free peel rate setting: Up-front adjustment allows quick manual changes in peel-rate
- Heavy-duty, ball-bearing belt drive print carriage: Quiet and extremely reliable drive system for smoothest stroke
- Independent Carriage and Head Lift Drives: Independent AC drives for smooth cycling and minimum vibration
- Stay-Flat™ All- Aluminum Vacuum Table: A flat, stable surface with adjustable holddown and blowback system
- Improved Micro-Registration System: New three-point bearing controlled system for quick and exact final image placement – no need to remove frame (Figure 3)
- Remote Diagnostics System: Onboard microprocessor/modem (Figure 7) helps eliminate expensive on-site service calls by providing instant access to worldwide service with free, unlimited first-year usage
- Independent Squeegee/Floodbar Speed and Angle adjustments: For challenging print jobs where total control of these variables is needed.
- Interactive Diagnostics and Production Interface: (Figure 10) Allows easy monitoring of job quantities and other important press data including sheets fed, sheets missed, error messages and other troubleshooting codes.

### Options

- Automatic Parallel Peel
- Take-Off System
- Pneumatic Front Clamps
- Dripless Squeegee System
- Masterframe Microregistration
- Spare Parts Package – 60Hz
- Electrical Conversion Package – 220V, 1Ph, 60Hz or 50Hz



Figure 2. Patented “Squeegeelizer” pneumatic chopper assembly evenly distributes pressure across squeegee blade.

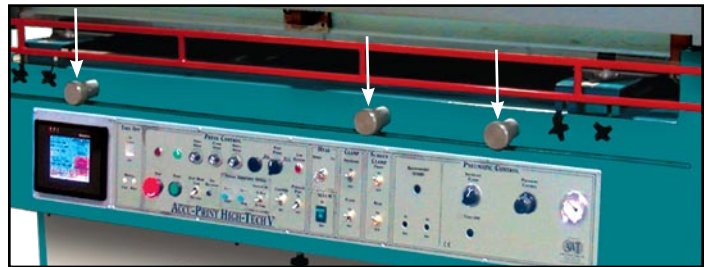


Figure 3. Improved three-point bearing controlled micro-registration table.

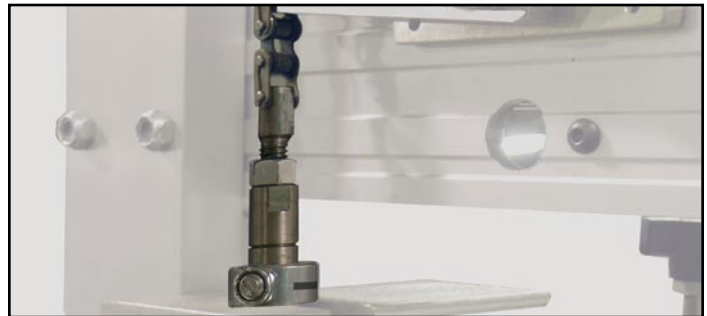


Figure 4. Four-point off-contact control enables “0” off-contact for printing with high-tension screens.

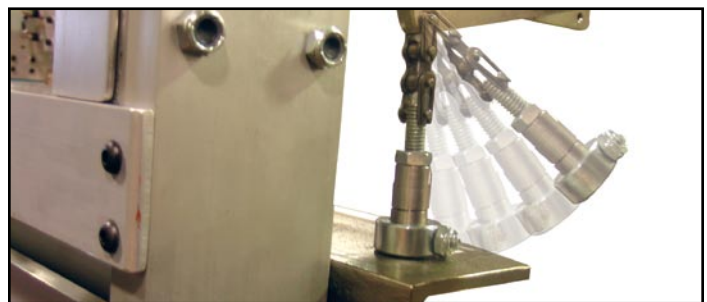


Figure 5. Drop-down masterframe disengages from print head for easy loading and setup. Press will not cycle while masterframe is disengaged.

# THE ACCU-PRINT HIGH-TECH V™

## Series Of Semi-Automatic Flatbed Printers

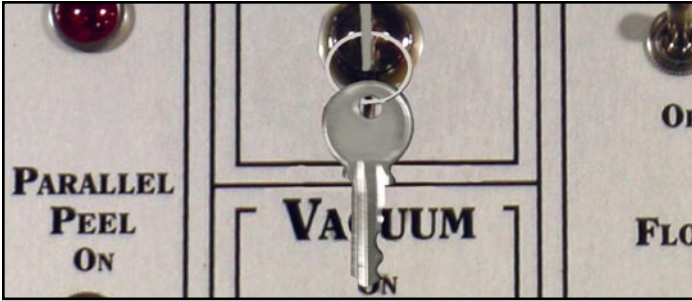


Figure 6. Key controlled carriage cycle prevents accidental operation during cleaning, maintenance and setup.

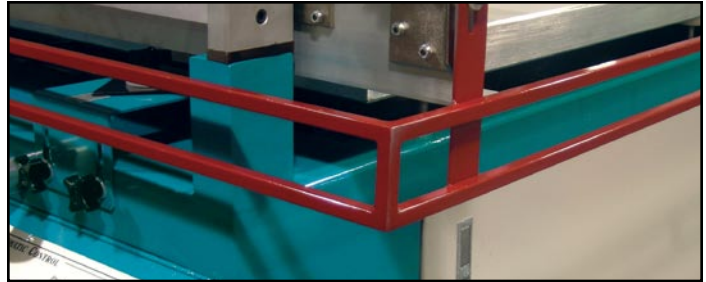


Figure 9. Wraparound safety bar stops instantly if moved.

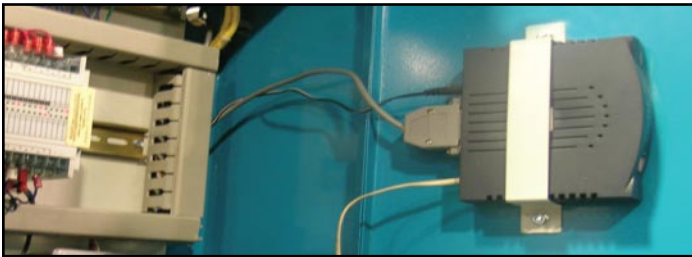


Figure 7. Onboard microprocessor connects via modem to A.W.T.'s central diagnostics computer. Provides instant access to worldwide service. Expense and delay of onsite service can be avoided in most cases.



Figure 8. Adjustable control panel puts press controls at operator's finger tips.

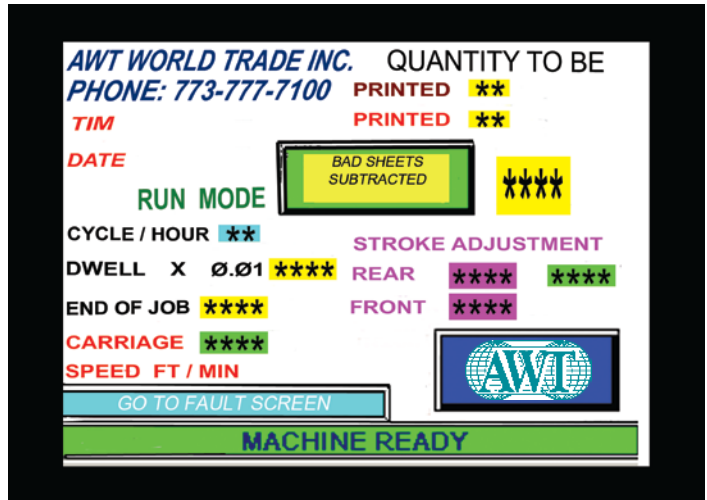


Figure 10. The interactive touchscreen provides real-time access to production information and error messages to facilitate troubleshooting. Touchscreen controls also permit operator to set many of the production parameters. Automatically shuts down press when job is completed.

## Specifications

MODEL NO.	MAX. PRINT SIZE	MAX. FRAME O.D.	MIN. FRAME O.D.	SUBSTRATE THICKNESS	APPROX. MAX. SPEED	AMPS 60 HZ <sup>(1)</sup>	AMPS 50HZ <sup>(2)</sup>
APV-4464	44 x 64" (112 X 162.5 CM)	67 x 84" (170 x 213 cm)	22 x 32" (56 X 81 CM)	UP TO 1" (2.54 CM)	600 iph	15	10
APV-5252	52 x 52" (132 X 132 CM)	75 x 70" (191 x 178 cm)	26 x 26" (66 X 66 CM)	UP TO 1" (2.54 CM)	600 iph	15	10
APV-5280	52 x 80" (132 X 203 CM)	75 x 96" (191 x 244 cm)	26 x 40" (66 X 102 CM)	UP TO 1" (2.54 CM)	600 iph	15	10
APV-5296	52 x 96" (132 X 244 CM)	75 x 112" (191 x 285cm)	26 x 48" (66 X 122 CM)	UP TO 1" (2.54 CM)	600 iph	20	15
APV-52120	52 x 120" (132 X 305 CM)	75 x 136" (191 x 345 cm)	26 x 60" (66 X 152 CM)	UP TO 1" (2.54 CM)	600 iph	20	15
APV-6280	62 x 80" (157.5 X 203 CM)	83 x 96" (211 x 244cm)	31 x 40" (79 X 102 CM)	UP TO 1" (2.54 CM)	600 iph	15	10
APV-6296	62 x 96" (157.5 X 244 CM)	83 x 112" (211 x 285 cm)	31 x 48" (79 X 122 CM)	UP TO 1" (2.54 CM)	600 iph	20	15

(1) 208-240V, 3 PH, 60 Hz

(2) 380-415V, 3 PH, 50 Hz

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# 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 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. acquired American Screen Printing Equipment. The group further expanded its range with the startup of Specialized Safety Products in 2008 and the acquisition of General Cylinder Presses in 2010.



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