 AWTWorldTrade   **a.w.t.worldtrade**   **AWTWorldTrade**
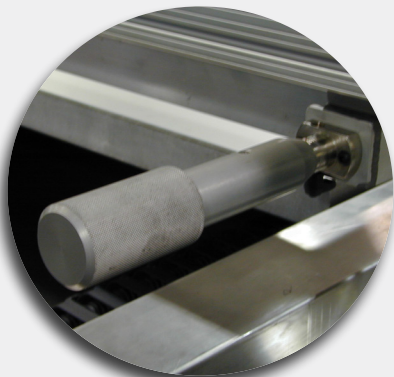
ACCU-PRINT
HIGH-TECH HL™

ADVANTAGES

- Remote Diagnostics system delivers instant service to any location worldwide using simple Internet-based connection

- Four-post, horizontal head lift accommodates substrates up to 1" thick

- Reciprocating vacuum table allows easy loading and optional takeoff of substrate while maintaining registration

- Electromagnetic table lock secures table position while printing

- All-aluminum, 2-1/4" thick, vacuum table with the heaviest gauge plate in the industry

- Brushless, maintenance-free vacuum motor –quietest in the industry

- Fully customizable to the size you need and the options you want

The Accu-Print High-Tech HL™ four-post flatbed press combines a European-designed print head with top-tier engineering attributes, including: a patented stroke-length adjustment with upfront touch screen controls; a unique ink recovery system that optimizes ink usage; independent carriage stroke and headlift drives; electro-mechanical brake; four-point masterframe lock-in; and an optional, stand-alone control panel for easy positioning.
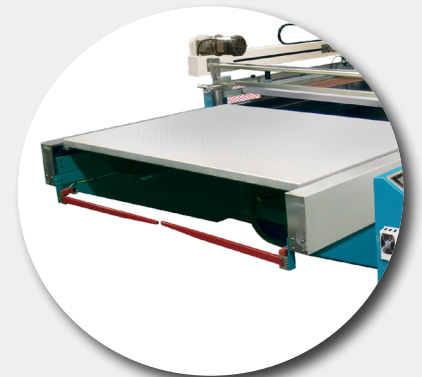
The unit's solid construction is further enhanced by a heavy-duty belt drive carriage for smooth squeegee action; a brushless vacuum motor for quiet, maintenance-free operation; and AWT's industry-leading Remote Diagnostics feature for instant service worldwide.

Super micro-registration controls allow for quick, easy setup and precise repeatability of +/-.002".

The reciprocating table facilitates loading and, on models with the optional take-off, removing the substrate.

Aluminum vacuum table shown with pneumatic gripper cut-outs and optional disappearing registration guides features easy loading with superior substrate holddown.
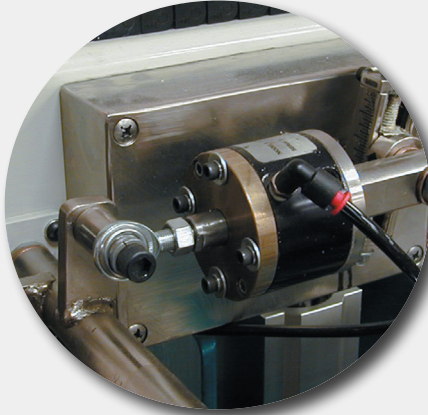
ACCU-PRINT
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Standard Features

- Four-post headlift: Allows printing on material up to 1" thick

- Touch-screen diagnostics/productivity interface: Provides easy set up and control, as well as productivity information

- Masterframe: Accepts all frame types, including roller frames - up to 2" thick

- Reciprocating vacuum table: streamlines loading and takeoff while maintaining perfect registration. Adjustable height locks provide flexible positioning of print head

- Electromagnetic table lock: Secures table position while printing

- Super micro-registration: Bearing-actuated system provides precise registration with tolerances to +/-.002"

- Horizontal lift system: Ensures even flooding for even ink deposits

- Automatic parallel peel system: Ensures uniform ink deposit

- Peel rate setting: Adjustable without tools; allows easy access and fine adjustments to the automatic peel system

- Squeegee skew system: Improves ink distribution and uniformity through mesh

- Double print feature: Allows extra-heavy ink deposits when required

- Adjustable side screen holders: Require no tools to adjust and can accommodate smaller screens

- Sliding pneumatic and manual screen clamps: Provide fast setup and changeover of different screen sizes

- Three-way mode selection: Allows operator to choose timer, jog or foot pedal mode

- "0" off-contact: Easily accessible controls allow for "0" off contact to take advantage of high-performance, high-tension screens (at maximum frame size)

- Independent carriage stroke and head lift drives: Eliminate vibration and ensure smooth, even print strokes

- Front or rear carriage stop mode: Switch easily between stopping the carriage in flood or nonflood mode

- Independent squeegee and floodbar speeds: Help ensure excellent print quality control

- Squeegee/floodbar angle adjustments: For absolute print control on challenging jobs

- Squeegee/floodbar pressure adjustment: Provides tool-free, easy-to-access micro-calibrated knobs

Safety Features

- Emergency stop button: Stops press instantly
- Key-operated carriage cycle: Offers table movement protection and prevents accidental cycling of the press
- Safety bars: Protect operator from vacuum table and print head movement
- High headlift safety interlocks: Prevent unintended head dropdown

Upfront controls enable precise and easy peel adjustments ensuring uniform ink coverage. "0" off-contact setting allows printer maximum benefit from high-performance, high-tension screens.

Optional Features

- Independent operator control stand
- Takeoff system provides smooth delivery of stock to dryer
- Extra gripper assembly for takeoff
- Pneumatically operated disappearing registration guides (standard on presses with a take-off)
- Dial indicators for registration
- Squeegee/floodbar pneumatic support cylinders
- Dripless squeegee system
- Double foot-pedal airflow control system
- Motorized off-contact
- Spare parts package
- Extended Remote Diagnostics packages
- Conversion to 50 Hz

Specifications

CAT. NO.	MAX. PRINT AREA	MAX. FRAME O.D.	MIN. STROKE LENGTH	MAX. PRINT THICKNESS	CYCLE SPEED RANGE*	ELECTRICAL REQUIREMENTS**
APHTHL-2230NTO	22 x 30" (56 x 76cm)	41 x 50" (104 x 127cm)	19" (49cm)	1" (2.5cm)	Up to 750iph	230V, 3PH, 15A, 60Hz
APHTHL-3040NTO	30 x 40" (76 x 102cm)	48 x 56" 122 x 142cm)	19" (49cm)	1" (2.5cm)	Up to 700iph	230V, 3PH, 15A, 60Hz
APHTHL-3650NTO	36 x 50" (91 x 127cm)	53 x 64" (135 x 163cm)	19" (49cm)	1" (2.5cm)	Up to 625iph	230V, 3PH, 15A, 60Hz
APHTHL-3855NTO	38 x 55" (97 x 140cm)	55 x 69" (140 x 175cm)	19" (49cm)	1" (2.5cm)	Up to 600iph	230V, 3PH, 15A, 60Hz
APHTHL-4464NTO	44 x 64" (112 x 163cm)	67 x 84" (170 x 213cm)	19" (49cm)	1" (2.5cm)	Up to 500iph	230V, 3PH, 15A, 60Hz
APHTHL-5280NTO	52 x 80" (132 x 203cm)	75 x 96" (190 x 244cm)	19" (49cm)	1" (2.5cm)	Up to 450iph	230V, 3PH, 15A, 60Hz
APHTHL-5296NTO	52 x 96" (132 x 244cm)	75 x 116" (190 x 295cm)	19" (49cm)	1" (2.5cm)	Up to 400iph	230V, 3PH, 15A, 60Hz
APHTHL-52124NTO	52 x 124" (132 x 315cm)	75 x 140" (190 x 356cm)	19"(49cm)	1" (2.5cm)	Up to 350iph	230V, 3PH, 15A, 60Hz
APHTHL-6284NTO	62 x 84" (158 x 213cm)	78 x 102" 198 x 259cm)	19" (49cm)	1" (2.5cm)	Up to 300iph	230V, 3PH, 15A, 60Hz
APHTHL-6296NTO	62 x 96" (158 x 244cm)	78 x 116" (198 x 295cm)	19" (49cm)	1" (2.5cm)	Up to 250iph	230V, 3PH, 15A, 60Hz
APHTHL-68124NTO	68 x 124" (173 x 315cm)	81 x 140" (206 x 356cm)	19" (49cm)	1" (2.5cm)	Up to 250iph	230V, 3PH, 15A, 60Hz

* Maximum cycle speed is determined by a combination of minimum stroke and head lift and maximum print speeds.
** 380-415V, 3PH, 50Hz models available.