



Q-LUX H44-1

The Q-Lux H44-1 coating machine produces even and exact results on small and medium sized screens., and provides economic coating at an excellent price.

This built-to-last, multiple programmable unit makes machine coating of direct emulsions affordable. It assures the coating repeatability from screen to screen which cannot be achieved by hand.

The electronic control unit enables you to program and save up to 20 coating programs. The adjustable pneumatic elements provide excellent coating, independent of screen size and mesh tension.

The Q-Lux H44-1 is available in one standard size and comes equipped as a 2-up for smaller screen format.

FEATURES

- PLC control, 20 program memory
- Fits any frame profile including Newman Roller Frames
- Programmable speed, number of coatings, and dwell
- Independent squeegee and print-side coating control
- Uniform coating pressure and precise coater movement
- Smooth maintenance-free, belt drive
- Length of the coating area is adjustable
- Easily adjusts for a variety of frame sizes
- Lower adjustable frame holder: prism, ideal for all frame profiles
- Upper frame holder: pneumatic clamps, adaptable to all frame profiles, operated by foot pedals
- Motorized, adjustable upper frame holder operated by foot pedals
- Coating speed; continuously adjustable from 19 to 255 inches/minute
- Automatic scrape off at the end of the coating process
- Machine complies to the present CE requirements



*Limit
switch
assembly*



*Coating
carriage
assembly*



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BENEFITS

- Attractive pricing puts machine coating in the grasp of most screen printers
- Reliable, repeatable results at a price equivalent to stretching systems
- Produces extremely smooth stencil profiles
- Achieves stencil thicknesses accurate to within ±1 micron
- Provides repeatability from screen to screen to assure efficient, quality performance
- Designed for long-term, virtually maintenance-free use
- Coater design offers easy installation and accuracy
- Pneumatic screen mounting
- Simultaneous coating of two screens (25" x 36" maximum OD)

Technical Information

CONTROLS

- Freely programmable control unit with the ability to save 20 programs, digital display and operating interface on key pad
- Raised lower frame holding for optimal working height when coating small frames. Manually adjustable lower frame holding position.
- Covered main switch
- Emergency stop
- Clamps, upper console operated by foot pedal

OPTIONS

- Multiple coating for up to three frames with one or two upper clamps per frame
- ETG thickness gauge

MEASUREMENTS

Width size	78.75"
Height	85.8" ±1" (adjustable feet)
Depth	25.5" [27.5" should be available for opening the service door in the left tower]
Crate size	94.5" x 31.5" x 90.5"
Weight size	528 lbs.

SPECIFICATIONS

Max. frame format size	55" x 55" OD
Max. frame profile thickness	2.1"
Min. frame profile thickness	0.2"
Min. frame size	13.75" x 13.75"

CONNECTION

Electric connection	1 x 220V, 50/60 Hz, 3.5 Ampere
Installed power	0.5 kW
Compressed air	85-90 psi, oil and water free, built-in oil and water separator

INSTALLATION & TRAINING

Technical support is provided by SaatiPrint's Coating Application Team, supported directly by our factory expertise. Due to its unique construction, the Q-Lux Screen Coating Machine is easily installed by the customer. Simply connect an air line and plug in. Easy to operate. No assembly is required. SaatiPrint can provide installation, including operational instruction by our factory-trained engineer.

Leasing available, please inquire.