

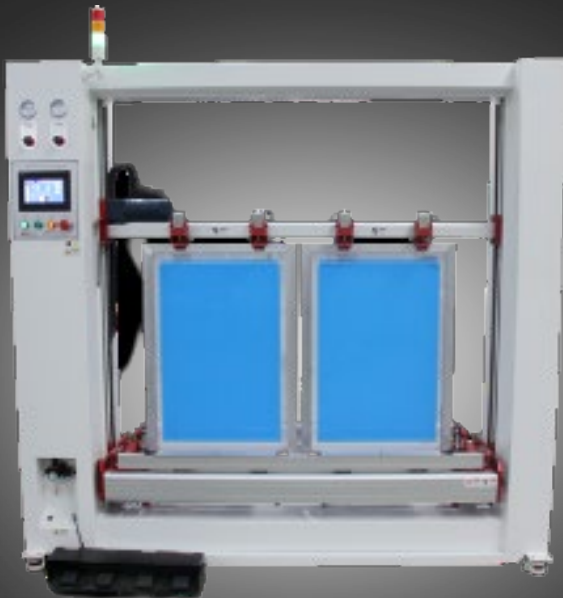
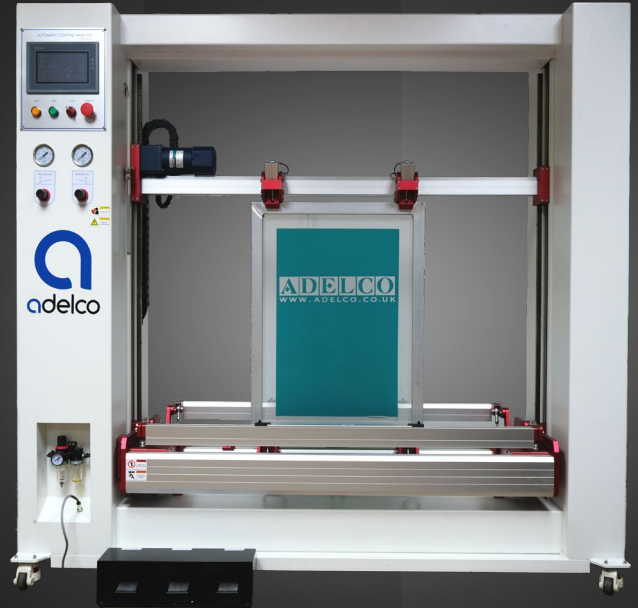


Coating Equipment

Digital double sided automatic screen coating machine.
Suitable for printing high precision photographic
emulsion coating.

Auto Screen Coating Machine HC-1010AD

Used for screen emulsion coating.
Application: Static / Newman Roller
frame.
Coating Tolerance: $\pm 1\mu\text{m}$



Auto Double Screen Coating Machine HC-6510ADD

Used for stencil coating.
Driven: Mitsubishi servo motor
Coat capacity: one or two screens
Coating Tolerance: $\pm 1\mu\text{m}$

Adelco's coating equipment is suitable for printing screens with high precision, using photographic emulsion coating.



Advantages Adelco HC-1010AD/1313AD

- ◆ PLC programmable controller and HMI composition as the operating control system.
- ◆ With full automatic operation via touch-screen settings, ordinary plate-maker can be used to produce high-quality precision screens with ease.
- ◆ Fixing clamps / Unlock clamps set by a foot switch which controls the air pressure, easy to load and unload screens.
- ◆ Coating speed, coating time and a single, double-sided coating can be freely set.
- ◆ With pressure regulating function, the coating thickness can be controlled via a set number of application times and by applying pressure.
- ◆ When reaching the stop position, the machine would automatically slow down to 20mm near the frame, no need to fix the screen with extra edges.
- ◆ The use of rail steel with special low vibration creates a ripple-free coating process.
- ◆ The operating system comes with multi-languages, multiple coating patterns, and detailed parameter settings.
- ◆ Special corrosion-resistant treatment aluminum scoop coater, with no clearance with the coating structure, maintains a stable emulsion coating.

Advantages Adelco HC-6510ADD

- ◆ Servo motor + PLC programmable controller and HMI composition as the operating control system.
- ◆ Fully automatic operation via touch-screen settings, an ordinary plate-maker can easily produce high-quality precision screens.
- ◆ Fixing clamps / Unlock clamps can be set by a foot switch that controls the air pressure, allowing for easy loading and unloading of screens.
- ◆ The coating speed, coating time and a single, double-sided coating can be freely set.
- ◆ With the pressure regulating function, the coating thickness can be controlled via a set number of application times and applying pressure.
- ◆ When reaching the stop position, the machine will automatically slow down to 20mm near the frame, no need to fix the screen with extra edges.
- ◆ Use of rail steel with special low vibration allows for a ripple-free coating process.
- ◆ The operating system comes with multiple languages (Chinese/English/Korea), multiple coating patterns, and detailed parameter settings.
- ◆ Special corrosion-resistant treatment aluminum scoop coater, with no clearance with the coating structure, maintains a stable emulsion coating.
- ◆ The Servo motor keeps coating accuracy to $\pm 1\mu\text{m}$.
- ◆ Two screens being coated at one time is optional.

Specification	Adelco HC-1010AD	Adelco HC-1313AD	Adelco HC-6510ADD
Max frame size (mm)	1000 x 1000	1300 x 1300	Two 508 x 609.6, 584.2 x 787.4, 635 x 914.4
Min frame size (mm)	400 x 400	400 x 400	400 x 400
Max coating area (mm)	880 x 880	1180 x 1180	Two 650 x 1000
Min coating area (mm)	200 x 200	200 x 200	200 x 200
Longest coater length	880 mm	1180 mm	650 mm
Shortest coater length	200 mm	200 mm	200 mm
Coating thickness	15 - 35 mm	15 - 35 mm	15 - 35 mm
Coating precision	+0.001 mm	± 0.001 mm	± 0.001 mm
Coating time	Front and back side 0 - 999 times	Front and back side 0 - 999 times	Front and back side 0 - 999 times
Coating time setting	Four process time free set	Four process time free set	Four process time free set
Coating pressure	2 - 6 kg / cm ² adjustable	2 - 6 kg / cm ² adjustable	2 - 6 kg / cm ² adjustable
Coating speed	5 - 150 mm/sec	5 - 150 mm/sec	5 - 150 mm/sec
Operating system	HMI +PLC	HMI +PLC	HMI +PLC
Frame Fixing	Foot switch quick fixed	Foot switch quick fixed	Foot switch quick fixed
Air Pressure	6 kg/cm ²	6 kg/cm ²	6 kg/cm ²
Equipment weight	400 KG	600 KG	500 KG
Power	220V x 1ph x 1KW 415V *3PH	220V x 1ph x 1KW	220V x 1ph x 1KW
Dimensions	W: 1876 x D: 614 x H: 1780 mm	W: 2076 x D: 614 x H: 2056 mm	W: 2076 x D: 614 x H: 2056 mm
Packing Size (L x W x H)	1950 x 690 x 1980mm	2260 x 850 x 2200mm	2260 x 850 x 2200mm