



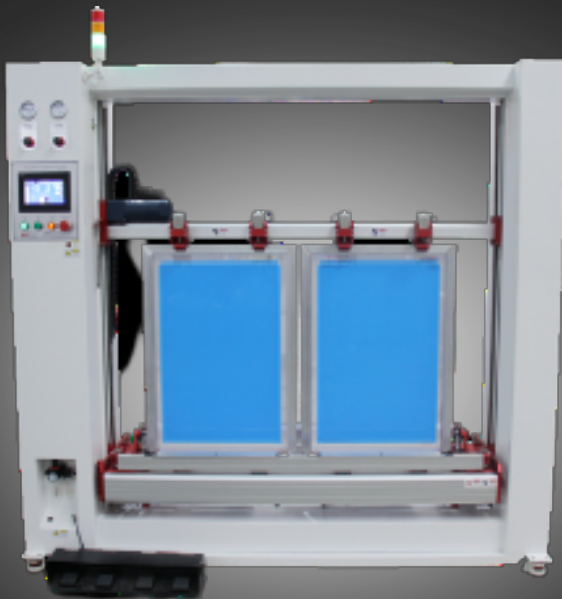
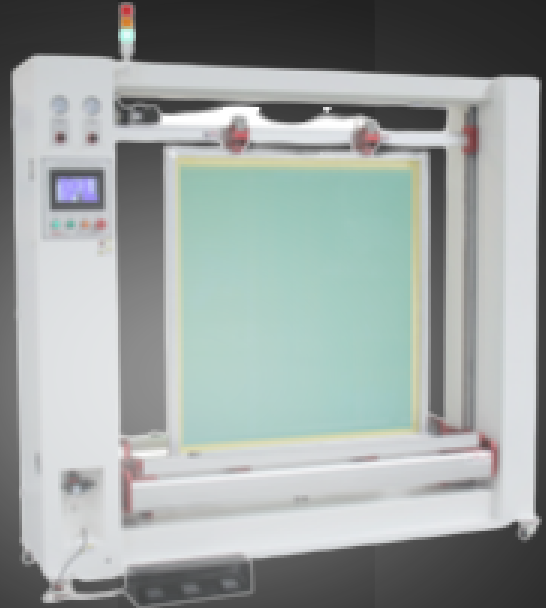
adelco

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-7010AD

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

- ◆ 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-7010ADD

- ◆ 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-1010AD |
|------------------------|---------------------------------------|---|
| Max frame size (mm) | 1000 x 1000 | 1300 x 1300 (two 20" x 24", 23" x 31", 25" x 36") |
| Min frame size (mm) | 400 x 400 | 400 x 400 |
| Max coating area (mm) | 800 x 800 | 1150 x 1150 |
| Min coating area (mm) | 200 x 200 | 200 x 200 |
| Longest coater length | 900 mm | 1150 mm |
| Shortest coater length | 150 mm | 150 mm |
| Coating thickness | 15 - 55 mm | 15 - 60 mm |
| Coating precision | ± 0.001 mm | ± 0.001 mm |
| Coating time | Front and back side 0 - 999 times | Front and back side 0 - 9999 times |
| Coating time setting | Four process time free set | Four process time free set |
| Coating pressure | 2 - 6 kg / cm ² adjustable | 2 - 6 kg / cm ² adjustable |
| Coating speed | 5 - 150 mm/sec | 5 - 150 mm/sec |
| Operating system | HMI +PLC | HMI +PLC |
| Frame Fixing | Foot switch quick fixed | Foot switch quick fixed |
| Air Pressure | 6 kg/cm ² | 6 kg/cm ² |
| Equipment weight | 450 KG | 460 KG |
| Power | 220V x 1ph x 450W | 110/220V x 1ph x 1KW |
| Dimensions | W: 1920 x D: 580 x H: 1900 mm | W: 2080 x D: 620 x H: 2105 mm |

