



S E F A R

## Coating Machines

The high-quality coating machines from Sefar America are manufactured by Grünig. Choose machines of various size, format, and capabilities to coincide with your choice of emulsion and primary application.

### G-404

This basic single-side coating machine is ideal for frame sizes between 18" x 18" and 50" x 50". You get consistent and controlled mesh contact pressure with reproducibility of the coating for direct wet-on-wet coating with a tolerance of +/- 1 micron.



### G-405 & G-405F

Dual sided coating with the capability to separately adjust mesh contact pressure on the print or squeegee side. Accommodates frame widths from 40" to 80"; frame length from 50" to 120" with a coating speed variable from 20 to 260 in/min. The G405F model is designed specifically for use with roll capillary film emulsion.



### G-411 & G-411CD

Dual sided coating with the capability to separately adjust mesh contact pressure on the print or squeegee side. Accommodates frame widths from 40" to 120" and frame length from 50" to 20'0" with a foot actuated pneumatic frame clamping device. The G411CD is specifically tailored for the coating of multiple (4-6) CD screens at one time.



### G-421

Your optimal choice for large-format screens, adjustable for frame width 60" to 280"; frame length 50" to 360". Its patented coating head achieves optimal contact pressure at the screen center for consistent build-up. The separate actuation of both coating troughs allows coating on squeegee, print or both sides with a tolerance of +/- 1 micron.



Contact your Midwest rep for complete machine specifications, including available options for all Sefar coating machines.



PRODUCTS - CONCEPTS - SOLUTIONS

## Mini Micron Meter

With its integrated probe, taking EOM (emulsion-over-mesh) is simple and fast. Its small ergonomic design and large direct reading display makes this the easiest-to-use gauge on the market. Comes complete with case, calibration shims, base plate and manual.



## Digitally Controlled Screen Coaters

Digitally controlled Digikotes provide performance and repeatability levels not possible with pneumatic systems.

Programming is simple, with a computerized control center and 100 recallable settings that handle all major machine functions, including tilt dwell, coating speed, retract delay, pressure adjustment, self-diagnostics, and real-time system status reports. Digikotes have a multiple-coat sequence feature, and front and rear coaters can operate in tandem or independently, allowing operators to coat each side separately, both sides simultaneously, or just one side.



**Digikote II:** 7 models sized to coat maximum screen frame sizes from 50" x 60" to 86" x 185".

**Digikote II T:** Coats screen frames up to 34" x 56".

**Digikote II T2:** Coats two frames up to 2 at 28" x 56" or one screen frame up to 56" x 56".



PRODUCTS - CONCEPTS - SOLUTIONS

## KIWOMAT Automatic Coating Machines

The KIWOMAT ensures uniform coating thickness and consistent emulsion profiles from screen to screen. Controlled by a digital keyboard panel, all screen coating operations are at the operator's fingertips. The KIWO TRONIC 15+1 programmable control will store your custom coating parameters for easy retrieval. Once established, each program can be easily called up, providing quick and predictable coating results. The KIWOMAT Pro's infrared drying feature enables the application of "face coats" (wet-on-dry coats) without lengthy intermediate drying times of the machine.

Four models available:

**KIWOMAT, KIWOMAT CD-4, KIWOMAT Wide Body, and KIWOMAT Extra Tall.**



Also available in the **KIWOMAT Simplex** model for entry level printers.





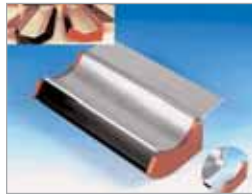
## EZ Coat Automatic Coating Machine

EZ Coat provides superior performance at a budget price. Its sturdy construction guarantees consistent, reproducible coatings. The operation of EZ Coat is simplicity itself: program the coating speed and the number and sequence of coats, then press the start button.

## COATING ACCESSORIES

### G-401 Coating Trough

The G-401 Coating Trough, developed by Grünig, can be used as a manual coating trough or in conjunction with automatic coating equipment such as the G-405, G-411 and G-421.



### Pro-M-Coat Dual Edge Screen Coater

Designed to provide easy control and cost-effective performance, the Pro-M-Coater features rounded edges to allow quick build-up of the desired emulsion thickness, and sharp edges for applying thinner deposits and face coats. Available in standard sizes ranging from 2" to 96".



### Precision Coating Rack

Fabricated from steel and zinc coating to ensure impact and chemical resistance, the Precision Coating Rack is capable of holding screens up to 72" in height.



## AMERGRAPH

### AdVantage® Exposure Systems

AdVantage metal halide exposure systems offer exceptional exposure speed, efficiency and reliability. Designed to produce efficient light reflection while giving optimum uniformity from the center to the corner of your frame.

**AdVantage 150:** 31" x 41" Maximum Screen O.D.; 1200 Watt

**AdVantage 350:** 34" x 47" Maximum Screen O.D.; 3000 Watt

**AdVantage 370:** 42" x 54" Maximum Screen O.D.; 3000 Watt

**Amergraph offers different units depending on your screen size. Ask Midwest to help you choose the one that's right for your shop.**

## Screen Exposure Units

No pre-press operation is more important than properly exposing screens. NuArc has a screen exposure system to fit virtually any need.

**First Light:** Versatile, affordable, and accurate, the First Light tabletop direct screen UV exposure system is perfect for startup manual screen shops. *Maximum screen frame size of 23" x 31".*  
**Also available:** Mega-Light.



**MSP 3140 CTS:** With the ability to produce exceptional results on both conventional and computer-generated screens, the MSP 3140 CTS is the logical choice for those using both screen types—and for conventional screen users planning for the future. *Maximum screen frame size of 31" x 40".*



**MSP 3140:** With superior performance at an affordable price, MSP 3140 is for those entering automatic printing and for quality-conscious manual printers. Compatible with all sizes of the Tri-loc® and Double Tri-loc® Registration Systems. *Maximum screen frame size of 31" x 40".* **Also available:** MSP 2125.



**Tri-Light CTS:** With the ability to produce exceptional results on both conventional and computer-generated screens, Tri-Light CTS is the logical choice for those using both screen types. *Maximum screen frame size 52" x 60".*



**Tri-Light ST:** Designed for high-production applications, its powerful shuttered light source, exceptional repeatability, and Tri-Loc™ compatibility make Tri-Light ST ideal for high-volume operations. *Maximum screen frame size of 52" x 60".* **Also available:** Tri-Light.

**Helios:** With the ability to repeatedly perform entire exposure sequences at the touch of a single button, Helios is the ultimate large-format exposure system. *Maximum screen frame capacities range from 60" x 72" to 86" x 180".* **Also available:** Helios T.



**6K/3K™:** Made for high-production applications, the instant-start, multi-spectrum, metal-halide lamps provide uniform coverage and precise exposures on freestanding and wall-mounted vacuum frames.



**SPVF Vacuum Frames:** Sized for large and multiple screen exposures, and with eight standard models and custom sizes, there's one to fit virtually every need. It's the ideal companion for stand-alone exposure units like NuArc's 6K/3K. *Maximum screen frame capacities range from 36" x 50" to 60" x 180".*

