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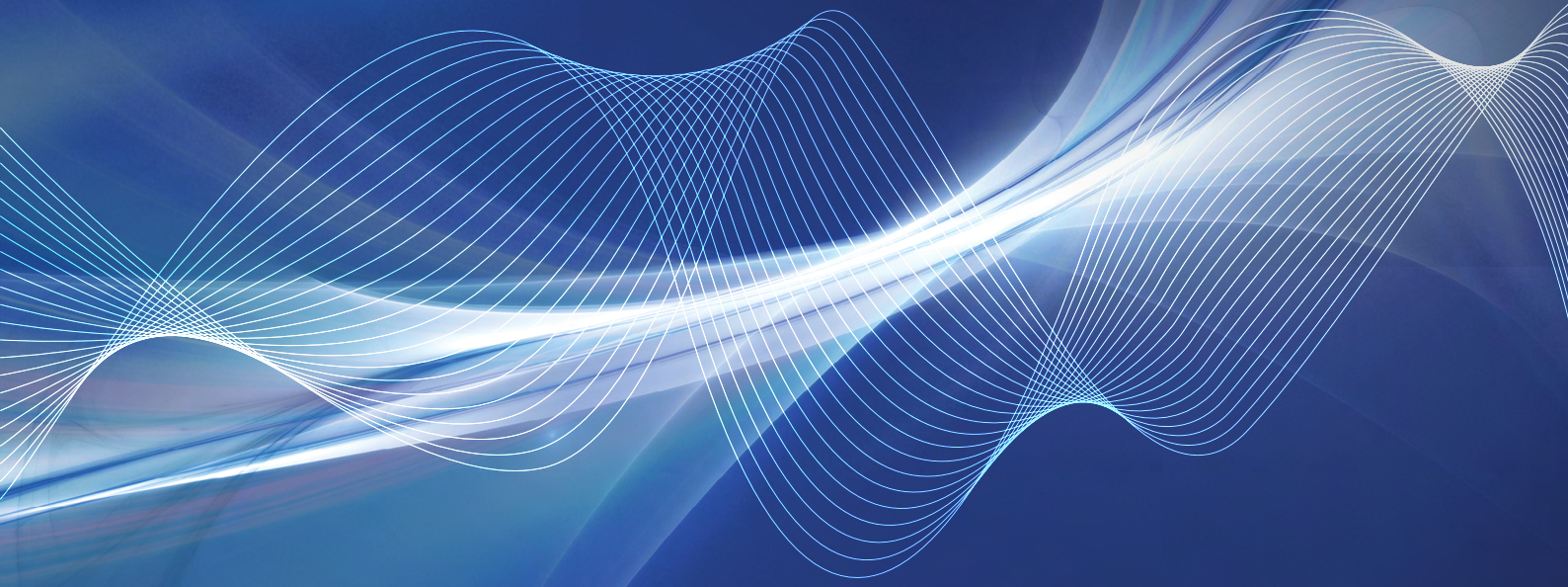
web processing worldwide

coating & laminating machines



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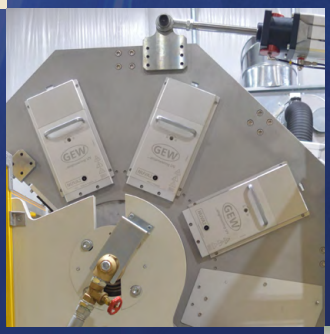
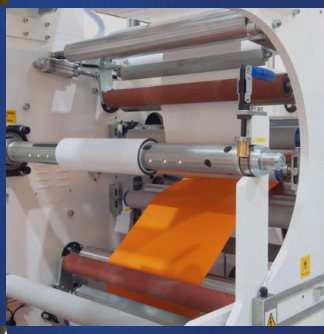
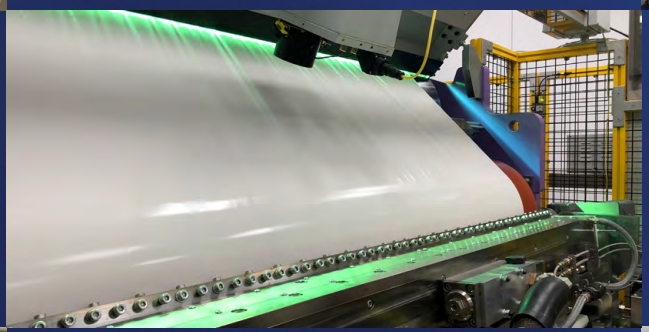
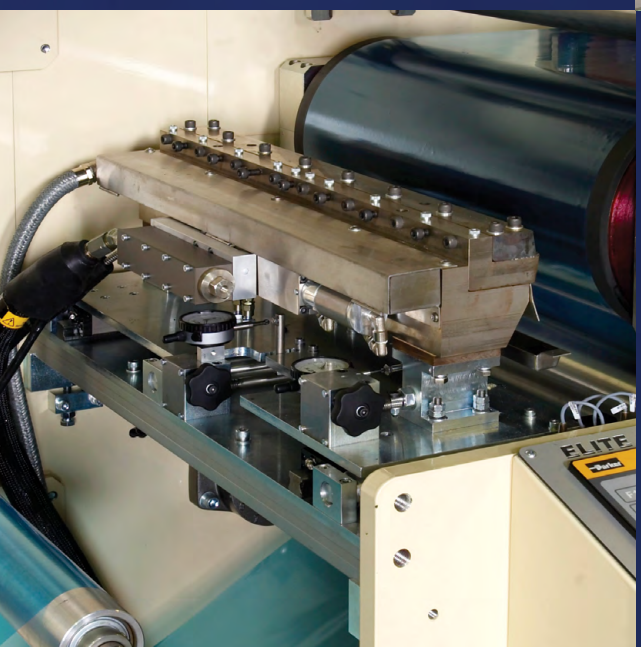
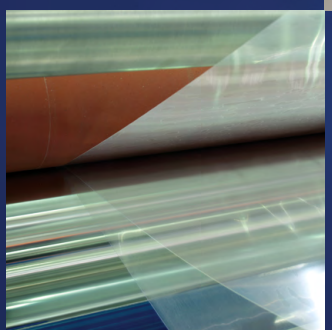










coating & laminating machines

The Elite Cameron brand has been established for over 100 years, with manufacturing facilities in the UK and USA, we have in excess of 12,000 machine installations Worldwide!

We specialise in Slitting and Rewinding, Log slitting, Coating and Laminating machines which are extremely versatile and capable of processing a wide range of materials. Our Coating and Laminating machinery is very competitively priced, providing a cost effective solution for the production of self-adhesive products.

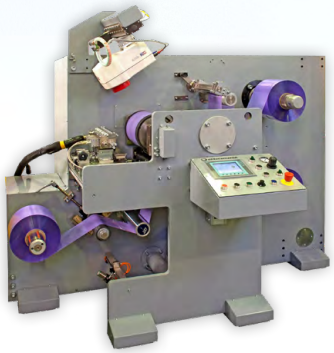
Our Hot Melt Coaters and Laminators provide efficient, high performance coating and laminating for the manufacture of label stock, tapes and a wide range of adhesive laminates. We can supply most makes of coating heads, tanks, coat weight measurement and inspection systems providing a turnkey solution to satisfy all applications.

key features:

- **Full Integration of Slot Die & Delivery System**
- **Compact Robust Design**
- **UV Curing System**
- **Coat Weight Measurement**
- **In-Line Web Cleaning**
- **Automatic Tension Control**
- **In-Line Corona Treatment**
- **In-Line Slitting and Rewinding**
- **Hot and Cold Lamination**
- **Latest CE/UL Build**

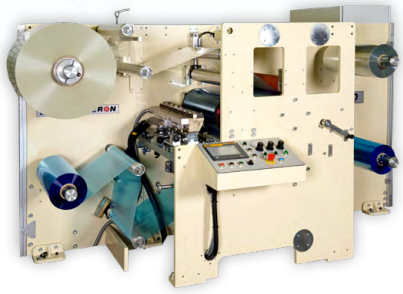
LM LAMINATOR SERIES

The LM range of laminators can be used to combine multiple materials using heat and pressure. Suitable for foam, film, non-woven and paper lamination a wide variety of designs are available to suit most applications.



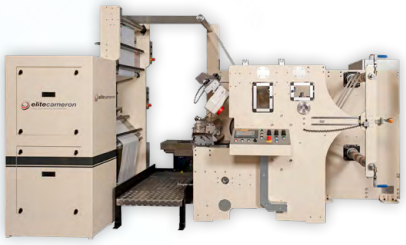
HM300 HOT MELT COATER

The HM300 is a compact design with dual unwind and rewinding facilities. This machine is used for short runs or when the ultimate precision is required. Cantilevered rewind and unwind shafts ensure rapid unloading and loading of material.



HM550 HOT MELT COATER

The HM550 is a compact design with dual unwind and rewinding facilities. This minimises the web path to maintain accurate tension control throughout the coating process. Cantilevered rewind and unwind shafts ensure rapid unloading and loading of material.



HM750 HOT MELT COATER

The HM750 has a separate unwind with removable shafts for large diameter reels. It has splice tables for each unwind for rapid change over. Automatic edge guiding and tension control are standard, with options for in line slitting, coat weight measurement etc.

HM1000 HOT MELT COATER

The HM1000 wide format coater is used to process large diameter, wide width rolls of material for high volume customers. This machine can be designed to incorporate several features including inline UV curing, web cleaning, corona treating, hot or cold lamination, and more. Several unwind and reel handling options are available.

coating & laminating machines specifications

Machine Model	HM300	HM550	HM750	HM1000
Construction	Cantilevered	Cantilevered	Cantilevered / Support	Supported
Web Widths	300mm (12”)	550mm (22”)	750mm (30”)	1600mm (63”)
Maximum Speed	100m/min (300ft/min)	200m/min (600ft/min)	300m/min (1000ft/min)	300m/min (1000ft/min)
Rewind Diameter	400mm (16”)	600mm (24”)	800mm (32”)	1000mm (40”)
Unwind Diameter	400mm (16”)	600mm (24”)	800mm (32”)	1000mm (40”)
Core Sizes	76mm (3”)	76mm (3”) 152mm (6”)	76mm (3”) 152mm (6”)	76mm (3”) 152mm (6”)
Tension Control	Auto	Auto	Auto	Auto
Slitting Options	Razor/Shear	Razor/Shear	Razor/Shear	Razor/Shear
Drives	2 motor	2 motor	2 motor	2-3 motor
PLC	AB Or Siemens	AB Or Siemens	AB Or Siemens	AB Or Siemens
Touch Screen Controls	Standard	Standard	Standard	Standard
Safety Standards	CE or UL	CE or UL	CE or UL	CE or UL

Standard features on all Hot Melt Coaters:

- Dual position laminating: Laminate on the coating roll or chill roll
- Quick release coating roll
- Stripe coating or full width coating
- Edge/line guiding
- Chill rolls

Other options:

- **Slot die options:** Valco, Nordson, EDI, ITW & others
- **In-line slitting:** With duplex rewind and shear, razor or crush slitting options
- **In-line coat weight measurement:** A variety of coat weight measurement systems and reporting software is available
- **UV Curing:** UV Lamps: For curing UV adhesives
- **Web cleaning:** Contact and contactless systems
- **Splice:** Vacuum or clamp
- **Pre chilling:** For direct coating of film products
- **Corona treating:** Single and double sided systems
- **Layon roll:** For high speed rewinding

Laminators:

- A wide range of Hot and Cold laminator designs are available to suit all applications

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