



**Monti Antonio** is a leading Italian manufacturer of machines for rigid substrate bonding and coating, transfer printing and finishing for various segments including textiles and paper. The company has Sixty years engineering experience with more than ten thousand customers in seventy countries worldwide.

The history and success of Monti has been built on two essential pillars. One is market knowledge and second is customer care provided by steadily expanding sales and service network.

**The most important technology that Monti offers customers is hot melt lamination.**

Hot melt lamination is a process which allows the end user to bond various substrates with Reactive polymers and Pressure sensitive thermoplastic polymers like Eva.

Hot melt laminating machines are used for extensive range of applications for various industries like sportswear, automotive, medical, upholstery and home furnishing, Interlining and clothing, Industrial fabrics, mattress cover ,luggage and footwear,insulation and sound proofing, geo-textiles etc.

The hotmelt polymer which can be Reactive PU, Polyamide, Eva, Non-Reticulating PU, Pressure sensitive melted through fuser/ melter is directly applied to a textile,foam or a nonwoven material by using an engraved cylinder for full coating distribution. When bonding is required, a second material is applied to the first one and passing through cooling cylinder.

Model 908-EVO, the Monti Antonio's solution for HM coating & laminating:



Versatility of working methods

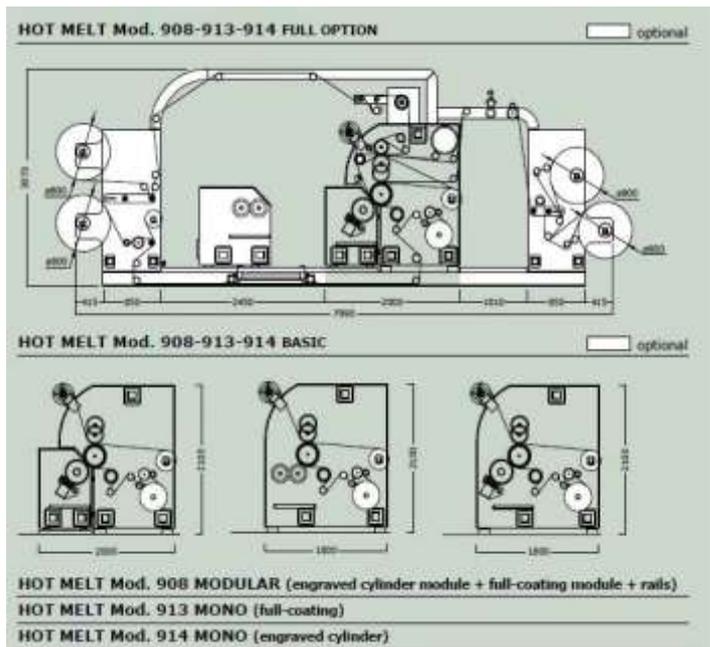
Precision of machine's controls: pressure and temperature

homogeneous high quality standard final output

Easy and Safety working system

### Machine Characteristics --

1. Teflon coated main cylinder is heated by an electric resistance in an oil bath in complete absence of air/pressure (closed-circuit system patented by Monti Antonio Spa). This system allows perfect temperature control and stability (maximum diff.  $\pm 1^{\circ}\text{C}$ ) for very uniform bonding;
2. Preheating of materials with teflon coated oil heated cylinders (optional);
3. Set of infrared lights to maintain the temperature of coated polymers (optional);
4. Dogal for two materials in entry: centring, opening, overfeeding / braking (optional);
5. Touch-screen for memory and settings: easy to use – guaranteed reproducibility of work settings;
6. Pressing cylinders with very precise and minute electronic settings (variations in tenths of a millimetre), for working with 'pressure sensitive' materials;
7. Basic machine is very compact – very contained overall dimensions;



8. Cooling cylinder for materials in exit, connected to a chilling unit (optional);
9. Possibility to invert the rotational sense of the machine.



**Hot melt laminating machines are use for vast range of applications for various industries as below:**

**Medical sector**



**Technical textile for sport garments:  
Waterproof, Breathable,  
Windproof Clothings**

**Automobiles**



**Geotextile,  
industrial  
application**

**Shoes industry,  
Bra cup for underwear**



**Military and safety  
industrial textile**

**Shoes Industry**

**Interlining and  
fashion textile,  
Matress and  
non woven**



**Upholstery**

**Black out  
curtain,**

### **Monti Antonio Reference in India :**

**1) M/s. BanswaraSyntex Ltd.**

Installed Machine detail: Model 914 width 2000mm.

**2) TechTex ( Group of Aarvee Denims)**

Installed Machine detail: Model 914 width 2000mm.