

# Jiangsu Kuntai Machinery Co., Ltd

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## **Subject:**

KT-PUR-2000 Hot Melt Glue Lamination Machine

### **Part one: Machine before delivery**

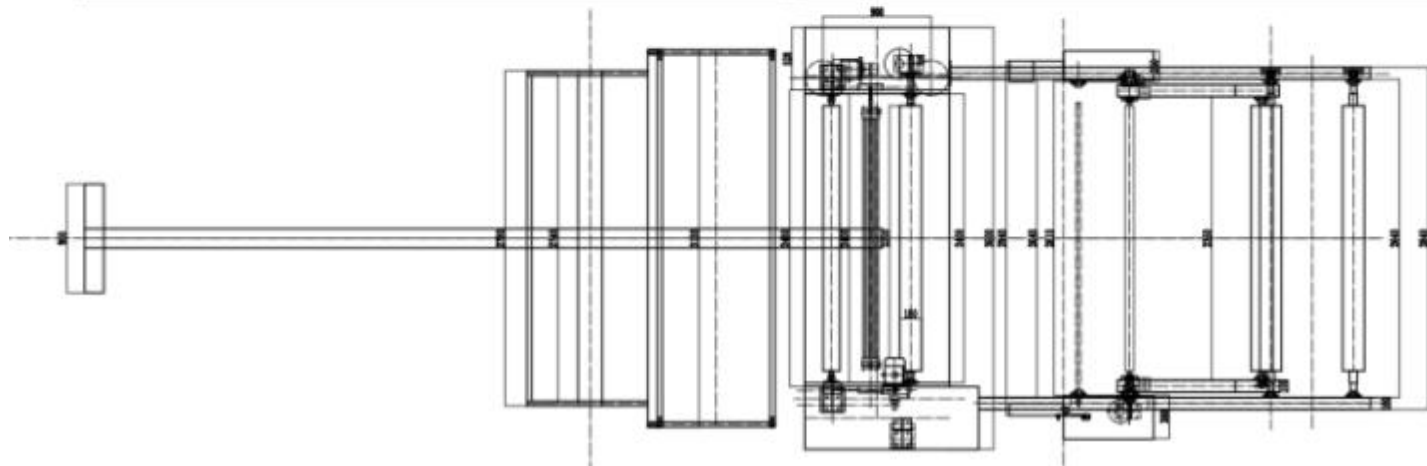






## Part two: Machine in our customers' plants





**Process one: fabric with fabric**





## Process two: fabric with film



## **Usage:**

1. EVA + PVC, PU or Artificial Leather
2. EVA + Fabric (for shoe materials, etc)
3. Neoprene + Fabric (for diving suit, etc)
4. PU Foam + Fabric (for bra, vehicle cushion, etc)
5. TPU Film + Fabric. (for climbing clothing, camouflage uniform, etc)
6. Fabric + Fabric. (for clothing, medical supplies, etc)

## **Key Features:**

1. Hot melt adhesives makes possible environmental friendly products and realizes no pollution during the whole process of lamination.
2. With this type of laminating machine, materials are firmly bonded and products are soft, comfortable, washable and breathable.
3. Controlled by Programmable Logic Controller system with touch screen and modular designed structure, this machine can be easily and simply operated.
4. Famous brand motors and inverters can be installed for stable machine performance.
5. Non-tension unwinding unit makes laminated materials smooth and flat, guaranteeing good bonding effect.
6. Fabric and film openers also makes materials feed smoothly and flatly.
7. For 4-way stretchable fabrics, special fabric transmission/conveyor system can be installed on the laminating machine.
8. Parallel centering unit makes sure the materials feed in order.
9. Specially designed gluing system well controls the adhesive amount and guarantees precision.
10. For the hot melt adhesive melter, temperature control is accurate and stable.
11. Final laminated materials can be rewinded into small rolls or large rolls.



12. Low maintenance cost and less running noise.

13. Advanced technology, secure quality control and satisfactory aftersales service make our lamination machines the first choice for customers both domestically and internationally.

### **What is Hot Melt Adhesive?**

In industrial use, hot melt adhesives provide several advantages over solvent based adhesives. Volatile organic compounds are reduced or eliminated, and the drying or curing step is eliminated. Hot melt adhesives have long shelf life and usually can be disposed of without special precautions.

The most advanced hot melt adhesive, moisture reactive hot melt glue (PUR & TPU), is highly adhesive and environmentally friendly. It can be used for lamination of 99.9% textiles. The laminated material is soft and high temperature resistant. After moisture reaction, the material will not be easily affected by the temperature. Besides, with lasting elasticity, the laminated material is wear resistant, oil resistant and aging resistant. Especially, mist performance, neutral color and other various features of PUR makes medical industry application possible.

When PTFE, PE, TPU and other functional waterproof and breathable films are used in laminating, waterproof and heat preserving, waterproof and protective, oil & water & gas filtration and many other different new materials will be created. The demands of garment industry, motor manufacturing, medical industry, environment protection industry will be met.

## Machine Package for oversea customers

