

LAMINATING & PVC BACK-COATING LINE

Working width	: Min.1200 mm, Max.4000 mm,
Working speed	: 7 meters per minute,
Primary goods	: Rug and blanket and fabric,
Coating type	: Pvc
Secondary back goods	: one side ironed felt and non woven,
Coating screen roller	: as produce as customer design,
Inlet	: Primary goods and also secondary back goods are up to 1000 mm diameter roll,
Lamination unit	: Fabric and felt are adhered with special pvc mixture.Pvc application is applied with a rotation printing system,then it is pressed and glued with compression rollers.
Coating Unit	:Designed as 64 reports,template mounting kits suitable for Storcks head,height adjustable according to product thickness.
Drying oven	: 12 meters lenght with 4 chamber and heated by infrared tube,each chamber has 36 kw power and temperature control can be made,the oven is covered with 50 mm thick isolation panels,there are 12 fans taht provide

hot air circulation in the oven,there is an exhaust fan on the furnace that transfers the vapor and smoke generated to the chimney (chimney roof connection not included)

Cooling unit : While the hot product coming out of the oven is on the belt,is cooled by cooling fans.

PVC preparing mixer : Volume 450 liters and blender power 30 kW and stainless steel tank,

Outlet : Folded width 1000 mm to the transport trolley

Synchronization : Synchronization between rollers is provided by dancer rolls.

General Descriptions:

- Electrostatic powder coating,
- All motors with gearbox by **YILMAZ REDİKTÖR**,
- All electrically equipments & PLC & touch screen by **SCHNEIDER**,
- All sensors by **SICK**,

LENGHT CUTTING MACHINE

Working width : 4000 mm.

Working speed : 6 meter / min

Product : Coating pvc

Cutting Unit : Total 5 cutting unit each one with 350 mm diameter cutting blade driven by AC motor

Entrance : Folded product is transport with gearbox.Before entrance cutting unit centering with guiding unit.

Exit : All cutting product is folding to trolley 1000 mm width

Synchronization : All transport roll with gearbox is covered by belt wear resistant and high adhesion.The synchronization inside the transport roll arrange with dancer roll.

General Details :

- Electrostatic printed
- All electric and electronic part is Schneider Electric, pneumatic parts is Festo, Gearbox and motors is Yilmaz Mark

OVEREDGING LINE

Working width : 4000 mm.

Working speed : 6 meter / min

Product : Coating pvc

Entrance : Folded product is transport with gearbox inside to J-box. Machine designed for non-stop working.

Side overedging Unit : The main head of overedging is not include in offer. Electronic photocell system moves by the coming side of the carpet. Using puller system in the exit of overedging head for regular transport.

Rolling Unit : Automatic Wall to Wall Rolling machine located in exit of line and possible to roll how many meters if desired. Electronic settings for hardness detail.

Synchronization : All transport roll with gearbox is covered by belt wear resistant and high adhesion. The synchronization inside the transport roll arrange with dancer roll.

General Details :

- Electrostatic printed
- All electrics and electronics part is Schneider Electric, Gearbox and motors is Yilmaz Mark

WALL TO WALL ROLLING MACHINE (for 4 meter carpet)

- Working width 60 cm- 400 cm carpet
- Edge follow system with sensor
- Movement side support with linear and pneumatic system(2 fix 2 movement edge restraint)
- regular Roll, through total body moving according to upcoming rug.
- ability to adjust roll tightness by means of both 2 motor speed controlled.
- Plc system
- Tension for Rolling(changable hardnees)
- Length counter
- Electric panel
- Electrostatic powder coat for chassis