

广州合源木材加工机械有限公司 顺恩机械（广州）有限公司

Guangzhou Heyuan woodworking machinery Co.,Ltd

HY-PUR-1400B

PUR PANEL LAMINATING MACHINE

(Three-roller glue spreader)



HY-PUR-1400B PUR Single side lamination line: (Three-roller glue spreader, complete cover for prevent dust)



Intorduction:

This machine line is for PUR hot melt glue which is for the lamination of various kinds of material, it's especially good for the lamination of high gloss materials. PUR hot melt glue is a kind of the adhesive which reatives with the moisture in the air, no smell, no harming.

Materials:

Panel: Partical board, MDF, Plywood, Plastic board, gypsum board foamed plastic board etc.

Cover Material: PET, PVC, Paper, HPL, CPL, Acrylic, Meter filmetc.

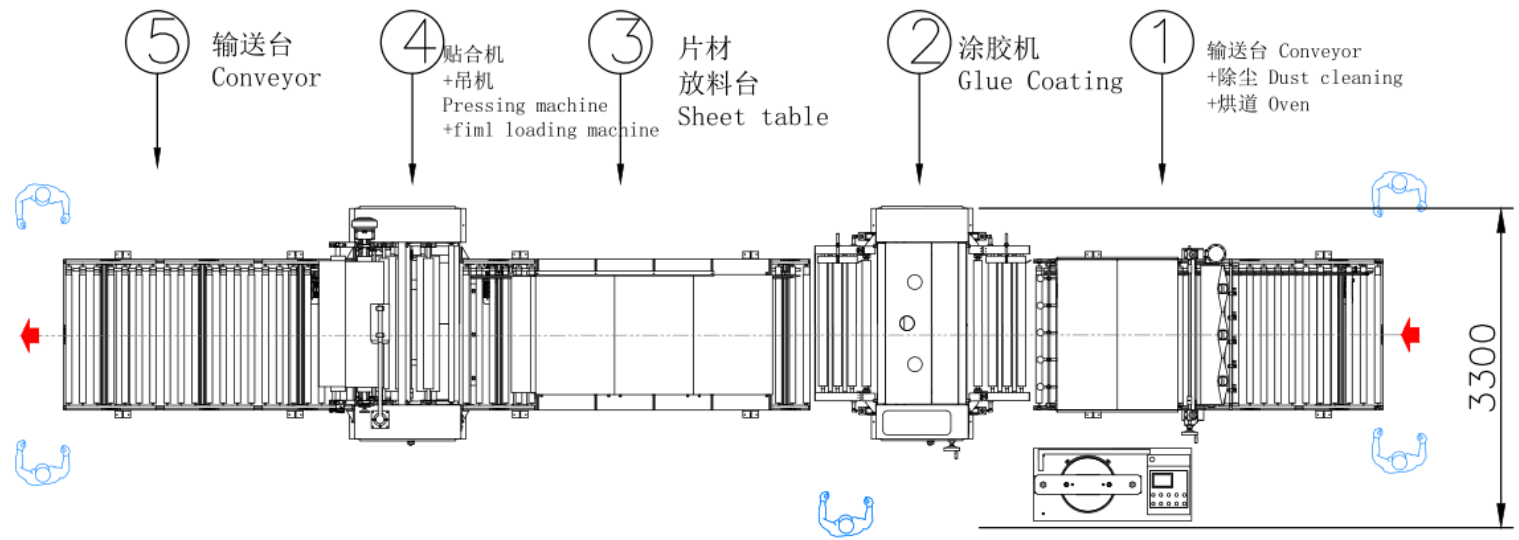
Glue: PUR hot melt, PO, PSA,EVA hot melt.

HESSAN WOODWORKING MACHINE



- 1.1. Working table with conveyor rollers.
- 1.2. Dust cleaning is for removing the dust and small articles on the plywood board before coating the glue.
- 1.3. Panel preheating oven before gluing. Because of the PUR hot melt, the preheating system can prolong the working time of adhesive.
- 2. Single side glue spreading,. Oil heating system is used on dosing roller, coating roller and crush roller. The precise heating elements, which create a stable and even temperature, make the glue coating flat, equal and glossy. Combining with the glue melt tank, this machine can continuously provide top quality and high efficient production.
- 3. Manual film placing unit. It's suitable for kinds of cover films in sheetings.
- 4. Roll Presser. Two groups of rollers with hydraulic syetem gives the pressure to the combined materials. The pressure is adjustable, with expanding shaft and powder bake, film in rollers can be easily handled.
- 5. Working talbe for with conveyor rollers.

Side view



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Technical data:

1.1 Panel in feeder with conveyor:

Conveyor roller: $\phi 56 \times 1410$;

1.2. Dust cleaning machine:

Power: 0.55kw

Brushing roller: $\phi 190 \times 1350$;

Antistatic Sisal

1.3. Heating oven:

Heating power: 12KW;

2. PUR Glue spreader:

Transmission power: $2 \times 1.5KW + 0.75KW$;

Upper roller lifting power: 0.37KW;

Heating power: $2 \times 7.5KW$ (Oil heating) ;

Coating roller: $\phi 240 \times 1400$, silicon rubber;

Shaving roller: $\phi 240 \times 1400$, Ceramic.

Down roller: $\phi 240 \times 1300$, chromeplate surface;

Dosing roller: $\phi 216 \times 1400$, Steel;

Shaving roller: $\phi 240 \times 1400$, Ceramic.

3. Cover film placing unit:

Conveyor roller: $\phi 63 \times 1410$

Transmission power: 0.75kw

3. Cover film placing unit:

Conveyor roller: $\phi 63 \times 1410$

Transmission power: 0.75kw

4. Lipping roller press machine:

Transmission power: 3kw

Upper roller lifting power: 0.37kw

Laminating roller: $\phi 240 \times 1400$, Rubber;

Laminating roller: $\phi 240 \times 1400$, chromeplate

PVC expand roller: $\phi 100 \times 1400$, chromeplate;

Pneumatic pressing

Air shaft for PVC in rolls: 1pc

Magnetic powder brake: 100N.M

Lifting crane: 0.75kw

5. Out feeding conveyor:

Conveyor roller: $\phi 56 \times 1410mm$

Transmission power: 0.75kw

6. PUR Glue hot melt tank , 1 pcs

Working date:

Size of panel: 1220mm \times 2440mm

Thickness of panel: 2-40mm

Working speed: 5-17m/min

Transmission power: 12.86KW

Heating power: 42 KW

Size of machine: 14m (L) \times 3.3m (W) \times 3.1m (H) Inverter speed control for the hope line

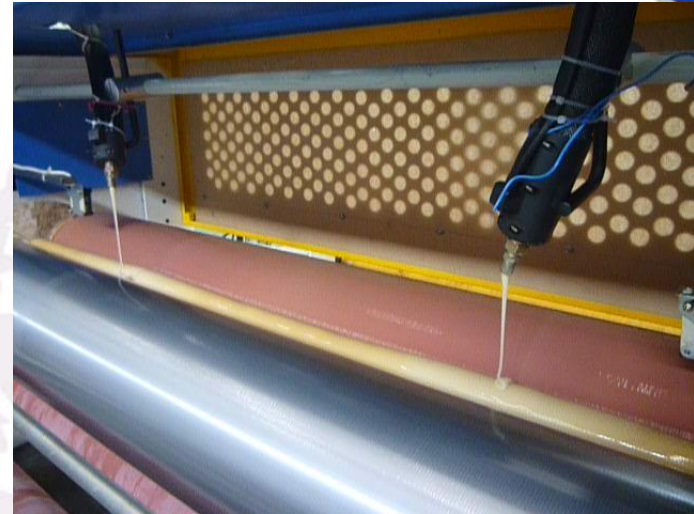
Minimum Space required: 6m X 20m

Labor required: 6 workers Capacity: 3-5pcs/min, maximum about 1200pcs/day for 8 hours working

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PUR Hot melt tank:



Working ability: 30kg/hour

Application pine: 2 pcs

Size: 1660x650x2240mm

Weight: 305kg

Main power: 14.6kw

Working voltage: 380V 50/60Hz

Air compressure: 8.0kg/cm^2

Motor rorating: 0.5-60/min

Diameter of piston: 571mm

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Machine detail Images



Belt brush



Heating Oven



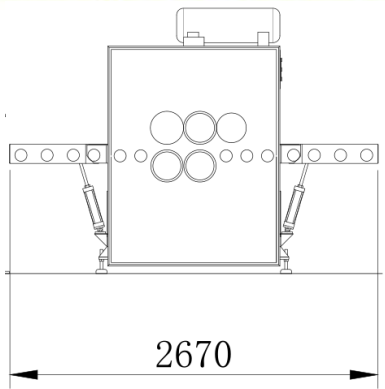
PUR glue spreader



Pressing unit & double sides hoist



Trimmer



合源机械
PUR三辊涂胶



With new glue spreader, the surface of glue coating is glossy like a mirror. The glue coating amount can be controlled minimum 15-20g per square meter. It gives you a perfect effect for thin pvc lamination.

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Qoutation of the spare part and delivery time:

No	Name of spare part	Life of use	Price	Delivery	Guarantee
01	Rubber roller	6-9 month (Life of rubber)	USD 2500 (Rubber) USD 4800(New roller)	15-20 days	3 months
02	Heating lamp (Oven)	2 years	USD 75/pcs	10 days	3 months
03	solid state relay	1 years	USD 76/pcs	10 days	1 year
04	chain	3 years	Customer can by from the market	5 days	1 year
05	Bearing	3 years		5 days	1 year
06	Eletrical element	3 years		5 days	1 year
07	Other	Over 5 years			1 year

Main consumable damage reasons:

1.Coating roller: glue roller surface damage, rubber peeled off, hard thing scratches, erosion from glue residue.

2.Heating pipe: instable power supply, or dry heating, damp;

3.Solid-state relay: overflowing burnt out; (tried many domestic and foreign suppliers, such appliances is likely to damage)

4.Chain: long-term transmission worn, fatigue; (the designed life in 10000 hours or so)

5.Bearing: long-term transmission worn, fatigue; (the designed life in 15000 hours or so)

6.Electric parts: according to the actual situation;

7.Other reasons: in addition to the accident reason, the designed life in 5 years or above;

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Quotation :

Product name	Spec	Qty	Unit	Price (USD)	Remarks
HY-PUR-1400-S High Gloss Laminating Machine	φ240X1400	1	set	68000.00	Semi-automatic production line, with 1pc 55gallon glue melt tank
TOTAL					FOB Guangzhou

Price term: FOB Guangzhou In USD

Payment: 30 % deposit should be paid and 70 % balance should be paid after confirm before loading.

Packing: Plastic film

Time of delivery: 35 days after confirming the order

Installation: We will provide the installation service for the customer as requested. If the buyer request the seller to do the service in the seller's work place, the charge for applying visa, round tickets should be paid by the buyer as well as the food and hotel. USD100 per day should be paid for each technician's salary. Machine is under one year guarantee.

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Thanks!

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