

**Innovation Never Stops**

**ThoYu**  
TO YOU FOR YOU

# Wood Pallet Machines

For EPAL Pallet



# 1. CNC wood saw



Model	PMCS-4000	PMCS-6000
Dimension of working table	5000*700*980mm	7000*700*980
Max cutting length	4000mm	6000mm
Max cutting width	200mm	200mm
Blade diameter	500mm	500mm
Max cutting height	100-160mm	100-160mm
Main spindle rotating speed	3500/rpm	3500rpm
Main motor power	7.5kw	7.5kw
Net weight	950kg	1100kg
Overall dimension	7300*1200*1500mm	9300*1200*1500mm

- Cutting length is set easily on program and can be changed anytime.
- It can cut pallet blocks, pallet planks, carton board, small diameter logs etc.
- One worker operation
- Automatic feeding is optional.
- Siemens motor.



**SIEMENS**  
SIMOTICS Motors

Performance range  
from 0.09 to 4000 kW





# Application in plant

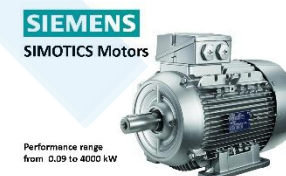


## 2. Pallet block cutting machine (multiple-blade model)



Model	PMC-7000
Overall dimension	1950*1450*1300mm
Precision	0.5mm
Max cut width	200mm
Max cut thickness	120mm
Max cut length	1250mm
Feeding speed	7s/cut
Main motor power	30kw
Voltage	380 V 50 Hz 3P
Net weight	1100 kg
Blade size/quantity	355*3.2*60T*30/14pcs
Electrical parts	Schneider
Bearings brand	NSK from Japan

- Optional automatic feeding and stacking.
- Need parts to change block height
- 2 workers for easy operation.
- Siemens motor.





# Final cut pallet blocks.

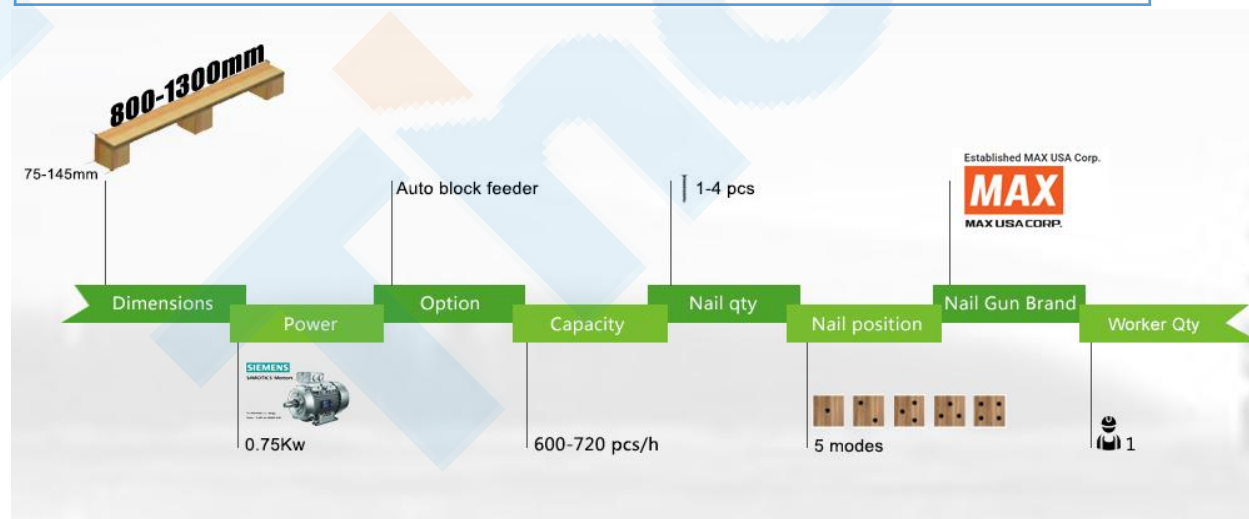




### 3. Automatic pallet legs nailing machine.



<b>Model</b>	<b>PMLN-1300</b>
<b>Working flow</b>	Manual feeding-Auto nailing
<b>Motor power</b>	0.75 kw servo Siemens motor
<b>Weight</b>	1,100 kg
<b>Speed</b>	4-6 sec /leg
<b>Production efficiency</b>	720 legs/h
<b>Voltage</b>	380V 3 phrase 50hz
<b>Bottom size</b>	Adjustable
<b>Overall size</b>	2200*1800*1700mm

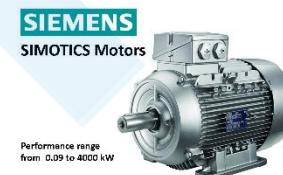


## 4. Automatic pallet nailing and stacking machine.



<b>Model</b>	PMANTR-1300WD
<b>Working flow</b>	Manual feeding-Auto nailing-Auto stacking
<b>Operating mode</b>	Touch screen control
<b>Operational mode</b>	Pneumatic operation
<b>Motor power</b>	3.35 kw servo Siemens motor
<b>Air pressure</b>	0.8MPA (Need 7.5kw air compressor)
<b>Tank size</b>	0.2 cubic
<b>Nail gun speed</b>	7 sec /time
<b>Production efficiency</b>	60-65 pallets/h
<b>Apply nail length</b>	adjustable
<b>Voltage</b>	380V 3 phrase 50hz
<b>Pallet size</b>	Adjustable

- Any pallet sizes can be produced by customized nailing machine.
- 2 different models for stringer pallet or block pallet.
- Only need 1 worker's easy operation.
- Safety design for pallet nailing.



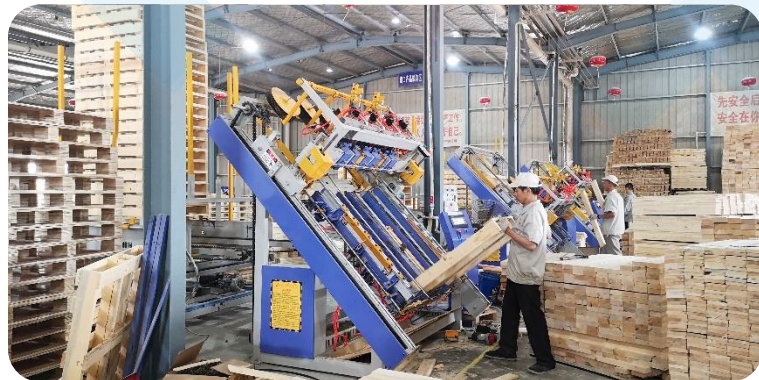


# Automatic pallet nailing and stacking machine.





# Automatic pallet nailing and stacking machine.





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