



Wuxi LOTOS International Trading Co.,Ltd
ADD: NO 291, GUANGYI RD, CHONG AN DIS, WUXI CHINA
Tel: +86-186-2607 1986 Fax: +86-510-6878 5681

Wooden Pallet Base Production Line

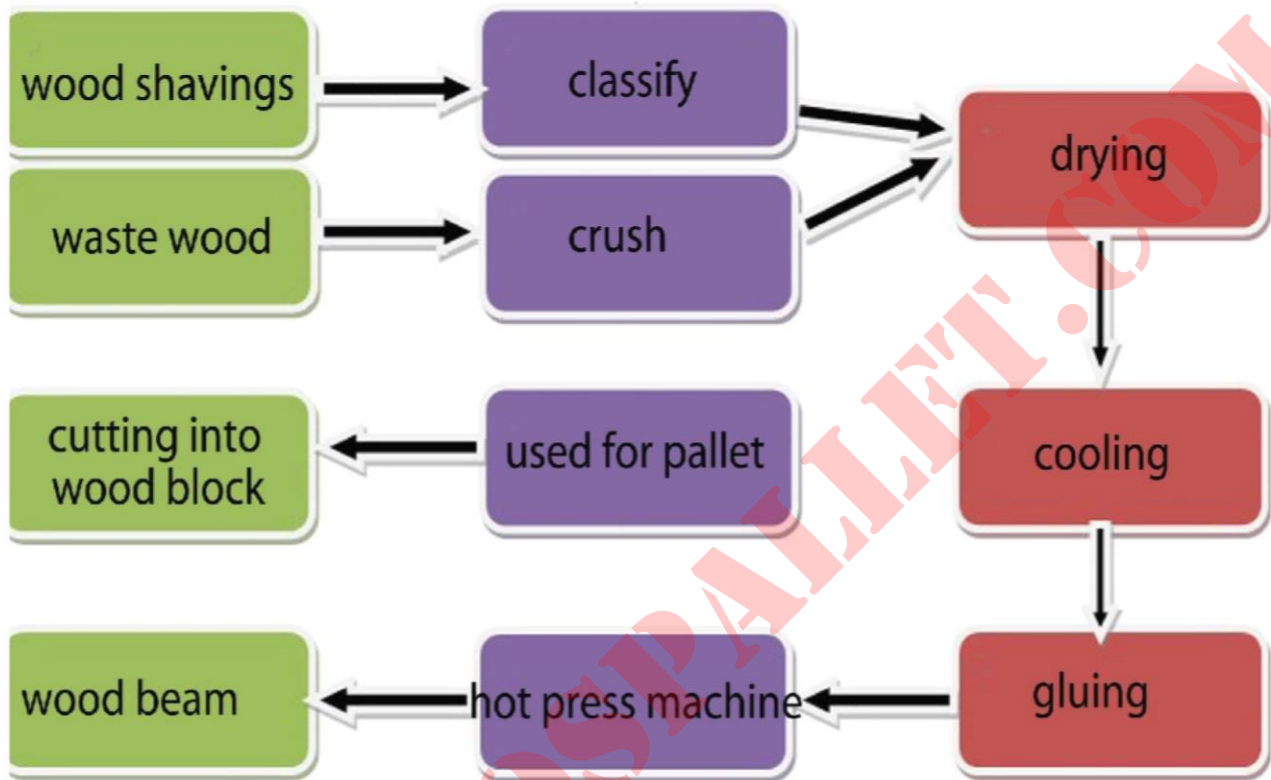
Technical Proposal





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Wooden Pallet Processing Line





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1. Crusher + Bag Filter



Technical Parameters:

Model	LTS-50
Motor	22kw
Rotating Speed	2400
Capacity(3*3mm)	800-1000kg/hr
Blower diameter	360mm

Note:

If the materials log is bigger than 5*5cm (smaller than 200mm, it is necessary to crush the material into 5*5cm for further processing.)

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2. Dryer machine + Feeding Conveyor



Technical Parameters:

Name	Dryer-30
Power	7.5kw
Appearance Dimensions(L*W*H)	8600*1600*2900mm
Weight	2500kg
Thickness Pipe	2mm
Diameter of Big Pipe	400mm
Diameter of Small Pipe	320mm
Working Capacity	800kg/hr
Revolving Speed	8r/d
Air Rate	10000m ³ /h
Air Heat	250CO
Water Weight Detached	200kg/hr
Operating Air velocity	8m/s
Utilization Efficiency	85%
Moisture Content of Raw Materials	30%

Note:

1. If the material's moisture is above 15%,the drying machine is needed to dry the moisture under 15% before mixing the material (e.g.sawdust) with glue.
2. The productivity can be designed as the requirements from customers.
3. In the sawdust dryer, high-speed hot air stream sustain raw material in the suspending state, then the material is dried.
4. Since air stream speed is very high, and materials suspending in air stream, the heat transfer surface between air and raw material is large, so the heat transfer rate is high.

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3. Glue mixer + Feeding Conveyor



Technical Parameter:

Item	Glue mixer
Motor Power	7.5kw
Wall Thickness	3mm
Baseboard Thickness	6mm
Weight	300kg
Appearance Dimension	1500*1000*1300mm
Operation Mode	Motor Operation
Axis Materials	4.5# steel
Rotate Speed	960cycle/min
Mixing time	1-3min/time
Working Capacity	1800kg/h
Working Principle	High efficiency

Note: 15%-18% glue for 100kg raw material

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4. Hot press Machine



Technical Parameter:

Compressed Wood Block Size	m ³		Formula to convert into no. of blocks	No. of Blocks /Hr
85x85x85 mm	0.000614	Cubic Meters	.17/.00050625	335.8024691

Note:

1. This cushion has the diameter 18-28mm vertical heart garden hole according to the different specification, conforms to the European Tray Association the load-bearing wooden block's manufacture instrument of ratification stipulation which is made by the wooden dregs board (the load-bearing wooden block specification 100mm*145mm diameter not to be able to surpass 32mm, the 145mm*145mm diameter not to be able to surpass 40mm). (The size could be customized)
2. State Forestry Bureau East China lumber and woodware quality surveillance test center check result
3. Formaldehyde release quantity (mg/100g): 21.4 conform to E2
4. Grasps the bolt strength (N): 980
5. In bonding strength (Mpa):1.76

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