4 Things of Plywood Making Machine- Hydraulic Hot Press Machine



Keywords:
#hotpress #plywoodhotpress #hydraulichotpress #plywoodpressmachine #hotpressmachine

1. FUNCTION

The veneer sandwiches are subjected to heat and pressure in the hot press until the glue is cured. Hot press machine cures most synthetic resins adhesives. In hot press machine, it is absolutely necessary to load, close to the press and apply full pressure as quickly as possible. The goal of hot pressing is for the center glue line to reach the needed curing temperatures, and for it to remain at that temperature until the bond is strong enough to be handled.

The heating rate of the core layer of plywood during hot-pressing is of great importance to the final quality of the plywood and is affected by many factors, such as the hot-pressing temperature(Thp), pressure(Php), hot-pressing time(Thp), veneer layers, and moisture content

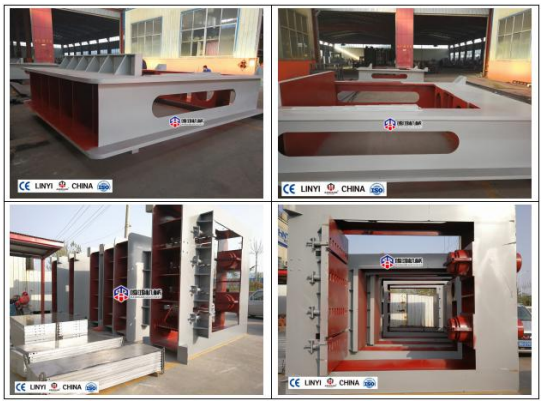
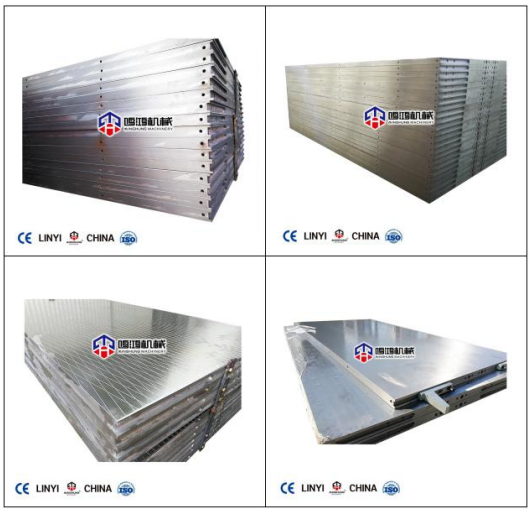
Plywood hot press machine is one necessary machinery for producing plywood, it has different layers and pressure, like 10layers, 12layers, 15layers, 20layers..., 500t, 600t, 800t, 1000t, 1200t..., according to the real conditions and requires, offer suitable hot press machine.
if you press common type plywood, then 500t 15layers hot press is a good

choice. And if you want to laminating melamine or face veneer on plywood, then it require hot press big pressure, usually 10layers 800t hot press is good working.

The hot press machine will connect with your boiler, you can choose steam boiler or oil boiler, all no problem. One cycle time is not fixed, it is related with your plywood thickness, if thickness is thin, then the pressing time will be short, if thickness is thick, then the pressing time will be longer; and the glue you use. Some our clients pressure 10-20mins, some press half an hours, some press more.

2. STRUCTURE

Hot press for plywood making ‘s structure is simple and not complex, mainly consist of upper beams, hot platen, hydraulic cylinder, hydraulic station.

	Hot press machine frame uses international standard steel material, very thick and good quality. Hot press machine weight is heavy duty, very stable and strong.
	Usually hot platen use 42mm or 52mm, The hot platen be processed by large lathe, make the surface is smooth, with sufficient strength and stiffness. It does not deform at high temperatures, and the temperature and heat are uniform. This makes the plywood heated evenly, the surface is flat, and the thermal efficiency is high, which improves the production efficiency.

	Hydraulic station is one important part for press machine, Our hydraulic station be designed by our engineer, reasonable design of hydraulic system, save energy, all hydraulic components are arranged reasonably, neatly and beautifully placed, and the components like electromagnetic valve, hydraulic pump all use good one.
	The oil cylinder is treated with anti-rust, alloy casting, high hardness, scratch resistance, suitable for high-strength operations, and uses a good oil seal to prevent leakage, ensure the pressure in the oil cylinder, and good performance

3. OPERATION

https://youtu.be/rQPCFlrqRJk

Watch this video, you will know how plywood hot press working. It not complex, and easy operate.

There has button, press it, the hot press will open, then put plywood into it, press the close button, hot press machine will automatically close and working, the pressing time not fixed according to your plywood thickness and the glue material, it may press 10-20 minutes, also can press half an hour.

In the end, the plywood will be solid and flat, strong and keep good shape, very good quality.

4. MAINTAIN

(1) hot press machine should be responsible by specific worker who know clearly machine well.

(2) once find any problem, should stop machine right now, solve then start.

(3) should change hydraulic oil every three or six months, and clean the tank.

(4) every time, before starting hot press machine, should check the parts of hot press are ok.

Etc

Factory introduction:

We manufacture plywood machine and veneer machine with many years, through continuous improvement and development, with professional designers, experienced workers, and good sales team and after-sales team, we can offer you the most suitable and good plywood machine to you, for helping your business going better, help you create much benefits.

Our machine mainly includes: wood log debarker, veneer peeling machine, veneer stacker, veneer dryer machine, plywood veneer paving line/lay out machine, core composer, glue spreading machine, plywood cold press machine, plywood hot press machine, plywood edge cutting machine/plywood trimming saw, plywood sanding machine for calibrating plywood thickness.

Our factory principle is: help more clients get good and suitable plywood making machine, not the most expensive one.

When you choose us, you will be surprise that we are one factory who are sincerity and insist think problem standing your positions. We will be your good partners trying help your business going well.

The moment when you choose us, we have been your life time partner and service, even after warranty, you need not worry about anything, because when you meet problems that you can not solve it, tell us, we will try help you solve it as soon as possible.

After finish production, our engineer will test machine until make sure it is in one good conditions.

When machine reach your factory, our engineer will go to install and teach your workers how to operate and maintain.

And in the future, if you have any problem about machine, we also try help you solve it.