



**Wood-based Factory Project
Complete Solution
GEELONG**



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**中国吉朗机械制造有限公司
临沂吉朗进出口有限公司**

China Geelong Machinery Manufacture Company Limited
Linyi Geelong Imp. and Exp. Co., Ltd





公司简介 COMPANY INTRODUCTION

中国吉朗机械制造有限公司（临沂吉朗进出口有限公司），坐落在美丽的物流之都-临沂，是一家专业生产和销售胶合板设备，刨花板设备，密度板设备，地板设备，贴面设备的专业公司，并拥有自营进出口权。公司经过 20 多年的累积和发展，始终坚持走自主创新、科学发展的道路，现有的主导产品、辅助产品，伴随市场需求不断更新换代。专业生产各种规格的多层板，地板，贴面板，刨花板，密度板，定向刨花板生产线设备及专用设备，凭借优质的产品、完善的售后服务体系，赢得了国内外客户的认可，产品远销亚、欧、非、美洲等二十多个国家和地区。

吉朗机械，专注木材加工设备，做同行业领航者，一次合作，终生朋友。

China Geelong Machinery Manufacture Company Limited.(Linyi Geelong Imp. & Exp., Ltd.) is a professional machinery company in producing and selling plywood machine, particle board machine, MDF/HDF machine, flooring machine, lamination press, located in beautiful logistics city "LINYI", and also won license for direct import and export by the state government.

After 20 years' experience and development, it always adheres to the independent innovation and scientific development way. Now leading products and auxiliary products follow the market demand and upgrade increasingly. Specializing in the production of various professional plywood, flooring, laminated board, particle board, MDF/HDF, OSB complete lines and equipment. Machines are also exported to 20 countries and districts in Asia, Europe, Africa and America with high-quality products and best service, it has won the recognition of customers inner China and abroad.

Geelong machinery, hailed in wood-based machinery, flight being as leading manufacturers and exporters in same industry, one time cooperation, whole life friends.



公司优势 GEELONG advantage

1. 经验丰富-吉朗设备生产工厂已经有 20 多年的生产经验，覆盖厂房建设，木业设备，板材工艺，板材销路，生产耗材，售后服务等多个模块，专心打造一条龙打包服务，省钱，省时，省心！
2. 质量赢得信任-吉朗设备主体框架全部为国标高强度板材，液压油缸全部无锡专业厂家制造，电气元件为三菱，台达，施耐德，欧姆龙等国际知名品牌。
3. 个性化定制服务-吉朗有专业的设计团队，可以根据客户的具体要求，来设计机器设备，更满足客户的各种复杂的生产需求和要求。
4. 自动化程度高-吉朗将产业升级提上日程，以生产常规设备为基础，以生产全自动化设备为目标，全心为客户打造现代化板材设备工厂。
5. 豪华接待服务-吉朗有奔驰和别克商务接待车，精准的翻译和产品介绍，让我们的客户更能找到适合自己生产需求的设备。
6. 团队服务更显公司力量-吉朗有专业的采购队伍，生产派单，设备过程中检验，发货前检验，装货时监装，设备加固等分工服务，每项工作具体到人，工作细心，做到零失误。
7. 品质控制铸造品牌。吉朗全体员工无时无刻不在把控质量，质量控制才是第一位的，我们相信，购买吉朗品牌木业设备，助您成就千秋伟业。

1. Rich experience-the factory of geelong machine already has the 20 years' production experience, covering plant construction, wood-based machinery, board production technology, board marketing, board production consuming materials, after-sales service...etc various parts, concentrate on building a dragon packing service, money saving, time saving and efforts saving.
2. Quality wins Trusting-geelong equipment main frame all is high strength plate of national standard, hydraulic cylinders all made by WUXI professional factory, electrics all is international famous brand, like Mitsubishi, Delta, Schneider, Omron...etc.
3. Personalization service-geelong has its professional design team, we can design the machine according to clients' special and detailed requirement, and more can meet our clients' various and complex production needs and requirements.
4. High degree of automation-geelong has put the industrial upgrade on the agenda, conventional machines' production as basement, fully automated machines' production as goal, aim to build a modern wood-based factory for our customers.
5. Deluxe reception service-geelong has the Mercedes Benz and Buick business car for reception, accurate translation and product introduction, and can let our clients can find very suitable machines to meet their production requirements.
6. Team service shows the strength of our company-geelong has professional purchasing team, production arrangement, inspection and correction during production, inspection before shipment, monitoring during loading, machines' fastening work inside container...etc service division, each job is responsible to the person, careful working and make zero mistake.
7. Quality control creat BRAND-geelong all hands set quality control as the first place all the time, and we believe, buying GEELONG BRAND wood machine, helping you to achieve a great deal of life.

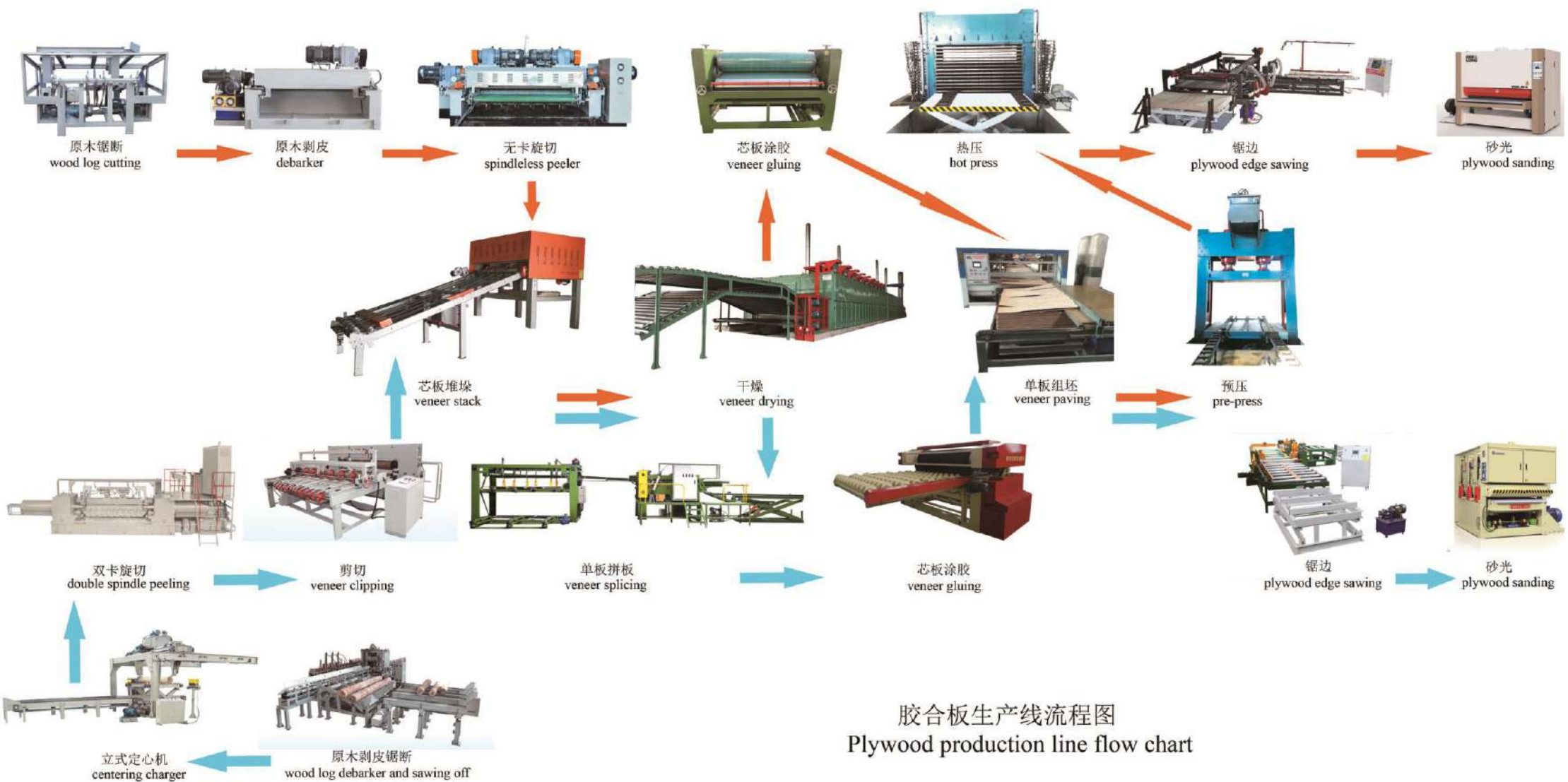


客户来访
Clients visiting



设备发货
Machine delivery

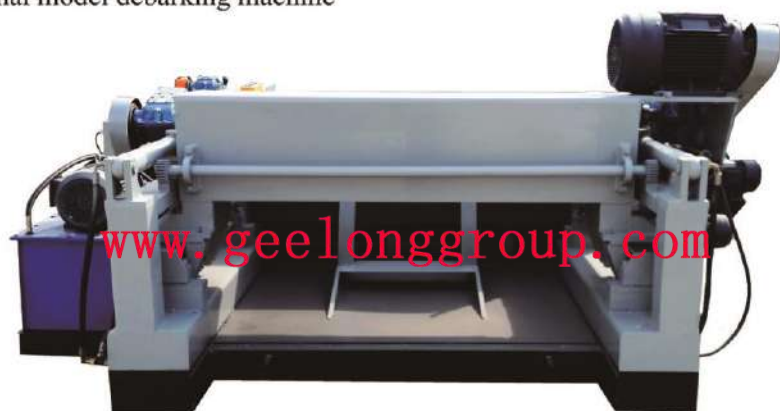




胶合板生产线流程图
Plywood production line flow chart

4 尺轻型标准剥皮机

4ft normal model debarking machine



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如果木段不经过剥皮而直接进行旋切，细长纤维容易堵塞刀门。另外树皮内的金属和泥沙等杂物容易造成崩刀。因此，木段在旋切前，必须先把树皮剥净。该设备是木段剥皮、旋切前的主要设备。

If the wood log is rotary peeled directly without wood debarking, the bark fiber block blade seam easily. And there is the metal and soil sand in the bark, these things easily damage the knife blade during veneer rotary cutting work, so the wood bark must be removed before rotary veneer peeling. This machine is main equipment to remove wood bark and before veneer peeling work.

特点 Features:

1, 双辊进退, 上木出木方便, 提高打皮速度。

The double roller comes forward and backward. It is convenient for wood uploading and wood unloading, which can improve the speed of bark removing work.

2, 结构设计合理, 运行稳定, 操作简单。

Reasonable machine design, machine runs stably, easy operation.

3, 采用液压进给系统, 调节压力适应不同木材的除皮、修圆。

Adopting hydraulic feeding system, the pressure can be adjusted to suit different density of wood.

4, 工作宽度和开口直径可根据客户要求定做。

The machine's working width and opening stroke can be customized according to client's requirement.

技术参数 Technical parameters:

型号 Model No.	GDB/4L
木材长度 Wood length	900-1300mm
木材直径 Wood diameter	Φ60-Φ550mm
刀片长度 Blade length	1400mm
旋切单板厚度 Thickness of veneer peeler	1-3mm
主机线速度 Linear speed of host machine	51m/min
双辊直径 Double roller diameter	200mm
单辊直径 Single roller diameter	150mm
双辊电机功率 Double roller motor power	11kw
单辊电机功率 Single roller motor power	7.5kw
液压电机功率 Hydraulic station motor power	5.5kw
总功率 Total power	24
总重量 Total weight	3500
设备尺寸 Machine dimension	4500*2100*1400

4ft 重型升级剥皮机

4ft heavy duty updated debarking machine



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此设备是在 4 尺轻型标准剥皮机基础上的升级改造，整体利用钢板焊接而成，结构更加稳定合理；液压站配备液压冷却装置，避免油温过高对油封有损害，并高质量的液压配置，可以保证机器 24 时不停歇工作。

This wood debarking machine is updated based on the 4ft normal model debarking machine, the whole machine structure is welded by the steel and the structure design is more stable and reasonable; Hydraulic station is equipped with oil cooler, avoid the sealing of cylinder damage, and this high quality hydraulic station can ensure this debarking machine 24 hours' working without any stop.

技术参数 Technical parameters:

型号 Model No.	GDB/4H
木材长度 Wood length	900-1300mm
木材直径 Wood diameter	Φ80-Φ550mm
刀片长度 Blade length	1400mm
旋切单板厚度 Thickness of veneer peeler	1-3mm
主机线速度 Linear speed of host machine	52m/min
双辊直径 Double roller diameter	150mm
单辊直径 Single roller diameter	150mm
双辊电机功率 Double roller motor power	11kw
单辊电机功率 Single roller motor power	7.5kw
液压电机功率 Hydraulic station motor power	5.5kw
总功率 Total power	24kw
总重量 Total weight	4200kg
设备尺寸 Machine dimension	4500*1900*1450mm

8尺液压剥皮找圆机
8ft hydraulic debarking machine



该设备是在4尺剥皮机基础上加大设备尺寸，适合1000-2600mm木材的剥皮。由于8尺剥皮机的工作宽度较长，我公司对此款剥皮设备加装双导柱，并剥皮刀台轨道槽有特殊的设计，保证机床稳定运行，延长使用寿命，方便维护。设备可根据客户的要求进行定制。

This machine is produced and designed based on 4ft wood log debarking machine, applicable for 1000-2600mm wood log debarking work. Due to 8ft wood log debarker long working width, our company added two strong rail guiding device in this debarking lathe, and we have special and considerable design in the debarking cutting table track slot, ensure this machine working stably, extending working life, convenient to do maintenance. Machines can be customized according to customer's requirements.

技术参数 Technical parameters:

型号 Model No.	GDB/8
木材长度 Wood length	1000-2600mm
木材直径 Wood diameter	Φ80-Φ500mm
刀片长度 Blade length	1900mm
旋切单板厚度 Thickness of veneer peeler	1-3mm
主机线速度 Linear speed of host machine	52m/min
双辊直径 Double roller diameter	200mm
单辊直径 Single roller diameter	150mm
双辊电机功率 Double roller motor power	7.5kw*2pcs
单辊电机功率 Single roller motor power	7.5kw*2pcs
液压电机功率 Hydraulic station motor power	5.5kw
总功率 Total power	31.5kw
总重量 Total weight	4800kg
设备尺寸 Machine dimension	5000*2300*1600mm

剥皮机附属设备
Accessory equipment of wood debarking machine



断木齐头锯
wood cutting saw



普通上木机
normal wood loader



高档上木机
heavy duty wood loader



树皮破碎传送系统
wood bark crushing and delivering system

配件 Spare parts



剥皮刀
knife blade



辊子
rollers

4尺单动力标准旋切机
4ft single power spindleless veneer peeling machine



此设备是单板生产的主机，主要用来旋切桉木、杨木、桦木、橡胶木等速生材及有卡旋切后的木芯。属于轻型旋切机，旋切直径小于600mm的木材。由于不存在卡轴，旋切后的木芯最小直径可达28mm。
It is main equipment of core veneer production and mainly used to rotary peel the eucalyptus, poplar, birch, rubber and other fast-growing wood, and also can peel the left wood log already processed by spindle peeling machine. It is normal model veneer peeling machine and the max. wood log processing diameter is 600mm. Min. diameter of the wood core after peeling is 28mm because of spindleless.

特点 Features:

- 1, 自动润滑系统，保证设备运行稳定，延长使用寿命。
Equipped with automatic lubrication system, ensure machine running stable, so the using life of the machine is extended.
- 2, 合金进给丝杠螺母设计，同步进退，保证了板皮的均匀度、光滑度。
Feeding system is designed into leading screw and screw nut which is made from alloy.
This design guarantee feeding system synchronizing go forward and backward, so the veneer is in same thickness and smooth surface.
- 3, 主机线速度是定速，速度不可调。
The linear speed of host machine is fixed and can't be adjustable.
- 4, 旋切后的最小直径是28mm，可以最大程度帮助用户实现节省木材。
Min. diameter of the wood core after peeling is 28mm, can max. help our client save wood log material.

技术参数 Technical parameters:

型号 Model No.	GPM/4S	GPM/4SCNC
木材长度 Wood length	900-1300mm	900-1300mm
木材直径 Wood diameter	Φ80-Φ550mm	Φ80-Φ550mm
刀片长度 Knife blade length	1500mm	1500mm
旋切单板厚度 Thickness of veneer peeler	0.8-4.0mm	0.8-4.0mm
主机线速度 Linear speed of host machine	45m/min	45m/min
双辊直径 Double roller diameter	118mm	118mm
单辊直径 Single roller diameter	118mm	118mm
双辊电机功率 Double roller motor power	11kw	11kw
单辊电机功率 Single roller motor power	7.5kw	5.5kw*2pcs
侧刀电机 Cutting knife motor power	1.5kw	1.5kw
胶辊电机 Rubber roller motor power	1.5kw	1.5kw
进给电机功率 Feeding motor power	7.5kw	7.5kw
传皮电机 Veneer conveyor motor power	1.5kw	1.5kw
总功率 Total power	30.5kw	34kw
总重量 Total weight	4500kg	4550kg
设备尺寸 Machine dimension	4500*1600*1380mm	4500*1600*1380mm

4尺双动力数控旋切机
4ft double driving CNC peeling machine



此设备是胶合板单板生产的主机，是在4尺单动力标准旋切机基础上进行了升级改造，更加动力强劲。
This machine is main equipment of plywood core veneer production, and it is upgraded based on 4ft single driving peeling machine, after updating, this machine is more heavy duty.

特点 Features:

- 1, 触摸显示屏控制系统，可直接设定各种技术参数，控制屏内部语言可以直接转换成贵国国家语言。
It has touching screen control system, and you can set all kinds parameters in this system, and language showing in this controlling screen, can be translated into your country's own language.
- 2, 主机线速度45-120M/MIN可调。
The linear speed of host machine can be adjusted from 45-120M/MIN.
- 3, 美国艾默生变频器，运行稳定，故障率低。
America Emerson brand frequency converter, the machine runs stably, and low failure rate.

技术参数 Technical parameters:

型号 Model No.	GPM/4DCNC
木材长度 Wood length	900-1300mm
木材直径 Wood diameter	Φ80-Φ550mm
刀片长度 Blade length	1500mm
旋切单板厚度 Thickness of veneer peeler	0.8-4.0mm
主机线速度 Linear speed of host machine	35-80m/min
双辊直径 Double roller diameter	118mm
单辊直径 Single roller diameter	118mm
双辊电机功率 Double roller motor power	7.5kw*2pcs
单辊电机功率 Single roller motor power	5.5kw*2pcs
侧刀电机 Cutting knife motor power	2.2kw
胶辊电机 Rubber roller motor power	1.5kw
进给电机功率 Feeding motor power	7.5kw(servo motor)
传皮电机 Veneer conveyor motor power	1.5kw
总功率 Total power	38.7kw
总重量 Total weight	6000kg
设备尺寸 Machine dimension	4500*1900*1450mm

8尺无卡旋切机
8ft CNC spindleless veneer peeling machine



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此设备是单板生产的主机，旋切长度 2000-2600mm 的木材，旋切后的木芯最小直径可达 30mm。
It is main equipment of core veneer production, the wood length is 2000mm-2600mm, min diameter of the wood core after peeling is 30mm.

特点 Features:

- 1, 自动润滑系统, 保证设备运行稳定, 延长使用寿命。
Equipped with automatic lubrication system, ensure machine running stable, so the using life of the machine is extended.
- 2, 合金进给丝杠螺母设计, 同步进退, 保证了板皮的均匀度、光滑度。
Feeding system is designed into leading screw and screw nut which is made from alloy. This design guarantee feeding system synchronizing go forward and backward, so the veneer is in same thickness and smooth surface.
- 3, 主机线速度是定速, 速度不可调。
The linear speed of host machine is fixed and can't be adjustable.
- 4, 旋切后的最小直径是 30mm, 可以最大程度帮助用户实现节省木材。
Min. diameter of the wood core after peeling is 30mm, can max. help our client save wood log material.
- 5, 机器挤压辊上部, 配备双气缸, 可以快速打落剩余木芯。
Equipped with double pushing air cylinder in the upper squeezing rollers, can drop the left wood core with quick speed.

技术参数 Technical parameters:

型号 Model No.	GPM/8DCNC
木材长度 Wood length	2000-2600mm
木材直径 Wood diameter	Φ30-Φ450mm
刀片长度 Blade length	2700mm
旋切单板厚度 Thickness of veneer peeler	0.5-4.0mm
主机线速度 Linear speed of host machine	30m/min
双辊直径 Double roller diameter	118mm
单辊直径 Single roller diameter	118mm
双辊电机功率 Double roller motor power	7.5kw*2pcs
单辊电机功率 Single roller motor power	7.5kw*2pcs
进给电机功率 Feeding motor power	7.5kw(servo motor)
总功率 Total power	37.5kw
总重量 Total weight	6000kg
设备尺寸 Machine dimension	5500*1800*1400mm

旋切机附属设备
Accessory equipment of veneer peeling machine



普通上木机
normal wood loader

高档上木机
heavy duty wood loader



原木原木传送
log conveyor

皮子剪切机
veneer cliper



配件 spare parts



旋切刀
knife blade



辊子
rollers

8尺立式有卡找圆机 8ft spindle log debarking machine



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有卡找圆机是单板生产的重要设备，木段在旋切之前必须剥皮找圆。适用于大直径的木材，直径最大可达1500mm。
Spindle wood debarking machine is the important equipment for veneer production, the wood must be removed the bark and rounded before rotary cutting. This machine is more suitable for big diameter wood log, and the wood diameter can be up to 1500mm.

特点 Features:

- 1, 适用于大直径的木材，直径可达1500mm。
It is used to rotary cut the big diameter wood and wood diameter can be up to 1500mm.
- 2, 法国品牌施耐德电器元件，运行稳定。
FRANCH SCHNEIDER electric components, machine runs stably.
- 3, 整体框架由钢板和槽钢焊接而成，持久耐用。
The whole structure is welded by the Q235B steel and channel steel, and it is durable.
- 4, 可根据客户要求定制。
The machine can be customized according to client's requirement.

技术参数 Technical parameters:

机器结构 Structure	立式 Vertical
木材旋切长度 Wood length	2000mm-2600mm
最大圆木旋切直径 Max. wood diameter	1500mm
圆木上料装置 Wood loading system	2组旋转吊机 2 pieces of Rotary crane
旋切单板厚度 Veneer thickness	0.8-2.6mm
电机品牌 Motor brand	华力 CHINA HUALI
主电机功率 Main motor power	22千瓦 22kw,
夹紧电机 Chuck motor power	4kw*2pcs
快进退电机 Feed motor	1.5kw*1pcs
调刀电机 Knife adjusting motor	1.1kw*1pcs
液压站功率 Hydraulic motor power	0.75kw*1pcs
上料电机功率 Loading system motor	3kw*2pcs
总功率 Total power	39.35kw
工作电压和频率 Voltage and hertz	380V,50HZ
变速箱 Gearbox	CHINA brand
压杠 Pressure bar	电动 electric
旋切刀 Peeling knife	森港锋钢 HSS(high speed-steel)
机器重量 Machine weight	约 about 7000KGS
设备尺寸 Machine dimension	6000*2300*2600mm

8尺立式有卡旋切机 8ft vertical spindle veneer peeling machine

有卡旋切机是胶合板生产的重要设备之一，主要用来生产0.2-2.2mm左右的装饰面板，供制造胶合板表面装饰用，适用于大直径的木材。直径最大可达1500mm。可根据客户要求定制。

Spindle veneer peeling machine is one of important equipment for plywood production, it mainly produces about 0.2-2.2mm nature decoration veneer (face veneer) for plywood surface decoration. It is suitable for big diameter wood and diameter can be up to 1500mm. The machine can be customized according to client's requirement.



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特点 Features:

- 1, 适用于大直径的木材，直径可达1500mm。
It is used to rotary cut the big diameter wood and wood diameter can be up to 1500mm.
- 2, 台湾 DELTA 变频器，法国品牌施耐德电器元件，运行稳定。
TAIWAN DELTA brand inverter and FRANCH SCHNEIDER electric components, machine runs stably.
- 3, 整体框架由钢板和槽钢焊接而成，持久耐用。
The whole structure is welded by the Q235B steel and channel steel, and it is durable.
- 4, 旋切精度高，速度快，板面光滑。
Rotary cutting with high accuracy, quick speed, veneer surface smooth.
- 5, 机器下部可以安装剩余小径木传送装置，可以实现自动厚度调整系统。
Machine bottom can be installed with small diameter wood log conveying system, can realize automatic thickness adjusting system.
- 6, 机器旋切主轴可以加卡轴支撑，可以实现2尺-8尺不同宽度调整，最大限度实现一机多用，节省投资成本。
Machine peeling spindle can be equipped with SPINDLE SUPPORTING FRAME, can realize 2ft-8ft different processing width adjustment, max. realize one machine having multi-function, reduce investment cost.

技术参数 Technical parameters:

机器结构 Structure	立式 Vertical
木材旋切长度 Wood length	2000mm-2600mm
最大圆木旋切直径 Max. wood diameter	1500mm
剩余木料最小直径 Remaining wood min. diameter	120mm
圆木上料装置 Wood loading system	2组旋转吊机 2 pieces of Rotary crane
旋切单板厚度 Veneer thickness	0.2-2.6mm
电机品牌 Motor brand	华力 CHINA HUALI
主电机功率 Main motor power	30千瓦，变频专用电机 Inverter motor 30kw,
夹紧电机 Chuck motor power	4kw*2pcs
快进退电机 Feed motor	1.5kw*1pcs
调刀电机 Knife adjusting motor	1.1kw*1pcs
液压站功率 Hydraulic motor power	0.75kw*1pcs
上料电机功率 Loading system motor	3kw*2pcs
总功率 Total power	47.35kw
变频器 Inverter	TAIWAN DELTA
工作电压和频率 Voltage and hertz	380V,50HZ
变速箱 Gearbox	CHINA brand
压杠 Pressure bar	电动 electric
旋切刀 Peeling knife	森港锋钢 HSS(high speed-steel)
机器重量 Machine weight	约 about 9500KGS
设备尺寸 Machine dimension	6000*2300*2600mm

8尺卧式有卡旋切机 8ft horizontal spindle peeling machine



www.geelongroup.com

卧式有卡旋切机是胶合板生产的重要设备之一，主要用来生产 0.2-2.2mm 左右的装饰面板，供制造胶合板表面装饰用。适用于大直径的木材。最大木材直径是 900mm。可根据客户要求定制。

Horizontal spindle veneer peeling machine is one of important equipment for plywood production, it mainly produces about 0.2-2.2mm nature decoration veneer (face veneer) for plywood surface decoration. It is suitable for big diameter wood and diameter can be up to 900mm. The machine can be customized according to client's requirement.

特点 Features:

1, 适用于大直径的木材，直径可达 900mm。

It is used to rotary cut the big diameter wood and wood diameter can be up to 900mm.

2, 台湾 DELTA 变频器，法国品牌施耐德电器元件，运行稳定。

TAIWAN DELTA brand inverter and FRANCH SCHNEIDER electric components, machine runs stably.

3, 整体框架由钢板和槽钢焊接而成，持久耐用。

The whole structure is welded by the Q235B steel and channel steel, and it is durable.

4, 旋切精度高，速度快，板面光滑。

Rotary cutting with high accuracy, quick speed, veneer surface smooth.

5, 机器下部可以安装剩余小径木传送装置，可以实现自动厚度调整系统。

Machine bottom can be installed with small diameter wood log conveying system, can realize automatic thickness adjusting system.

技术参数 Technical parameters:

机器结构 Structure	卧式 Horizontal
框架类型 Frame type	重型 heavy
木材旋切长度 Wood length	2000mm-2600mm
最大圆木旋切直径 Max. wood diameter	900mm
剩余木料最小直径 Remaining wood min. diameter	90mm
圆木上料装置 Wood loading system	1组旋转吊机 1piece of Rotary crane
旋切单板厚度 Veneer thickness	0.2-2.6mm
电机品牌 Motor brand	华力 CHINA HUALI
主电机功率 Main motor power	22 千瓦，变频专用电机 Inverter motor 22kw
夹紧电机 Chuck motor power	4kw*2pcs
快进退电机 Feed motor	1.5kw*1pcs
调刀电机 Knife adjusting motor	1.1kw*1pcs
液压站功率 Hydraulic motor power	0.75kw*1pcs
上料电机功率 Loading system motor	1.5kw*1pcs
总功率 Total power	37.85kw
变频器 Inverter	TAIWAN DELTA
工作电压和频率 Voltage and hertz	380V, 50HZ
变速箱 Gearbox	CHINA brand
压杠 Pressure bar	电动 electric
旋切刀 Peeling knife	森港锋钢 HSS(high speed-steel)
机器重量 Machine weight	约 about 7500KGS

8尺厚芯有卡旋切机 8ft thick core peeling machine



www.geelongroup.com

厚芯旋切机是胶合板生产的重要设备之一，将木段旋切成 1-10mm 的厚芯板，主要用来制作家具板，生态板等胶合板，适用于大直径的木材。直径最大可达 1300mm。可根据客户要求定制。

Thick core veneer peeling machine is one of important equipment for plywood production, it rotary cuts the wood log into 1-10mm core veneer. It is mainly used to make the furniture plywood, ecological board and other kind of plywood. It is suitable for big diameter wood log and diameter can be up to 1300mm. The machine can be customized according to client's requirement.

特点 Features:

1, 适用于大直径的木材，直径可达 1300mm。

It is used to rotary cut the big diameter wood and wood diameter can be up to 1500mm.

2, 台湾 DELTA 变频器，法国品牌施耐德电器元件，运行稳定。

TAIWAN DELTA brand inverter and FRANCH SCHNEIDER electric components, machine runs stably.

3, 整体框架由钢板和槽钢焊接而成，持久耐用。

The whole structure is welded by the Q235B steel and channel steel, it is durable.

4, 旋切精度高，速度快，板面光滑。

Rotary cutting accuracy, quick speed, veneer surface smooth.

5, 整机卡轴系统是液压控制，采用双卡头设计，使旋切木轴降低到了最小。

Whole machine chuck system is controlled by hydraulic station, adopt double chucks design, make the left core after peeling can reach min.

技术参数 Technical parameters:

机器结构 Structure	立式 Vertical
木材旋切长度 Wood length	2000mm-2600mm
最大圆木旋切直径 Max. wood diameter	1300mm
剩余木料最小直径 Remaining wood Min. diameter	160mm
旋切单板厚度 Veneer thickness	1mm-10mm
电机品牌 Motor brand	华力 CHINA HUALI
旋切速度 Peeling speed	10-40m/min
总功率 Total power	69.6kw
变频器 Inverter	TAIWAN DELTA
工作电压和频率 Voltage and hertz	380V, 50HZ
变速箱 Gearbox	CHINA brand
压杠 Pressure bar	电动 Electric
旋切刀 Peeling knife	森港锋钢 HSS(high speed-steel)
机器重量 Machine weight	约 about 2300KGS
设备尺寸 Machine dimension	6000*2300*2600mm

有卡旋切机生产线 Automatic spindle veneer peeling machine line



配套设备 Accessory equipment



摆皮机
normal veneer stacking machine



刨皮机
veneer clipper

技术参数 Technical parameters:

驱动电机 driving motor	伺服电机 servo motor
功率 motor power	5.5kw*2pcs
切割宽度 cutting width	2700mm(customized)
速度 cutting speed	可调 adjustable



卧式有卡旋切机
horizontal spindle peeling machine

刨皮机
veneer clipping machine

真空吸附堆垛机
vacuum adsorption veneer stacking machine

自动生产线由卧式有卡旋切机、刨皮机和真空吸附堆垛机组成。木段在切成一定厚度的装饰面板后，由刨皮机按一定尺寸裁剪，最后自动堆垛。整个生产过程连续自动化，可以节省 5-6 个人。

The whole automatic line is composed of the horizontal spindle veneer peeling machine, servo veneer clipper machine and vacuum adsorption veneer stacking machine. After the wood is rotary cut into certain thickness face veneer, it is cut out certain size by the veneer clipper machine, and the spindle peeling speed and clipper machine conveying speed we realized it is same, so the final size cut by the clipper machine will be very accurate. After clipper, the veneers will be stacked automatically at last, the whole process is continuous and automatic, and can save at least 5-6 workers.

特点 Features:

- 1, 自动化程度高, 只需一人操作。
High automatic, only need one operator.
- 2, 连续生产, 产量高。
Continuous production and high production capacity.



技术参数 Technical parameters:

外形尺寸 dimension	6000*2000*2100mm
重量 weight	1800kg
功率 power	1.1kw*5pcs

配件 Spare parts



剥皮刀
knife blade



封边胶带
edge sealing glue tape

叠皮机 Veneer stacking machine



真空吸附堆垛机
Vacuum adsorption stack machine

摆臂堆垛机
Swing stack machine

该设备与旋切机相连，自动堆垛旋切后的夹心皮。同时可筛选出带有孔洞的不合格产品。分为真空吸附堆垛机和摆臂堆垛机。
The veneer stack machine is connected with the veneer peeling machine and it is used to stack the veneer automatically. It also can sort out the bad veneer from the good veneer, like the veneer with holes, the veneer stack machine is divided into vacuum adsorption stack machine and swing stack machine.

特点 Features:

1. 自动堆垛夹心皮。
Stack the veneer automatically.
2. 自动筛选皮子。
Screen out the veneer automatically.
3. 节约人工，提高生产效率。
Saving the workers, improve the productivity.
4. 操作简单，非专业人士即可操作。
Operation simply, no need professional operator.

5. 根据产品尺寸，码垛数量进行定制。
The machine can be customized according to the veneer size and stack quantity.

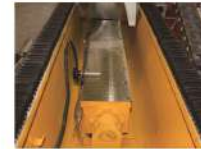
真空吸附堆垛机技术参数 Vacuum adsorption stack Technical parameters:

型号 Model number	GL127A	GL127B
风道可调 Wind tunnel Adjustable	NO	YES
风机 Fan	3KW*2PCS	2.2KW*4PCS
升降方式 Lifting method	Chain reducer 1.5KW*1PCS	Hydraulic lifting method /chain reducer
接皮规格 Veneer size	1270*670mm/1270*900mm	960*480mm/1270*670mm/1270*900mm/
接皮厚度 Veneer thickness	<2.6mm	<3mm
装机功率 Motor power	14.25kw	18.55kw/16.65kw
外形尺寸 Dimension	6000*2000*2750mm	6000*2000*2750mm

摆臂堆垛机技术参数 Machinery swing stack machine

工作宽度 Working width	1600mm
皮子最大宽度 Max. Veneer Width	1400mm
皮子最大长度 Max. Veneer Length	1220-1300mm
等级筛选 Grade	废皮 Grade 1:waste veneers, 整皮 Grade 2: whole veneer
运行高度 Working height from the beginning	400mm, 需提前确认 400mm or another value, please let me know before production.
PLC 语言 Language of PLC	英文 English

精密数控全自动磨刀机 High precision CNC automatic knife grinding machine



磨刀机是用于打磨刀片，提高刀片精度的精磨机床。胶合板生产中，旋切机，剥皮机的刀片需要定期打磨。此设备主体采用国标双层钢，底板采用平厚钢板焊接完成。经特殊养生处理，充分保证了整体的稳定性，无震动，不变形。

The knife grinding machine is the equipment used to grind the knife blade to improve the accuracy of the knife blade. During plywood production, the knife of veneer peeling machine and debarking machine need to be grinded regularly. The knife grinding machine body adopt double national standard steel and the basement adopt the thick steel plate. Through special and healthy treatment, so the knife grinding machine has more stability, no vibration during working and no deformation after long time using.

特点 Features:

1. 台湾上银精密导轨，保证直线行走精度。
Taiwan HIWIN brand precision guide rail, ensure high straight line longitude.
2. 采用国标优质耐用电磁吸盘，发热小，吸力大，使用寿命长。
Equipped with high quality national standard, small fever, large suction, long service life.
3. 磨头采用国标专用磨床电机，设计合理，提高磨刀精度，延长使用寿命。
Grinding head uses GB special grinding motor, reasonable design improves accuracy of grinding knife and enlarge the service life.
4. 设备可根据刀片尺寸进行设计。
The machine can be customized according to the knife blade size.

技术参数 Technical parameters:

型号 Model No.	GLKG1500	GLKG2800
最大的磨刀长度 Max. grinding length	1500mm	2800mm
工作台尺寸 Working table	1550*180mm	2800*180mm
工作电压 Electricity voltage	380v/440v/220v	380v/440v/220v
砂轮尺寸 Wheel size	Ø200*Ø100*32mm	Ø200*Ø100*32mm
工作台可调角度 Adjustable workable angle	±90°	±90°
磨头可调角度 Adjustable angle of grinding head	±20°	±20°
磨头传动方式 Grinding head driving method	Rack and pinion frequency control	Rack and pinion frequency control
研磨精度 Lapping accuracy	≤0.05mm	≤0.05mm
磨头往返速度 Grinding head speed	about 14m/min	about 17m/min
磨头功率 Grinding head power	3.0kw	4.0kw
总功率 Total power	4.5kw	5.5kw
总重量 Total weight	1200kg	2000kg
外形尺寸 Overall dimension	3400*1200*1200mm	4800*1200*1200mm

网带式烘干机
Mesh belt type veneer dryer machine



GL183 网带式单板干燥机是胶合板车间单板生产线的主要设备，主要用于干燥装饰面皮。该机标准为 11 节其二米标准为一节干燥区、一节冷却室以及前传动机架、后传动机架。用户单位根据生产，可任意选择该设备节数标准。本机干燥质量好，干燥速度快，生产效率高，使用保养方便，安全可靠。

GL183 mesh belt type veneer dryer machine is main equipment for veneer making in plywood factory, it is mainly used to dry the decoration veneer. It is composed of the front driving frame and the back driving frame, the dryer area and the cooling area. The standard dryer machine area has 11 sections and the cooling area has 1 section, each section is 2 meters. The machine can be customized according to user's production requirement. The machine has good drying performance, quick drying speed, high productivity, easy maintenance and safety using.

设备型号 Model number	GL183 5sections	GL183 6sections	GL183 7sections	GL183 8sections	GL183 9sections
单板容量 Density of veneer	550-650kg	550-650kg	550-650kg	550-650kg	550-650kg
单板厚度 Veneer thickness	0.6mm	0.6mm	0.6mm	0.6mm	0.6mm
单板初含水率 Initial moisture content	80%	80%	80%	80%	80%
单板终含水率 Veneer moisture after veneer dryer	<12%	<12%	<12%	<12%	<12%
工作宽度 Effective working width	2650mm	2650mm	2650mm	2650mm	2650mm
工作层数 Working deck	2layers	2layers	2layers	2layers	2layers
加热室长度 Length of heating sections	2000mm*5= 10000mm	2000mm*6= 12000mm	2000mm*7= 14000mm	2000mm*8= 16000mm	2000mm*9= 18000mm
冷却室长度 Length of cooling sections	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm
速度 Feed speed	3-36m/min	3-36m/min	3-36m/min	3-36m/min	3-36m/min
干燥能力 Dry capacity	1.5m3/h	1.8m3/h	2.1m3/h	2.4m3/h	2.7m3/h
干燥介质 Drying method	Steam or thermal	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil
总功率 Total installed power	54.7kw	62.2kw	69.7kw	77.2kw	84.7kw
传送电机 Motor for conveying	7.5kw*2	7.5kw*2	7.5kw*2	7.5kw*2	7.5kw*2
热风机电机 Motor for heating fan	7.5kw*5	7.5kw*6	7.5kw*7	7.5kw*8	7.5kw*9
冷却风机电机 Motor for cooling fan	2.2kw*1	2.2kw*1	2.2kw*1	2.2kw*1	2.2kw*1
外形尺寸 Dimension	16675*4080* 2884mm	18675*4080* 2884mm	20675*4080* 2884mm	22675*4080* 2884mm	24675*4080* 2884mm
重量 Total weight	23000kg	26200kg	29400kg	32600kg	35800kg

设备型号 Model number	GL183 10sections	GL183 11sections	GL183 12sections	GL183 13sections	GL183 15sections
单板容量 Density of veneer	550-650kg	550-650kg	550-650kg	550-650kg	550-650kg
单板厚度 Veneer thickness	0.6mm	0.6mm	0.6mm	0.6mm	0.6mm
单板初含水率 Initial moisture content	80%	80%	80%	80%	80%
单板终含水率 Veneer moisture after veneer dryer	<12%	<12%	<12%	<12%	<12%
工作宽度 Effective working width	2650mm	1300mm	2650mm	1300mm	2650mm
工作层数 Working deck	2layers	2layers	2layers	2layers	2layers
加热室长度 Length of heating sections	2000mm*10= 20000mm	2000mm*11= 22000mm	2000mm*12= 24000mm	2000mm*13= 26000mm	2000mm*15= 30000mm
冷却室长度 Length of cooling sections	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm
速度 Feed speed	3-36m/min	3-36m/min	3-36m/min	3-36m/min	3-36m/min
干燥能力 Dry capacity	3m3/h	3.3m3/h	3.6m3/h	3.9m3/h	4.5m3/h
干燥介质 Drying method	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil
总功率 Total installed power	92.2kw	99.7kw	107.2kw	114.7kw	129.7kw
传送电机 Motor for conveying	7.5kw*2	7.5kw*2	7.5kw*2	7.5kw*2	7.5kw*2
热风机电机 Motor for heating fan	7.5kw*10	7.5kw*11	7.5kw*12	7.5kw*13	7.5kw*15
冷却风机电机 Motor for cooling fan	2.2kw*1	2.2kw*1	2.2kw*1	2.2kw*1	2.2kw*1
外形尺寸 Dimension	26675*4080* 2884mm	28675*4080* 2884mm	30675*4080* 2884mm	32675*4080* 2884mm	36675*4080* 2884mm
重量 Total weight	39000kg	42200kg	45400kg	48600kg	55000kg

滚筒式烘干机
Roller type veneer dryer machine



www.geelonggroup.com



GL1332 单板干燥机是胶合板生产中主要设备, 适用于先剪后干的生产工艺, 特别适合厚单板的干燥。该机标准为 11 节二米标准为一节干燥区、一节冷却室以及前传动机架、后传动机架。用户单位根据生产, 可任意选择该设备节数标准。

The veneer dryer is the main equipment in the production of plywood. It is suitable for the production process that cutting firstly then drying. It is especially suitable for the drying of thick veneers(1-6mm). It is composed of the front driving frame, the back driving frame, the dryer area and the cooling area. The standard machine dryer area has 11 sections and the cooling area has 1section, each section is 2meters. The machine can be customized according to user's production requirement.

特点 Features:

- 1, 设备长度较长, 占地面积大。
Its length is large, so occupies large area.
- 2, 连续式的单板干燥设备, 效率高, 产量大。
Continuous veneer drying equipment, high efficiency and large capacity.
- 3, 该机加热段可根据客户的能力要求设计。
This machine heating section can be designed according to client's capacity requirement.
- 4, 工作层数可根据客户要求定制。
The working layers quantity can be designed according to client's requirement.

设备型号 Model number	GL1332 5sections	GL1332 6sections	GL1332 7sections	GL1332 8sections	GL1332 9sections
单板容量 Density of veneer	550-650kg	550-650kg	550-650kg	550-650kg	550-650kg
单板厚度 Veneer thickness	1.5mm	1.5mm	1.5mm	1.5mm	1.5mm
单板初含水率 Initial moisture content	80%	80%	80%	80%	80%
单板终含水率 Veneer moisture after veneer dryer	<12%	<12%	<12%	<12%	<12%
工作宽度 Effective working width	2800mm	2800mm	2800mm	2800mm	2800mm
工作层数 Working deck	2 layers	2 layers	2 layers	2 layers	2 layers
加热室长度 Length of heating sections	2000mm*5= 10000mm	2000mm*6= 12000mm	2000mm*7= 14000mm	2000mm*8= 16000mm	2000mm*9= 18000mm
冷却室长度 Length of cooling sections	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm
速度 Feed speed	1.5-15m/min	1.5-15m/min	1.5-15m/min	1.5-15m/min	1.5-15m/min
干燥能力 Dry capacity	1.3m3/h	1.6m3/h	1.8m3/h	2.1m3/h	2.4m3/h
干燥介质 Drying method	Steam or thermal	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil
总功率 Total installed power	54.7kw	62.2kw	69.7kw	77.2kw	84.7kw
传送电机 Motor for conveying	7.5kw*2	7.5kw*2	7.5kw*2	7.5kw*2	7.5kw*2
热风机电机 Motor For heating fan	7.5kw*5	7.5kw*6	7.5kw*7	7.5kw*8	7.5kw*9
冷却风机电机 Motor for cooling fan	2.2kw*1	2.2kw*1	2.2kw*1	2.2kw*1	2.2kw*1
外形尺寸 Dimension	17307*4080*2 884mm	19307*4080*2 884mm	21307*4080*2 884mm	23307*4080*2 884mm	25307*4080*2 884mm
重量 Total weight	24000kg	27500kg	31000kg	34500kg	38000kg

设备型号 Model number	GL1332 10sections	GL1332 11sections	GL1332 12sections	GL1332 13sections	GL1332 15sections
单板容量 Density of veneer	550-650kg	550-650kg	550-650kg	550-650kg	550-650kg
单板厚度 Veneer thickness	1.5mm	1.5mm	1.5mm	1.5mm	1.5mm
单板初含水率 Initial moisture content	80%	80%	80%	80%	80%
单板终含水率 Veneer moisture after veneer dryer	<12%	<12%	<12%	<12%	<12%
工作宽度 Effective working width	2800mm	2800mm	2800mm	2800mm	2800mm
工作层数 Working deck	2 layers	2 layers	2 layers	2 layers	2 layers
加热室长度 Length of heating sections	2000mm*10= 20000mm	2000mm*11= 22000mm	2000mm*12= 24000mm	2000mm*13= 26000mm	2000mm*15= 30000mm
冷却室长度 Length of cooling sections	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm	2000mm*1= 2000mm
速度 Feed speed	1.5-15m/min	1.5-15m/min	1.5-15m/min	1.5-15m/min	1.5-15m/min
干燥能力 Dry capacity	2.7m3/h	2.9m3/h	3.2m3/h	3.5m3/h	4m3/h
干燥介质 Drying method	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil	Steam or thermal oil
总功率 Total installed power	92.2kw	99.7kw	107.2kw	114.7kw	129.7kw
传送电机 Motor for conveying	7.5kw*2	7.5kw*2	7.5kw*2	7.5kw*2	7.5kw*2
热风机电机 Motor for heating fan	7.5kw*10	7.5kw*11	7.5kw*12	7.5kw*13	7.5kw*15
冷却风机电机 Motor For cooling fan	2.2kw*1	2.2kw*1	2.2kw*1	2.2kw*1	2.2kw*1
外形尺寸 Dimension	27307*4080*2 884mm	29307*4080*2 884mm	31307*4080*2 884mm	33307*4080*2 884mm	37307*4080*2 884mm
重量 Total weight	41500kg	45000kg	48500kg	52000kg	59000kg

方管式烘干机 Square tube type dryer machine



方管式单板干燥机是生产胶合板干燥工段的主要设备，方管式干燥机是简易的单板干燥设备。主要用于干燥夹心单板，解决旋切单板含水率很高的问题。

Hollow veneer dryer machine is main equipment for plywood production in drying section, square tube type dryer is simple veneer dryer equipment. It is mainly used to dry the core veneer to solve high moisture content problem after peeling. Its hot platen is produced by the Seamless steel pipe.

特点 Features:

1, 成本低, 投资小。

Low cost, low investment.

2, 体积小, 占用厂房面积小。

Installed dimension is small, it occupied less area of factory.

3, 加热介质是蒸汽或者导热油, 可以充分利用工厂原有的热能。

The heating medium is steam or thermal oil, which can consume the factory's original thermal energy effectively.

4, 烘干效果好, 每次 0.5-1 立方的烘干量。

Good drying performance, at least 0.5-1.0 CBM per cycle.

技术参数 Technical parameters:

层数 LAYERS	10/15/20
压力 PRESSURE	50T
开口 DISTANCE BETWEEN HOT PLATEN	70MM
方管式热压板尺寸 SIZE OF HOT PLATEN	1370X2700X40MM
方管式热压板材质尺寸 MATERIAL SIZE OF TUBE PLATEN	40X60MM, THICKNESS: 3MM
提升油缸直径 LIFTING CYLINDER DIAMETER	90MM
提升油缸数量 LIFTING CYLINDER QUANTITY	2
加热介质 HEATING MEDIUM	STEAM OR THERMAL OIL
总功率 TOTAL POWER	5.5KW
重量 TOTAL WEIGHT	5500KGS
外形尺寸 OVERALL DIMENSION	1370X4500X2100MM

呼吸式烘干机 Breathing type veneer pressing dryer machine



单板干燥机是生产胶合板的主要设备，呼吸式干燥机适用于旋切芯板的除湿，干燥和整平。干燥后的单板平整度好，收缩充分。Veneer dryer machine is main equipment for plywood production. This breathing type veneer pressing dryer apply for core veneer's dehumidification, drying and leveling. The core veneer after drying will be with high flatness and sufficient shrinkage.

特点 Features:

1, 带有同时闭合系统, 干燥均匀。

There is Simultaneous opening and closing system and dry the veneer uniformly.

2, 重型钢板焊接框架, 国际标准液压系统和电气原件, 使用寿命长。

Heavy duty and welded steel frame, international standard hydraulic system and electrical components, long time using.

3, 热压板经过特殊加工, 两面均配备利于散气的排潮槽, 所以单板的排潮速度快, 效果好。

With special processing, hot platen has a favorable tide exhaust groove on both sides, which makes veneer exhaust moisture fast and efficiently.

4, 干燥后的夹心皮表面平整, 生产的胶合板质量高, 可以打入板材高端市场。

The veneer face after drying is very flat, the board paved by this dried veneers is with high quality, and very easy to open high grade plywood market.

技术参数 Technical parameters:

压力 Pressure	800kn	800kn
热压板尺寸 Hot platen size	1370x2700x42mm	1370x2700x42mm
层数 Layers	15	12
开口 Opening	50-70mm	50-70mm
闭合速度 Closing speed	3m/min	3m/min
油缸直径数量 Main cylinders	Diameter 100mm x 4pcs	Diameter 100mm x 4pcs
油缸主体 Main cylinders body	solid	solid
油缸品牌 Cylinders brand	Good brand in Wuxi city-best quality in China.	Good brand in Wuxi city-best quality in China.
主要电机功率 Main Motor power	15kw x 1pcs	15kw x 1pcs
电机品牌 Motor brand	SHANDONG HUALI, FAMOUS BRAND IN CHINA.	SHANDONG HUALI, FAMOUS BRAND IN CHINA.
油泵品牌 Pump brand	Shaoyang Vika Hydraulics.	Shaoyang Vika Hydraulics.
外形尺寸 Overall size	5410*2085*3280mm	5410*2085*2980mm
重量 Weight	26500kg	23000kg

热压板式烘干机

Half open and half close type veneer pressing dryer machine



横向
transverse

Model C/T

纵向
longitudinal

Model C/L

单板干燥机是生产胶合板的主要设备，呼吸式干燥机适用于旋切芯板的除湿，干燥和整平。干燥后的单板平整度好，收缩充分。
Veneer dryer machine is main equipment for plywood production. This breathing type veneer pressing dryer apply for core veneer's dehumidification, drying and leveling. The core veneer after drying will be with high flatness and sufficient shrinkage.

特点 Features:

1. 半开半闭系统，所以烘干产量是一般烘干机的 1.5 倍。

It has half opening and half closing system, so the drying capacity will be 1.5 times than normal dryer machine.

2. 重型钢板焊接框架，国际标准液压系统和电气原件，使用寿命长。

Heavy duty and welded steel frame, international standard hydraulic system and electrical components, long time using.

3. 热压板经过特殊加工，两面均配备利于散气的排潮槽，所以单板的排潮速度快、效果好。

With special processing, hot platen has a favorable tide exhaust groove on both sides, which makes veneer exhaust moisture fast and efficiently.

4. 干燥后的夹心皮表面平整，生产的胶合板质量高，可以打入板材高端市场。

The veneer face after drying is very flat, the board paved by this dried veneers is with high quality, and very easy to open high grade plywood market.

技术参数 Technical parameters:

热压板尺寸 Hot plate size	1370x2700x42(+/-41.5)mm WITH GROVING
开口 Hot platen distance	50mm
热压板数量 Hot platen quantity	21
框架 Hot press frame	Steel plate CNC cutting and welding
层数 Layers	20(10 open,10 close)
油缸直径数量 Main cylinders	Dia.120mm x 2pcs
油缸主体 Main cylinders body	Solid, Cylinders made in wuxi city-best quality in China.
油缸行程 Main cylinders working stroke	500mm
主要电机功率 Motor power	18.5kw x 1pcs
电机品牌 Motor brand	SHANDONG HUALI, FAMOUS BRAND IN CHINA.
PLC 品牌 PLC brand	Mitsubishi
电气原件品牌 Electrical parts brand	Schneider
控制柜 Controlling cabinet	Moisture eliminating program
重量 Total weight	27500KGS

中板拼板机

Veneer composer machine



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台湾台达PLC电脑
Taiwan Delta PLC



纽氏达特减速机
Newstart reducer



偏心式摇臂轮
Eccentric type arm wheel



西门子伺服电机
Siemens servo motor



台湾台达触摸屏
Taiwan Delta touch screen



纤维电磁离合
Tail electromagnetic clutch



亚德克举升气缸
AirTAC air cylinder



斜传动校正器
Oblique transmission corrector



德国产费斯托驱动器
Germany Festo driver



刀盘立刀
Vertical knife for trimming



德国产费斯托电磁阀
Festo solenoid valve



专用切刀
Specialized knife

该机器是把旋切烘干后的长短不一、厚度不均、规则或者不规则中板（俗称夹芯板），通过本机的全自动作业，完成宽度检测、厚度分选、空洞检测、齐边剪切、涂胶拼接、定尺剪切、堆放码垛等全套程序作业，拼接成用户所需任意规格尺寸的整张中板。该机器适用于胶合板、LVL、地板基材、工艺家具板、建筑覆膜板、集装箱板、三聚氰胺生态板、细木工板等制造企业，旋切中板（俗称夹芯板）的横向拼接。改变传统手工铺板工艺，实现胶合板铺板的整张化、自动化，省去大量的修芯工人，提高产品质量，节约劳动成本。

Veneer(1.2-3.6mm thickness) after drying may have different length and thickness, and the shapes may get irregular. This machine can detect the width, thickness, cavities of the panels, and have them rimmed, glued, spliced, cut to length and stacked automatically. With this machine, customized board of different sizes can be spliced. This machine is mainly used for the production of plywood, LVL, floor base material, furniture board, construction plywood, container flooring board, melamine plywood, blockboard...etc, and it can also be used for the horizontal splicing of rotary cut core veneer with the thickness of 1.2-3.6mm. This changes the traditional manual veneer forming technology and makes plywood paving unitized and automatic. Using this machine saves lots of core finishing worker, improves the quality of products and saves labor costs.

4尺中板拼板机 4ft Veneer composer machine

技术参数 Technical parameters:

4尺中板拼板机 4ft core veneer splicing machine

●标配 ○选配 - 无	型号: DCBJ-9A
●standard ○ optional - without	Model :DCBJ-9A
驱动类型 Driver	伺服型 Servo-type
整机长 X 宽 X 高 L*W*H	12000*2600*2500mm
机身结构 Structure	整体钢板切割 Integral steel plate cutting
传动速度 Transmission speed	0-35m/minute adjust 分钟 可调
工作效率 Working efficiency	300pcs/h
拼板机长度 splicing machine length(mm)	3600mm
拼板机高度 splicing machine height(mm)	2500mm
拼板机宽度 Splicing machine width(mm)	2600mm
收板机长度 Collecting machine length(mm)	4000mm
收板机高度 Collecting machine height (mm)	2500mm
收板机宽度 Collecting machine width (mm)	2200mm
电脑模块 PLC computer module	台湾台达无触点 PLC-TD4TDA PLC(Tai wan)
机器总重 Total weight	5500kg
机器总功率 Total power	15.5kw
前驱动 Front driver	英威腾伺服电机 INVT servo motor 3kw(China)
后驱动 Rear driver	英威腾伺服电机 INVT servo motor 3kw(China)
齐边切刀驱动 Edge cutter driver	国茂减速机+任岱电磁离合器 Guomao Motor+CHAIN TAILclutch(Tai wan)
前驱减速机 Front drive reducer	纽氏达特行星减速机 Star type reducer8/1ZD(CHINA)
后驱减速机 Rear drive reducer	纽氏达特行星减速机 Star type reducer8/1ZD(CHINA)
点胶旋转气缸 Rotary actuator	德国费斯托 FESTO(Germany)
自动中板矫正装置 Automatic core veneer corrector	●
冷水空调系统 Water cooling air condition	●
成品单板电动侧移平台 Electric lateral platform	●
4*4-4*8 尺电动转换 4*4-4*8 electric conversion	●
机器颜色 Machine color	○
3*6-4*8 可调 3*6-4*8 adjust	○
楼梯平台 Elevator-platform	●
自动注油器 Automatic oiler	○
速度控制 Speed control	●
成品单板计数器 Finished panel Counter	●

拼板机原料 Veneer composer consuming material:



热熔胶颗粒
Hot melt glue granules



拼板专用胶线
Composing thread

8尺中板拼板机 8ft Veneer composer machine



技术参数 Technical parameters:

8尺中板拼板机 8ft core veneer splicing machine

●标配 ○选配 - 无	型号: DCBJ-9C-8
●standard ○ optional - without	Model :DCBJ-9C-8
驱动类型 Driver	伺服型 Servo-type
整机长 X 宽 X 高 L*W*H	12000*3900*2500mm
机身结构 Structure	整体钢板切割 Integral steel plate cutting
传动速度 Transmission speed	0-35m/minute adjust 分钟 可调
工作效率 Working efficiency	300 张/小时(成品板 宽*长: 2600mm*1300mm) 300pcs/h(finished board W*L: 2600mm*1300mm)
拼板机长度 splicing machine length(mm)	3600mm
拼板机高度 splicing machine height(mm)	2500mm
拼板机宽度 Splicing machine width(mm)	3900mm
收板机长度 Collecting machine length(mm)	4000mm
收板机高度 Collecting machine height (mm)	2300mm
收板机宽度 Collecting machine width (mm)	2200mm
最大加工宽度 Max. Working width(mm)	2650mm
最大加工长度 Max. Working length(mm)	1450mm(adjustable 可调)
电脑模块 PLC computer module	台湾台达无触点 PLC-TD4TDA PLC(Tai wan)
机器总重 Total weight	7000kg
机器总功率 Total power	19.5kw
前驱动 Front driver	西门子伺服电机 Siemens servo motor 5kw(China)
后驱动 Rear driver	西门子伺服电机 Siemens servo motor 5kw(China)
齐边切刀驱动 Edge cutter driver	国茂减速机+任岱电磁离合器 Guomao Motor+CHAIN TAIL clutch(Tai wan)
前驱减速机 Front drive reducer	纽氏达特行星减速机 Star type reducer8/1ZD(CHINA)
后驱减速机 Rear drive reducer	纽氏达特行星减速机 Star type reducer8/1ZD(CHINA)
点胶旋转气缸 Rotary actuator	德国费斯托 FESTO(Germany)
冷水空调系统 Water cooling air condition	●
成品单板电动侧移平台 Electric lateral platform	●
4*4-4*8 尺电动转换 4*4-4*8 electric conversion	●
机器颜色 Machine color	○
楼梯平台 Elevator-platform	●
速度控制 Speed control	●
成品单板计数器 Finished panel Counter	●

5尺拼板机 5ft veneer composer machine



拼接后卷板机
Veneer rolling system after splicing



堆垛机
Stacking machine



放板机
Veneer releasing system for paving

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技术参数 Technical parameters:

5尺中板拼板机 5ft core veneer splicing machine

● 标配 ○ 选配 - 无	型号: DCBJ-5A
● standard ○ optional - without	Model: DCBJ-5A
驱动类型 Driver	伺服型 Servo-type
整机长 X 宽 X 高 L*W*H	12000*3200*2500mm
机身结构 Structure	整体钢板切割 Integral steel plate cutting
传动速度 Transmission speed	0-35m/minute adjust 分钟 可调
工作效率 Working efficiency	300pcs/h(finished board W*L: 1600x1600mm)
拼板机长度 splicing machine length(mm)	3600mm
拼板机高度 splicing machine height(mm)	2500mm
拼板机宽度 Splicing machine width(mm)	2930mm
收板机长度 Collecting machine length(mm)	4000mm
收板机高度 Collecting machine height (mm)	2300mm
收板机宽度 Collecting machine width (mm)	2200mm
最大加工宽度 Max. Working width(mm)	1600mm
最大加工长度 Max. Working length(mm)	3200mm(adjustable) 可调
电脑模块 PLC computer module	台湾台达无触点 PLC-TDADA PLC(Tai wan)
机器总重 Total weight	6500kg
机器总功率 Total power	23kw
前驱动 Front driver	西门子伺服电机 Siemens servo motor 3.5kw(China)
后驱动 Rear driver	西门子伺服电机 Siemens servo motor 3.5kw(China)
齐边切刀驱动 Edge cutter driver	国茂减速机+仟岱电磁离合器 Guomao Motor+CHAIN TAI/Clutch(Tai wan)
前驱减速机 Front drive reducer	纽氏达特行星减速机 Star type reducer8/1ZD(CHINA)
后驱减速机 Rear drive reducer	纽氏达特行星减速机 Star type reducer8/1ZD(CHINA)
点胶旋转气缸 Rotary actuator	德国费斯托 FESTO(Germany)
冷水空调系统 Water cooling air condition	●
成品单板电动侧移平台 Electric lateral platform	●
4*4-4*8 尺电动转换 4*4-4*8 electric conversion	●
机器颜色 Machine color	○
楼梯平台 Elevator-platform	●
速度控制 Speed control	●
成品单板计数器 Finished panel Counter	●

拌胶机 Glue mixer machine



液压升降拌胶机
hydraulic lifting glue mixer



立式拌胶机
vertical glue mixer

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拌胶机是用来调制胶合板生产过程中所用胶水的主要设备。拌胶机分为立式拌胶机和液压升降搅拌机。拌胶机转速要适宜，转速过快，易使空气混入胶液，使胶液产生泡沫；转速过慢，搅拌不均匀。一般转速在 20-60r/min。拌胶机的容积根据生产量来确定，一般调制一次应满足 1h 生产需要。

The glue mixer machine is main equipment which is used to modulate the glue for plywood. Glue mixer is included into vertical glue mixer and hydraulic lifting glue mixer. The speed of glue mixer must be suitable. If the speed is more quick, the air can be mixer into the glue easily, the glue will have foam; if the speed is slower, the mixing is not averagely. the speed usually is 20-60r/min. The capacity of the glue mixer machine can be customized by your production capacity. The mixing capacity per cycle usually need to meet 1 hour production needs.

液压升降拌胶机特点 Hydraulic lifting glue mixer features:

1. 液压升降，搅拌均匀。
 2. 变频调速，根据不同的工艺阶段选择不同的转速，充分满足不同工艺要求。
- Adopts frequency speed regulation, the speed can be adjusted according to different production process. This can meet the different glue specification requirement of each production process.
3. 机器产量可以按照客户要求定做。
- Machine production capacity can be customized according to client's requirement.

液压升降拌胶机参数 Hydraulic lifting mixer specification:

功率 Power	11kw、15kw
速度模式 Speed control	变频调速 frequency Speed regulation
升降模式 Lift mode	液压升降 hydraulic lift
胶桶数量 Glue barrel number	2pcs

立式拌胶机参数 Vertical glue mixer specification:

拌胶桶直径 Barrel diameter	Ø800*800mm
产量 Machine capacity	150kg per cycle
电机容量 Motor power	3kw
重量 Machine weight	100kg

涂胶机 Glue spreader



老款
old type



新款
new type

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涂胶机将胶黏剂均匀地涂到单板，多层板，胶合板和细木工板等板材上，主要有三辊，四辊，分别为单面涂胶机和双面涂胶机。根据板材尺寸分为4尺涂胶机，5尺涂胶机，8尺涂胶机，9尺涂胶机。设备可以根据客户要求定做。本机设计合理、涂胶均匀、节省成本、操作方便且价格低廉。

The glue spreader machine spreads the glue on the core veneers, multi-layer board, plywood, block board and so on. It has three rollers and four rollers. The one with three rollers is single-side glue coating machine. The glue spreader with four rollers is double-side coating machine. The glue spreader is divided into 4ft, 5ft, 8ft, 9ft and so on. It can be customized according to client's requirement. It is produced with reasonable design, glue coating averagely, saving cost, easy operation and lower price.

特点 Features:

1, 用途广泛, 适用于单板, 多层板, 胶合板, 细木工板等。

It has various uses, it can be used for core veneer, multi-layer board, plywood, block board and so on.

2, 涂胶均匀, 高效率, 节省省人工, 节省成本。

It has coating averagely, high productivity, save glue, save staff and save cost.

3, 提高胶水的利用率, 降低胶水消耗量。

Increasing the utilization of glue and decreasing and minimize glue consumption.

4, 设备安有急停装置, 操作安全。

The safety device is able to immediate stop the machine whenever the danger occurred.

5, 胶辊使用天然优质橡胶制作, 挤压辊是铬酸盐处理的无缝钢, 辊子表面有一定厚度不锈钢材质, 不会被胶水腐蚀生锈。

Rubber roller is made by the high quality natural rubber, the squeeze roller is chromate treatment seamless steel pipe, the roller surface is covered by stainless steel, never has the rust bec of glue corrosion.

6, 操作简单, 维修方便。

Easy operation and easy maintenance.

技术参数 Technical parameters:

设备型号 Machine type	One coating glue spreader	Double coating glue spreader
辊子数量 Roller quantity	3	4
线速度 Line speed	30m/min	20-30m/min
涂胶辊直径 Coating roller diameter	245mm,310mm,410mm	245mm,305mm,310mm,410mm
涂胶辊长度 Coating roller length	1400mm,2700mm	1400mm,2700mm
挤压辊直径 Squeeze diameter	273mm,319mm	219mm,273mm
挤压辊长度 Squeeze length	1400mm/2700mm	1400mm/2700mm
电机容量 Motor power	3kw,4kw,5.5kw	3kw,5.5kw
板材最大厚度 Max.board thickness	30mm	
传动方式 Driving method	Gear and chain	Gear and chain
设备尺寸 Machine diameter	4FT:2250*1250*1700MM 8FT:3250*1250*1700mm	4FT:2250*1250*1700MM 8FT:3250*1250*1700mm
设备重量 Machine weight	4FT:600KG 8FT:1350KG	4FT:700KG 8FT:1500KG

铺板机 Veneer paving machine



www.geelonggroup.com



铺板机采用液压电脑变频自动技术, 同时定尺自动锯切功能, 申请国家专利。它适用于多层板、建筑模板、家具板, 其优点是降低成本、节省材料、节约人工、易管理、环保、噪音等优点, 适合大产量工厂作业。

Plywood paving machine adopts hydraulic computer frequency automatic technology, also has the automatic program cutting function after formed, applied national patent. It is suitable for multi-layer board, building construction plywood, furniture board, the advantage is to reduce costs, save materials, save labors, easy management, environmental protection, less noise and other advantages, this veneer paving line is more accepted by middle to big capacity plywood factory.

特点 Features:

1, 胶合板铺板机用于多层板, 建筑模板, 家具板, 效益是降低成本, 节省材料, 节省人工, 管理容易, 少噪音等。

Plywood paving machine is used for multi-layer plywood, construction plywood, furniture board, benefit is reducing cost, saving materials, using less people, easy management, less noise...etc.

2, 胶合板铺板机让装饰人造板技术已领先一步。它可以分为锯切切割式和液压切割式, 5-100mm 均可切割。

Plywood paving machine lets decking technology of artificial board have taken a step ahead. It can be divided into the saw cutting and hydraulic cutting type, 5-100mm all problem.

3, 可以分成 18 米, 24 米, 30 米, 36 米等规格可分为锯切和侧刀。

It can be divided into 18m, 24m, 30m, 36m length and other specifications can be divided into saw cutting and hydraulic cutting type.

技术参数 Technical parameters:

功率 Power	13.5Kw
尺寸 Dimension	2700*1150*1580mm
重量 Weight	5600kgs
切割方式 Cutting type	Saw/Blade
皮带宽度 Conveyor width	1300mm
堆放方式 Board Stacking methods	automatic
产量 Capacity	800-1500pcs
保修时间 Warranty time	1 year
种类 Specifications	18m/24m/30m/36m

预压机

Plywood cold press machine, plywood pre-press machine



www.geelonggroup.com

预压机又称冷压机。冷压机分为上置式和下置式。板坯在进入热压机之前，先放入冷压机中在室温下将板坯加压，靠胶的初黏性使单板粘合在一起。采用预压生产方式有利于缩短热压周期，提高产品质量；使板坯运输和装卸方便，便于运用机械装卸板，降低人工劳动；减少热压板的间距。

Plywood pre-press machine is also called plywood cold press machine. It is divided into upper cylinder pre-press machine and bottom cylinder pre-press machine. Before board slab comes into the plywood hot press, it need to be pre-pressed by plywood cold press machine. The veneers are boned together initially, the pre-press production method can shorten hot pressing cycle time and improve the plywood quality. The board slab is easy for delivery and reduce the distance between hot platens.

特点 Features:

1, 主框架采用优质国际钢板整体切割而成。

The main frame is cut from the complete international high-quality steel plate.

2, 结构设计合理, 承载压力大。

Reasonable structure design, bearing high pressure.

3, 采用国内优质油缸, 主要部件选用进口液压件, 确保使用寿命长。

The use of domestic high-quality oil cylinder, some hydraulic parts are imported, to ensure long term service life.

4, 压力可根据客户要求定制。

The pressure can be customized according to client's requirement.

技术参数 Technical parameters:

压力 Pressure	400-600T
进板方向 Board feeding direction	横向 transverse
层数 Layer	1
层间距 Layer space	1800mm
工作台尺寸 Working table size	1370*2700MM
油缸行程 Cylinder stroke	1050mm
油缸 Cylinder	O320MM*2PCS
功率 Power	11KW
整机尺寸 Overall dimension	3550*1370*4200MM
重量 Weight	13000KGS
工作方式 Working method	全自动 automatic
复合框架 Composite frame	组装 assembled
上下托高度 Upper and bottom beam	900mm
中托高度 Middle beam	400mm
框架钢板厚度 Frame thickness	35mm

热压机

Plywood hot press machine



www.geelonggroup.com

胶合板热压机是胶合板生产流程中的主要设备之一，是用来对涂胶组合后板坯进行热压胶合的设备，不同品种的胶合板对压机的性能有不同的要求：普通胶合板、航空胶合板、塑料贴面板、木材层积塑料板、船舶胶合板的制造所要求的压力依次增大。胶合板热压机按作业方式分周期式和连续两种，国内常用的是周期式多层热压机。它由三大部分组成：热压机本体、控制驱动部分（液压系统和电控系统）、加热系统。

Plywood hot press is one of the main equipment in the plywood production process. It is the equipment for hot pressing of the board slab after the glue combination. The different types of plywood has different requirements on the performance of the press: ordinary plywood, aero plywood, plastic panel, wood laminated plastic board and ship plywood are required to increase the pressure in turn. Plywood hot press consists of three parts: the hot press main machine, the control drive part (hydraulic system and electric control system), and the heating system.

特点 Features:

1, 主要框架由优质国际钢板一次成型, 龙门框架架构, 刚性强, 并确保高压, 分焊接和组合框架两种。

The main frame is cut by good quality No.1 standard steel plate, gantry frame structure, strong rigidity and ensure high pressure, divided into welding frame type and bolts connected combined type.



2, 微机控制系统优质液压单元, 热压板快速闭合, 效率高。

Micro-computer control system is made by good quality hydraulic unit, fast press, accurate press, high efficiency.



3, 蒸汽系统设计成“双输入, 双输出”安排, 以确保及时在热压板温度分布。

The steam system is designed as a "double inlets and double outlets" arrangement to ensure even temperature distribution.



4.自动电气控制,简单可靠的操作,自动温度模块和时间控制模块,多工艺保压系统,控制确保产品质量。
Automatic electrical controlling, easy & reliable operation, automatic temperature module, and time controlling module, multi-production process technology pressure keeping system, control and ensure high quality board.



5.采用国内优质油缸,主要部件选用进口液压件。
Using domestic high-quality oil cylinder, some hydraulic parts are imported, to ensure long term service life.



6.电气原件为进口品牌施耐德,国内知名品牌正泰,中国知名品牌华力电机。
The electricity components are imported brand Schneider and domestic famous brand CHNT. The motor is china famous brand HUALLI.



7.压力、压缸、压板尺寸等根据客户不同要求定制。
Pressure, cylinder, hot platen size and so on can be customized according to client's different requirement.

技术参数 Technical parameters:

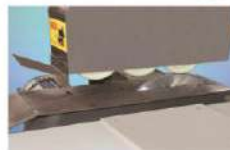
压力 Pressure	500T	500T	800T
进板方向 Board feeding direction	横向 transverse	横向 transverse	横向 transverse
层数 Layer	12	15	10
层间距 Layer space	70mm	70mm	100mm
热压板数量 Hot platen quantity	13	16	11
热压板尺寸 Hot platen size	1370*2700*42mm	1370*2700*42mm	1370*2700*52mm
热压板内部管道 Hot platen inside pipeline	双进双出 Two inlet and two outlet	双进双出 Two inlet and two outlet	双进双出 Two inlet and two outlet
油缸 Cylinder	Ø360mm*2pcs	Ø360mm*2pcs	Ø260mm*6pcs
油缸行程 Cylinder stroke	840mm	1050mm	1050mm
油缸品牌 Cylinder brand	无锡品牌 WUXI brand and solid body	无锡品牌 WUXI brand and solid body	无锡品牌 WUXI brand and solid body
允压 Allowed pressure	≤25mpa	≤25mpa	≤25mpa
低压泵 Flow of high pressure pump	250x2pcs	250x2pcs	400x2pcs
允压 Allowed pressure	3Mpa	3Mpa	3Mpa
低压油泵电机 Motor power	11kw*2pcs	11kw*2pcs	18.5kw*2pcs
高压油泵 Flow of high pressure pump	25ml/rx1pcs	25ml/rx1pcs	25ml/rx1pcs
允压 Allowed pressure	25mpa	25mpa	25mpa
高压油泵电机 Motor power	7.5kw*1pcs	7.5kw*1pcs	11kw*1pcs
控制方式 Controlling methods	自动热压站控制 automatic hydraulic stations	自动热压站控制 automatic hydraulic stations	自动热压站控制 automatic hydraulic stations
上下托高度 Up and down beam height	900mm	900mm	1000mm
中托高度 Middle beam	400mm	400mm	400mm
钢板厚度 Main steel plate thickness	35mm	35mm	45mm
加热介质 Heating medium	导热油或蒸汽 thermal oil or steam	导热油或蒸汽 thermal oil or steam	导热油或蒸汽 thermal oil or steam
总重量 Total weight of this machine	29Ton	33Ton	33Ton
外部尺寸 Dimension	3800x1370x3586mm	3800x1370x3942mm	3800x1370x3602mm

多功能自动锯边机

Multi-functional automatic edge trimming saw machine



www.geelongroup.com



此设备是将毛边的板子锯成符合规格尺寸要求的成品板。单板生产时,为了保证胶合板幅面尺寸符合规定要求,一般要留有裁边余量,所以压合后的胶合板都比规定尺寸略大一些,通过裁边这道工序,去掉加工余量。此设备为临沂最好的锯边机,每年我们生产的锯边机产量能达到300-400台。

This machine is used to cut the raw board to meet the size requirements of the finished board. During the production of veneer, in order to ensure that the size of the plywood meets the specified requirements, there is usually a margin size left. Therefore, the plywood after hot press is slightly larger than the specified size. Through the process of trimming, the margin left will be removed. This saw machine is best sawing line in Linyi city, each year the quantity of our sawing line production can reach 300-400sets.

特点 Features:

- 1.机架以及跑道平面经龙门刨精加工,保证了锯边机的精度。
The machine frame and rail is produced by planing machine, which ensure the accuracy of the sawing machine.
- 2.推板和传送平台自动升起功能是设备产量增大的关键。
Automatic lifting function of Pusher and transfer platform is the key to increase the output of plywood cutting.
- 3.锯头使用双锯片可以防止板材有毛刺,毛边。
The saw uses double saw blade to prevent burrs on the board edge area.
- 4.宽锯设计吊轨工艺,防止灰尘降落,提高了圆柱轨的使用寿命。
The wide saw design technology prevents dust from falling and improves the service life of the cylindrical guide.
- 5.可根据客户要求特殊定制。
The saw can be customized according to client's special requirement.

技术参数 Technical parameters:

控制系统类别 Control system type	PLC system/Servo system(BEIJING/NANJING)	PLC system/Servo system(BEIJING/NANJING)
锯切长度 Cutting length	2440-2460MM	1830-2460mm(adjustable)
锯切宽度 Cutting width	1220-1240mm	900-1240mm(adjustable)
锯切厚度 Cutting thickness	10-60MM	10-60MM
锯片尺寸 Saw blade size	φ180&φ305	φ180&φ305
垂直锯切速度 Vertical sawing speed	30m-60m/min	30m-60m/min
水平锯切速度 Horizontal sawing speed	30m-60m/min	30m-60m/min
功率 Motor power	37KW	37KW
应用 Application	Plywood, MDF, Particle board etc.	Plywood, MDF, Particle board etc.
工作方式 Working style	红外线指导 infrared ray guidance	红外线指导 infrared ray guidance
重量 Weight	5000kgs	5000kgs
进板方式 Feed way	By manual/full automatic	By manual/full automatic

燃柴, 煤, 天然气, 生物质和重油锅炉

Fire wood, coal, natural gas, biomass & oil boiler machine



www.geelonggroup.com

锅炉设备, 非吉朗机械设计制造, 吉朗整合中国最优秀的锅炉供应商资源, 为吉朗优质的客户提供质量优良的锅炉设备, 锅炉能效在 20-600 万大卡范围内, 有燃煤和柴锅炉, 天然气锅炉, 生物质锅炉和燃油锅炉。锅炉可以为胶合板多层热压机, 短周期贴面热压机, 刨花板多层热压机, 密度板多层热压机, 原木蒸煮, 厂房供暖等提供热能, 吉朗锅炉供应, 已经做到, 安全, 高效, 节能。

Boiler machine, not geelong company design and produced, geelong select max. Excellent quality boiler factory inner China, and can supply nice quality boiler for geelong golden clients, the boiler capacity is range from 200000-6000000Kcal/hour, has wood material as consuming material boiler, natural gas boiler machine, biomass boiler machine and oil firing boiler machine. Boiler can provide the heat for plywood hot press machine, short cycle press machine, particle board multi-layer hot press machine, mdf hot press machine, wood log boiling work, plant heating device supply, the boiler supplied by Geelong, already did high safety, high efficiency and energy saving.

技术参数 Technical parameters:

名称-机器型号 Name-Model No.	YGL-120 MA	YGL-240 MA	YGL-350 MA	YGL-500 MA	YGL-700 MA	YGL-1000 MA	YGL-1200 MA	YGL-1400 MA
额定功率 Rated power KW	120	240	350	500	700	1000	1200	1400
热效率 Heat efficiency %	73	73	73	76	76	78	78	78
工作压力 Max. Working pressure Mpa	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
最高工作温度 Max. Working temperature °C	320	320	320	320	320	320	320	320
炉内容油量 Inner body oil volume m ³	0.07	0.3	0.5	0.7	0.8	1.3	1.5	1.9
循环油量 Oil circulation volume m ³ /h	7.4	20	30	40	50	70	70	100
配管连接口径 Connecting pipeline diameter DN	32	65	65	80	100	100	125	125
系统装机容量 Installed power KW	8	10	18	22	25	35	35	35
外形尺寸 Overall dimension MM	Dia.:1050 H: 2100	Dia.:1350 H: 2700	Dia.:1650 H: 2900	Dia.:1750 H: 3000	Dia.:1950 H: 3100	Dia.:2150 H: 3350	Dia.:2200 H: 3900	Dia.:2500 H: 4200
参考重量 Machine weight Kgs	2500	3200	4800	5300	6288	7323	7986	8776

此锅炉参数表, 仅为部分锅炉的一般参数, 其他锅炉型号的具体参数等信息, 请与吉朗销售人员联系。
This boiler specification table, only boiler part general parameters, other models boiler's detailed specification, please contact with geelong sales person, thanks!

砂光单机和砂光机自动流水线

Sanding machine and full automatic sanding line

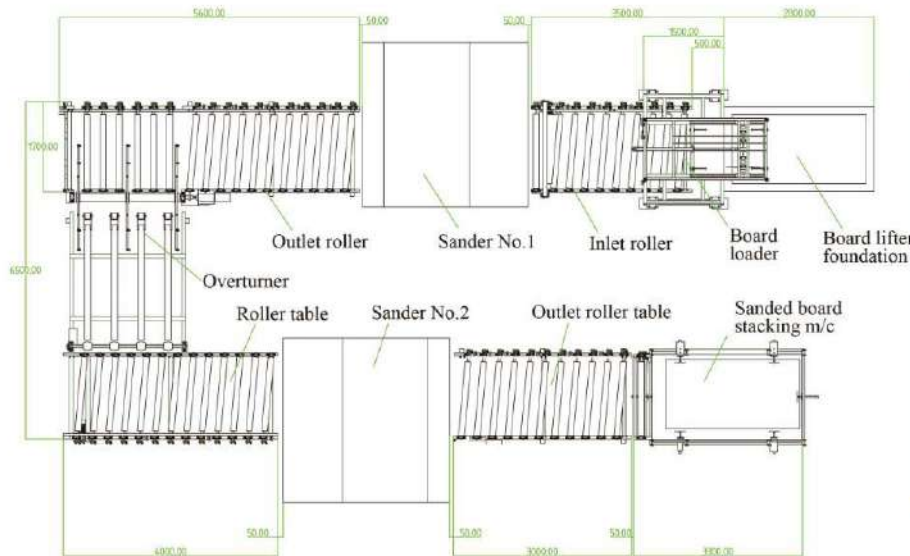


宽带砂光机
Belt sanding machine

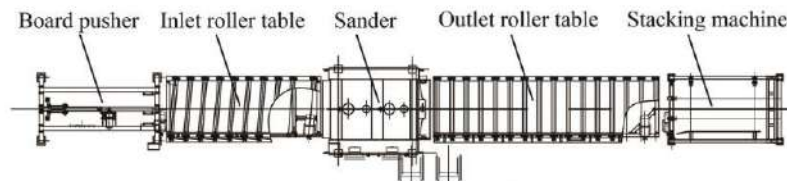
辊式砂光机
Roller sanding machine

双面定厚砂光机
Double calibrating sander

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全自动胶合板砂光线
FULL AUTOMATIC PLYWOOD SANDING LINE



全自动刨花板&密度板砂光流水线
FULL AUTOMATIC PARTICLE BOARD & MDF SANDING LINE

翻板机 Overturning machine



该设备是板材加工的附属设备之一，可以用于胶合板，刨花板，密度板生产过程中板材翻面（例如，双面砂光，双面贴面等），并可以用于打包板材整体翻面，减少工人和叉车的工作负荷，提高效率，并节省成本。

This machine is one of auxiliary machines in producing wooden board, can be used for plywood board, particle board, MDF/HDF's side overturning during production (such as, double sanding, double lamination, etc), and also can be used for packed boards' overturning wholly, reducer labor and forklift's working load, finally increase efficiency, and reduce the cost.

特点 Feature:

1、本机器采用型钢和钢板焊接而成，保证机器的高强度和稳定性。

This machine is welded by profile steel and CNC cutting steel plate, ensuring its high structural strength and stability.

2、无锡液压油缸平稳闭合，易于控制，夹紧力可调。

Wuxi cylinder stable open & close, easy to control, tightening pressure adjustable.

3、可移动控制台，名牌电器元件，操作方便，美观实用。

Movable controller, famous electrical parts, convenient operation, beautiful looking and practical.

技术参数 Technical parameters:

型号 Model No.	GTM4X8
旋转角度 Angle of rotation	0-180°
最大开口 Max. opening	1400-1700mm
油缸行程 Cylinder stroke	500mm
总功率 Total power	4.5kw
外形尺寸 Overall dimension	2200x1800x2000mm
机器重量 Weight	1500kgs
工作电压 Working voltage	380/415/440V, Customized
海关编码 HS code	8479899990

高低档液压升降机 High grade & normal model board lifter



该设备是板材加工的辅助设备之一，可以用于胶合板，刨花板，密度板生产过程中板材升降，堆垛，方便上板和卸板，是自动化流程设备中不可缺少的设备之一，节省人力和大幅度提高效率。

This machine is one of auxiliary machines in producing wooden board, can be used for plywood board, particle board, MDF/HDF's lifting and stacking work, convenient for loading boards into hot press, and unloading boards out of hot press, is one necessary equipment of AUTOMATIC line, saving more labors and increase the efficiency in large degree.

特点 Feature:

1、本机器采用型钢和钢板焊接而成，保证机器的高强度和稳定性。

This machine is welded by profile steel and CNC cutting steel plate, ensuring its high structural strength and stability.

2、双动力无锡液压油缸平稳升降，易于控制，升降速度可调。

Double wuxi cylinder lifting smoothly, easy for operation, lifting and closing speed is adjustable.

3、升降高度和台面尺寸可根据要求定制，设计人性化。

Lifting height and working table size can be customized as requirements, design humanization.

4、液压站必备溢流阀和节流阀，保证安全，脚踏开关控制，操作简单。

Hydraulic station must be equipped with overflow valve & throttle valve, ensuring safety, and using foot switch control, simple operation.

技术参数 Technical parameters:

型号 Model No.	GBLAX8
工作台尺寸 Working table size	1200x2400mm Customized
重大承载重量 Max. Loading weight	3000kgs Customized
闭合高度 Height when closing	250mm-560mm
油缸直径和个数 Cylinder Dia. & Quan.	Φ130x2sets
总功率 Total power	3kw
外形尺寸 Overall dimension	2400x1200x560mm
机器重量 Weight	800kgs
工作电压 Working voltage	380/415/440V, Customized
海关编码 HS code	8428909090

除尘和光氧处理设备

De-dusting system+plasma electrolysis waste gas treatment equipment



www.geelonggroup.com



Pulse de-dusting system

含尘气体由导流管进入各单元灰斗，在灰斗导流系统的引导下大颗粒粉尘分离后直接落入灰斗，其余粉尘随气流进入中箱体过滤区，过滤后的清气体透过滤袋，经上箱体、提升阀、排风管排出。随着过滤的进行，当滤袋表面粉尘聚集达到一定量时，由清灰装置按设定的程序关闭提升阀，打开电磁脉冲阀喷吹，抖落滤袋上的粉尘，落入灰斗经卸灰阀排出。此除尘器可以用于木业工厂，电力，冶金，建材，化工等行业。

Dust air is entered into the ash bucket by the diversion pipe, and the large size particle dust is separated into the ash bucket directly under the guidance of the guide system of the ash bucket. The rest of the dust air goes into the filter area of the medium box with the air flow, the cleaned air after filtration is discharged through the filter bag through the upper box, the lifting valve and exhaust pipe. When the filter is carried out, when the dust on the surface of the filter bag reaches a certain amount, the lifting valve is closed by the program set by the ash cleaning device, the electromagnetic pulse valve is opened and the dust on the filter bag is shakes off, and the ash hopper is discharged into the ash relief valve. The dust collector can be used in wood factories, electric power, metallurgy, building materials, chemical industry and other industries.



Plasma electrolysis waste gas treatment equipment

等离子体技术处理污染物的原理为：在外加电场的的作用下，介质放电产生的大量高能电子轰击污染物分子，使其电离、分解和激发，然后引发了一系列复杂的物理和化学反应，使复杂大分子污染物转变为简单的小分子安全物质。The principle of plasma technology to deal with pollutants is that a large number of high-energy electrons produced by the dielectric discharge in the medium of the electric field make them ionization, decomposition and excitation, and then lead to a series of complex physical and chemical reactions, and make the complex macromolecule contaminants into simple small molecular safety substances.

胶合板单板后处理设备

Plywood veneer post-processing equipment



单边斜磨机
Single side grinder



处理效果
Process result



双边斜磨机
Double side grinder



手动拼接机
Manual veneer jointer



自动拼接机
Automatic jointer



缝纫拼接机
Veneer sewing machine



单模单板修补机
S-mold pitching machine



处理效果
Process result



多模单板修补机
M-mold pitching machine

以上设备为胶合板单板后处理设备，设备的尺寸，型号和具体参数，可以根据客户的要求进行设计制作，关于更多设备的具体信息，可以与吉朗销售人员确认。The machine above listed are plywood veneer post-processing equipment about machine's size, model no. and detailed specification, we can design & process according to client's actual requirement, regarding machine more details, please confirm with geelong sales.

压纹机

Wooden pattern embossing machine



www.geelonggroup.com

该机器是我公司最新研制并销售的一款木材加工设备，此机器设备从研发成功到现在，成功的销往中国市场，马来西亚，印度尼西亚，越南，伊朗，阿联酋，土耳其，沙特阿拉伯，俄罗斯等多国市场，广受各国客户的喜爱和青睐。wooden pattern roller press machine is new designed and hot selling wood-based processing machine by our company. After this machine new design finished successfully till now, successfully sell to China market, Malaysia, Indonesia, Vietnam, Iran, UAE, Turkey, Saudi Arabia, Russia...etc more countries, are favored and accepted all over the world.

特点 Feature:

- 1、PLC 电脑控制，一人操作，过程自动化，节省人工。
PLC control, one operator, automatic process, labor saving.
- 2、高精检测，剪切量做到最小化。
Precise thickness checking, minimum to reduce cutting volume.
- 3、伺服精准定位，有效控制重叠离缝。
Servo driver, effective overlap and jointing control.
- 4、专用高强度丝，增强产品纵向拉力及柔韧性，不再断板。
High strengthened thread, improve product lengthways tensile force and flexibility, no break.
- 5、德国费斯托、台湾台达、德国西门子、日本三菱等国际顶级品牌配套。
Supported by Germany Festo, Taiwan Delta, German Siemens, Japanese Mitsubishi and other international top brands.

技术参数 Technical parameters:

Specification 规格型号	GLYW650S/A	GLLMJ850S/A	GLLMJ1000S/A	GLLWJ1300S/A
Maximum feed size 最大进料尺寸	650×150mm	850×150mm	1000×150mm	1300×150mm
Pressing depth 压纹深度	0.4-0.5mm 0.5-0.7mm	0.4-0.5mm 0.5-0.7mm	0.4-0.5mm 0.5-0.7mm	0.4-0.5mm 0.5-0.7mm
Motor power 机器功率	5.5kw	5.5kw	5.5kw	7.5kw
Heating power 加热功率	24kw/12kw	24kw/12kw	24kw/12kw	24kw/12kw
Pressing speed 压纹速度	0-20m/min	0-20m/min	0-20m/min	0-20m/min
Dimensions 外形尺寸	1430×1350×1580mm	1430×1350×1780mm	1430×1350×1930mm	1430×1350×2280mm
Machine's weight 机器重量	1000kg	1300kg	1600kg	2100kg

短周期贴面热压机

Short cycle lamination hot press machine



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该短周期贴面热压机主要用于家具板，强化地板和装饰材料等行业。该类型设备主要分为：上置式单（双）贴面压机，下置式单贴面压机，强化地板压机和线条模压贴面机。可以配备不同类型的不锈钢板用于高光，哑光，麻面，浮雕压贴。针对强化地板压机，吨位范围：1400T-3200T，可以根据您的不同的板材幅面尺寸定制尺寸和配置。

This short cycle press lamination hot press machine mainly used to do the lamination for furniture board, laminated flooring and decorative material. This machine mainly divided into: single(double) side lamination press with overhead oil cylinder, single side lamination press with bottom cylinder, laminated flooring press machine and wood profiles face lamination press machine. This machine can be equipped with several kinds of stainless steel plate for high-glossy, matte, S.F., embossing pattern's pressing lamination. Regarding laminated flooring press machine, pressure range: 1400T-3200T, we can design working size and specification according to your different board size.

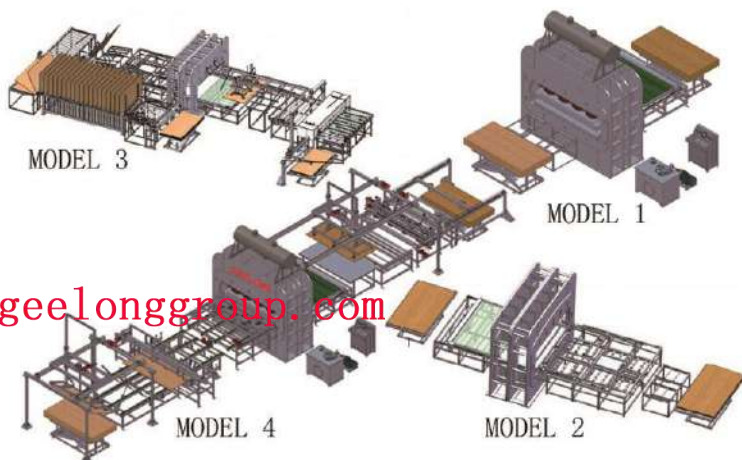
特点 Feature:

- 1、机器框架全部采用 CNC 切割，组合后精度高，性能稳定，生产高效。
Machine frame all cut by CNC, after combined, high precision, stable performance, and high efficiency in production.
- 2、液压系统，装备快速闭合装置，风冷或水冷系统，主机配无锡全实心油缸。
Hydraulic system, equipped with quick closing device, air cooling or water cooling system, main machine is equipped with FULL-SOLID wuxi cylinder.
- 3、油缸和热压板之间配备高性能隔热材料，延长油缸寿命。
Set high performance heat insulation material between cylinder and hot platen, extending cylinder's working life.
- 4、热压机配备同时闭合系统，油缸上升和下降平稳，定位准确。
Hot press machine is equipped with same-time closing device, cylinder go up and down stably, positioning with high precision.
- 5、控制系统使用进口品牌元件，PLC 品牌：三菱，台达，欧姆龙等可选。
Controlling panel use imported brand electrical parts, PLC brand: Mitsubishi, Delta, Omron...etc for selection.

短周期贴面热压机

Short cycle lamination hot press machine

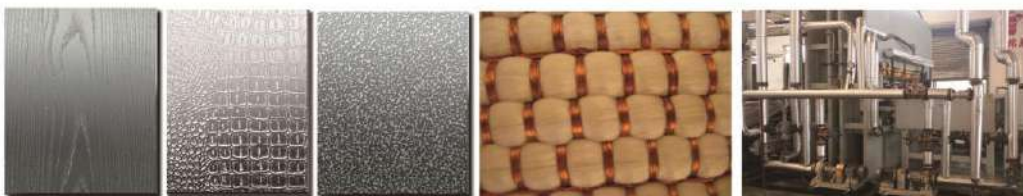
NEW MODEL PRESS VACUUM LOADER



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贴面热压机必备配件

Necessary spare parts for press



不锈钢模板 (可以根据客户要求定制)
SS plate(OEM based your requirements)

缓冲垫 (高低档)
Buffering pad(H & L)

导热油二次循环系统
Thermal oil secondary circulation system

技术参数 Technical parameters:

型号 Model	总压力 Total pressure KN	柱塞缸直径 Cylinder diameter mm	油缸个数 Cylinder quantity	闭合时间 Closing time/second	适用基板尺寸 Applicable board size(WxL in mm)
GSCL/1200T	12000	Φ320	6	≤1.5	4X8ft, 4x9ft, 5x8ft, 6x8ft, 6x9ft, 7x8ft, 7x9ft, 6x12ft
GSCL/1400T	14000	Φ340	6	≤1.5	
GSCL/1600T	16000	Φ320	8	≤1.5	
GSCL/1800T	18000	Φ340	8	≤1.5	
GSCL/2000T	20000	Φ360	8	≤1.5	
GSCL/2400T	24000	Φ400	8	≤1.8	
GSCL/2800T	28000	Φ420	8	≤1.8	
GSCL/3200T	32000	Φ440	8	≤2	

门皮压机

Door skin hot press machine



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该门皮压机主要用于天然木皮和三聚氰胺门皮的压贴成型工作,吨位一般在900-1400吨,层数3-5层,每层需要配备模具,功能类似模压机,但本质却是贴面工艺,热压成型并贴面。
This door skin hot press machine mainly is used to do the molding and lamination with natural veneer and melamine paper, the pressure range of this machine: 900-1400T, layers: 3-5, each daylight need to be equipped with molding, the function similar like molding press machine, but actually this is hot lamination technology, hot pressing and lamination finished.

特点 Feature:

- 1、机器框架全部采用CNC切割,组合后精度高,性能稳定,生产高效。
Machine frame all cut by CNC, after combined, high precision, stable performance, and high efficiency in production.
- 2、控制系统使用进口品牌元件,PLC品牌:三菱,台达,欧姆龙等可选。
Controlling panel use imported brand electrical parts, PLC brand: Mitsubishi, Delta, Omron...etc for selection.
- 3、机器配备同时闭合系统,可根据生产工艺在任何位置停止,停留时间可调,减少了最低层和最高层受压温度差,更好的保证产品质量。
Machine is equipped with synchronizer, and can let hot platen stop at any position, stopping time is adjustable, it can reduce the pressed temperature difference between top layer and bottom layer to ensure more high quality product.
- 4、配备导向机构,保证热压板闭合时的位置没有任何偏差,做到上模和下模完美对接。
Equipped with guiding device, ensure hot platens' position all same without any mistake, finally make upper mold and bottom mold 100% perfect combination.
- 5、机器可以根据客户需要设计为横装和纵装,满足多方位需求。
Machine can be designed as transverse and longitudinal model, meet multi-dimensional needs.

技术参数 Technical parameters:

型号 Model No.	GL900-3X7	GL900-4X8	GL1200-3X7	GL1200-4X8	GL1400-4X8
最大压力 Max. Pressure KN	9000	9000	12000	12000	14000
层数 Layers	3/4/5	3/4/5	3/4/5	3/4/5	3/4/5
层间距 Openning MM	250	250	250	250	250
热压板尺寸 Hot platen size MM	1150X2250X60	1400x2600x60	1150x2250x60	1400x2600x60	1400x2600x60
主油缸直径 Main cylinder diameter MM	Φ280	Φ280	Φ280	Φ280	Φ340
主油缸个数 Main cylinder quan. PCS.	6	8	8	8	6
最大油压 Max. Pressure allowed MPA	25	25	25	25	25
最高温度 Max. temperature °C	210	210	210	210	210
主机重量 Machine weight T	30/35/40	34/40/46	38/44/50	40/48/52	48/52/58
主体尺寸 Machine dimension MM	3200x1300x4300	3500x1500x4300	3200x1300x4300	3500x1500x4300	3500x1500x4300

全套地板流水线

Full set flooring production line



地板压机
Floor lamination press

凉板线
Cooling line

大板锯
1 to 2/3 saw

多片锯
Multi-rip saw

开槽线 DOUBLE END TENONER MACHINE

地板包装机
Auto packing line

封蜡线
Waxing line

静电除尘器
Electrostatic dust collector

倒角油漆线
Chamfer painting m/c

脉冲除尘设备
Pulse de-dusting

锅炉供热
Boiler heating

平面地板锯
Flat floor saw

地板 (U & F)
Floor (U & F)

WPC/SPC地板流水线
Wpc/spc floor line



该强化地板流水线是吉朗公司整合中国最优质的供应商,组合而成全套强化木地板流水线。同时提供多层木地板,实木地板,WPC, SPC等全厂设备整体方案,节省投资者的时间和采购成本,同时吉朗公司提供各种地板生产的工艺和技术力量支持,免费为国外投资者提供经验丰富的工程师队伍执行安装和生产工艺指导,保证生产出高质量的地板产品,必定广泛赢得市场。This laminated flooring production line is composed by geelong company, after integrating the best quality suppliers in China. Meanwhile, we provide plywood flooring, solid flooring, WPC, SPC...etc floor mill overall scheme, reduce the investor's time and purchasing cost, same time geelong company can give strong support in flooring production technology and technical aspect, and also we will send experienced and professional engineer team for installation and production technology teaching work, ensure can produce high quality flooring products, your product produced by our machine must win the market.

小产量刨花板全套设备 5000-20000m³/年

Small capacity particle board production line 5000-20000CBM/YEAR



1. 粉碎机
Crusher

2. 滚筒筛
Rolling sieve

3. 变量料仓
Chips silo

4. 单通道烘干机
Thermal dryer

5. 垫板回传
Plate circulation

6. 铺装机
PB forming m/c

7. 上板机
Mat-B loading

8. 热压+下料
Hot press+unloader

9. 翻板机
Overturning m/c

10. 自动锯边机
Auto saw m/c

11. 砂光机
Sanding line

12. 刨花板
Particle board

生产流程 Production process:

Drum chipper-crushing machine-sieve machine-big silo-rotary dryer machine-glue blender machine-forming machine(plate circulation system)-loader-hot press-unloader overturning-PB board edge saw machine-sanding machine-warehouse

小产量刨花板流水线介绍 Introduction of small capacity PB production line:

小产量刨花板流水线,产量范围:5000-20000立方米每年,一般使用垫板回传系统,不采用预压和横切工段,直接在垫板上铺装毛坯板,进入热压机进行热压,最终生产出一定厚度和规格的刨花板。此生产线主要适用于小预算,原料不充足,和市场范围不大的买家,此类刨花板经过砂光后,同样可以用来贴面,当做装饰板进行出售。

Small capacity particle board production line, capacity range: 5000-20000CBM per year, normally use the steel plate circulation system, not adopting the prepressing and cross cutting section, do the forming work on the steel plate directly, and then go into hot pressing section and do hot pressing work, finally produce one certain thickness and specified size particle board. This line normally is suitable for small budget, raw materials is not very sufficient, and markets for PB board is not big, this kind particle board after sanding, also can be used to do the lamination on the face and back, and can be sold as the furniture laminated board.

全自动刨花板流水线 30000-150000m³/年

Full automatic particle board production line 30000-150000 CBM/YEAR

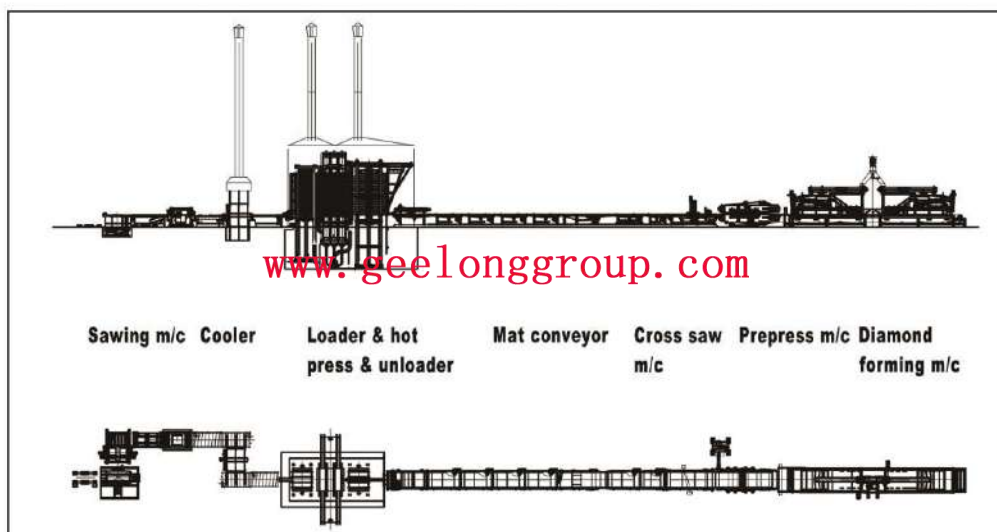


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Full Automatic Particleboard Production Line 全自动刨花板生产线

Particle board is made from small-diameter wood, branches, wood residues and non-wood agricultural residues via Chip preparation, drying, spreading and hot press section. Finished boards can be used for furniture, building, packing, vehicle and decoration and lamination.

刨花板是由小直径木材、树枝、木材剩余物和非木材农业剩余物通过芯片的制备、干燥、传播和热压工段。成品板可用于家具、建筑、包装、车辆、装饰和贴面。



生产流程

Production process

1. Chip preparation section 木片制备工段

Raw material is processed into qualified chips by the drum chipper, then the chips are transported to the chip silo, and then feed to the knife-ring flaker by which the chips are turned to flakes, finally the flake stored in wet flake silo.

原材料通过鼓式削片机加工成合格的木片，然后木片被输送到木片料仓，接着木片会被输送到刀环式刨片机，通过这种方式木片被加工成刨花，最后刨花会最终储存在湿刨花料仓。

2. Drying and sifting section 烘干和筛选工段

The flakes discharged from the wet flake silo are conveyed to the rotary dryer or three-way dryer machine. After drying process, qualified core flakes are stored in core dried particles silo; oversize flakes are send to mill to be re-grinding, and transported to surface particles silo.

刨花从湿料仓中离开，被输送到滚筒式烘干机或者三通道烘干机。经过烘干后，合格的芯层料会被储存在芯层干燥刨花料仓；超过尺寸的刨花会被输送到打磨机进一步打磨，然后传送到表层料仓。

3. Glue regulating and blending section 拌胶和施胶工段

After scaled, the core and surface flakes are to be effectively and uniformly mixed with qualified glue independently via face layer glue blender machine and core layer glue blender machine.

经过计量，芯层和表层刨花分别会和合格的胶水高效地和均匀地混合着，通过表层拌胶机和芯层拌胶机。

4. Forming and hot-pressing section 铺装和热压工段

The surface and core flakes are sent into diamond-forming machine, and forming on the mat conveyor uniformly. After processes of metal remover, pre-press, lengthwise saw, cross saw, accelerate conveyor, scaling conveyor, storing conveyor and loading conveyor, mats are transported to carrier and then to hot press. Rough boards after pressing are pushed to unloader.

表层和芯层刨花会被送入钻石辊铺装机，在毛坯板输送机上上面进行均匀铺装，经过永久除铁器，连续预压机，切边锯，横截锯，加速皮带机，称重皮带机，贮存皮带机，推板皮带机，然后毛坯板会被输送到装板机，最终到达热压机，毛坯板经过热压后，会被推到卸板机。

5. Cooling and sizing section 冷却和定尺工段

The rough board is conveyed to star-cooler for cooling, then the rough board goes through side trimming saw and become a qualified particle-board, stacked on the hydraulic lift.

毛坯板被传送到冷却翻板机，然后毛坯板经过横截锯，会最终成型为合格的刨花板，然后会被整齐的堆垛在升降机上上面。

6. Sanding Section 砂光工段

The board are sanded, checked and stored.

合格的刨花板会被砂光，检验和储存。

流水线部分设备图片展示

Production line machine part pictures showing



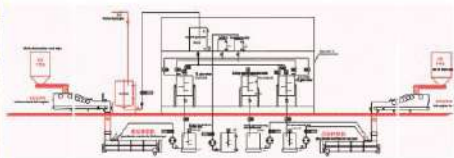
全自动刨花板流水线 30000-150000m³/年

Full automatic particle board production line 30000-150000CBM/YEAR



全自动拌胶和计量施胶系统

Full automatic glue mixing and metering glue blending system



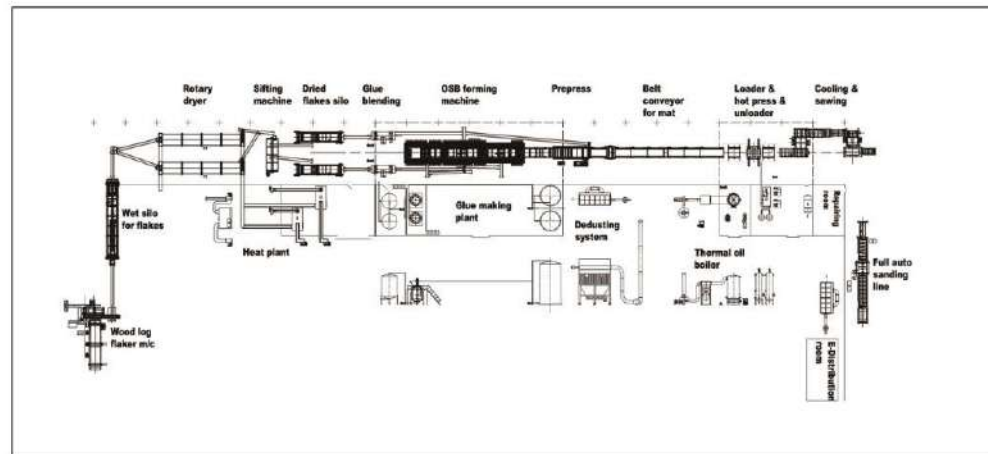
全自动定向刨花板流水线 30000-150000m³/年

Full automatic OSB production line 30000-150000CBM/YEAR



Full Automatic OSB line based on wood as raw materials, through flakes, drying, gluing, auxiliary equipment, hot pressing for density 550-750kg /m³ man-made sheet. It has a strong structure of the core layer gradient, and has good heat insulation, sound insulation and good machining properties, is widely used in manufacturing furniture, high-end cabinets, speakers, and other interior construction and transport packing. We design and produce an annual output of 30000-60000 CBM/YEAR of OSB production line, in drying section, glue blending section, hot pressing section, we have done a great section in the technical modifications, reduce buyer's investment, improve the quality of the final products.

全自动定向刨花板流水线是以木材为原料, 经过刨片, 烘干, 施胶, 辅助设备, 热压成型为密度 550-750 公斤/立方米的人造板材。它的核心层梯度的高强度结构, 具有良好的隔热, 隔音和良好的机械加工性能, 被广泛用于制造家具, 高档橱柜, 音箱, 和其他室内建筑和运输包装行业。我们设计和生产年产 30000-60000 立方米定向刨花板流水线, 在烘干机工段, 施胶工段和热压工段, 我们已经做了很大的技术改进, 减少买家投资, 提升最终产品质量。



全自动定向刨花板流水线布局样图
FULL AUTOMATIC OSB LINE LAYOUT SAMPLE

全自动定向刨花板流水线 30000-150000m³/年

Full automatic OSB production line 30000-150000CBM/YEAR

生产流程

Production process

1) Flakes preparation section 刨片制备工段

Raw material is processed into qualified flakes by the long wood log flaker machine, then the flakes are transported to the osb flakes wet silo, and then the wet osb chips will be stored in the big osb silo for going next section.

原材料通过长材刨片机加工成合格的刨片，然后刨片会被输送到定向刨花板刨片湿料仓，接下来湿刨片会被贮存于大料仓等待下个工序。

2)Drying and sifting section 干燥和筛选工段

The flakes discharged from the wet flake silo are conveyed to the rotary dryer or three-way dryer machine. Then dried flakes will go through vibrating roller screen machine. Next qualified surface flakes are stored in surface flake silo; Qualified core flakes are stored in core flake silo.

刨花从湿料仓中离开，被输送到滚筒式烘干机或者三通道烘干机。经过烘干后，干燥后的刨片会经过振动滚筒筛选机，合格的表层料会被储存在表层干燥刨片料仓；合格芯层刨片会被储存在芯层料仓。

3)Glue regulating and blending section 拌胶和施胶工段

After scaled, the core and surface flakes are to be effectively and uniformly mixed with qualified glue independently via face layer glue blender machine and core layer glue blender machine.

经过计量，芯层和表层刨花分别会和合格的胶水高效地和均匀地混合着，通过表层拌胶机和芯层拌胶机。

4) Forming and hot-pressing section 铺装和热压工段

The surface and core flakes are sent into OSB forming machine, and forming on the mat conveyor uniformly. After process of metal remover, pre-press, lengthwise saw, cross saw, accelerate conveyor, scaling conveyor, storing conveyor and loading conveyor, mats are transported to multi-layer belt conveying loader and then to hot pressing. Rough boards after pressing are pushed to unloader via pallet.

表层和芯层刨花会被送入定向刨花板铺装机，在毛坯板输送机上面进行均匀铺装。经过永久除铁器，连续预压机，切边锯，横截锯，加速皮带机，称重皮带机，贮存皮带机，装板皮带机，然后毛坯板会被输送到多层皮带装板机，最终到达热压机，毛坯板经过热压后，会被推到卸板机。

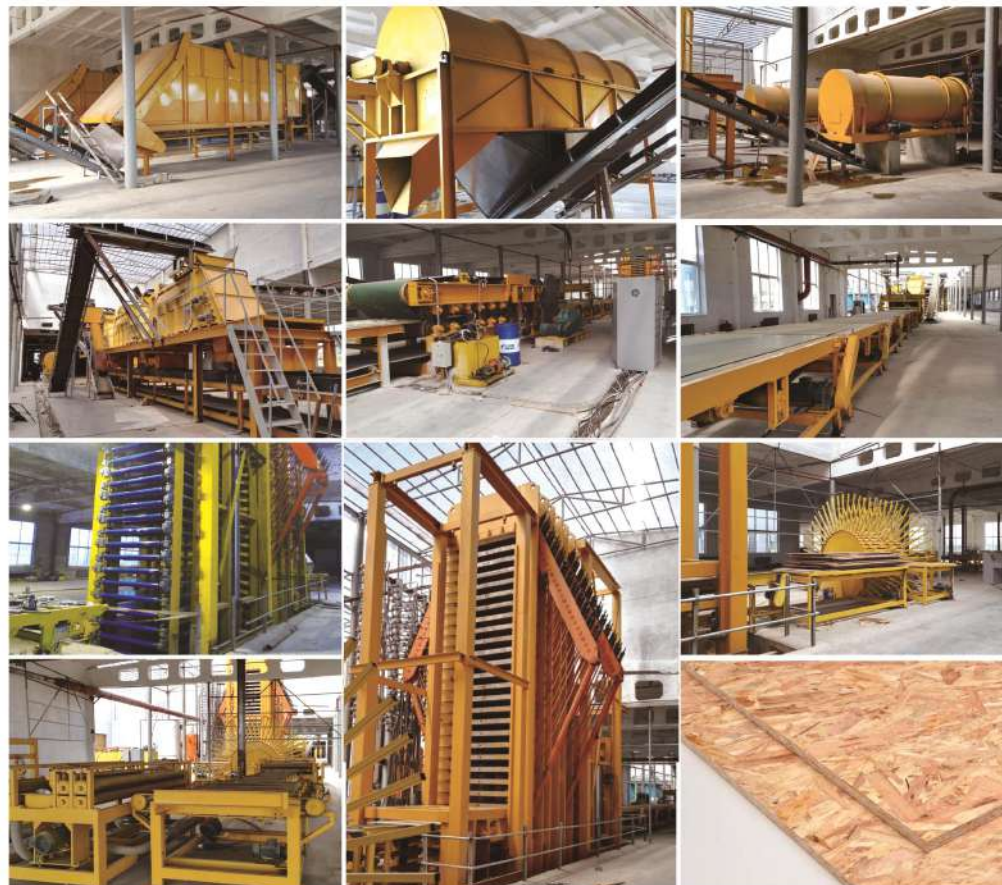
5) Cooling and sizing section 冷却和定尺工段

The rough board is conveyed to star-cooler for cooling, then the rough board goes through side trimming saw and become a qualified particle-board, stacked on the hydraulic lift.

毛坯板被传送到冷却翻板机，然后毛坯板经过横截锯，会最终成型为合格的刨花板，然后会被整齐的堆垛在升降机上。

全自动定向刨花板流水线 30000-150000m³/年

Full automatic OSB production line 30000-150000CBM/YEAR



流水线部分设备照片展示

Production line machine part pictures showing



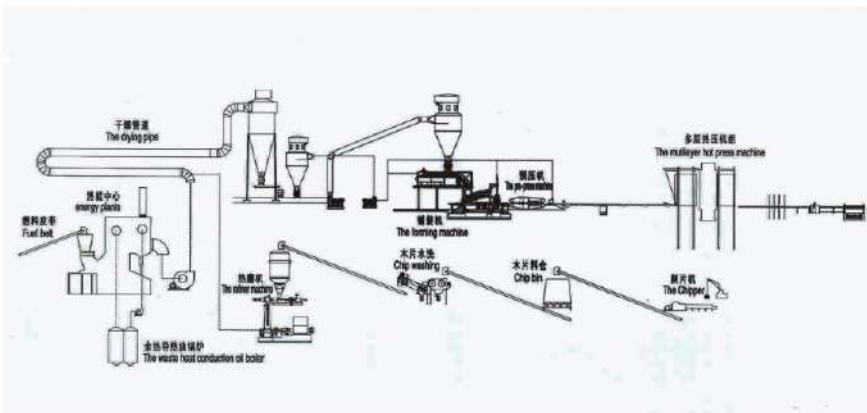
全自动中（高）密度板流水线 30000-150000m³/年

Full automatic MDF(HDF) production line 30000-150000CBM/YEAR



中密度纤维板(MDF)是以木质纤维或其他植物纤维为原料, (经备料工段、纤维制备工段、调供胶工段、铺装热压工段、后处理工段、砂光工段) 加工成密度在 450-880kg/cm³ 的板材。原材料采用木材、枝桠材、木材加工剩余物等。

The medium density fiberboard is processed (through sections of material preparation, fiber preparation, regulating and supplying glue, forming and hot pressing, post-processing, and sanding) to be 450-880kg/cm³ from the raw material of wood fiber or other plant fiber. And the raw material can be woods, brush woods, and the processing residues of woods.



全自动密度板流水线简易流程图

FULL AUTOMATIC MDF/HDF PRODUCTION LINE FLOW CHART

生产流程

Production process

备料工段 Material preparation section

原材料经过削片机切割成一定规格の木片至料仓贮存, 经过筛选将木片中的细屑、泥土及砂石等杂质清除。

After the raw materials are sawed to wood pieces in certain sizes by wood chipper and stored in material warehouse, clean up to the impurities, such as fines, earth and sands, in the wood pieces through screening.

纤维制备工段 Fiber preparation section

木片经运输设备送入热磨机预热料仓/加湿料仓, 然后经过挤压脱水螺旋均匀进入蒸煮器, 将木片蒸煮软化, 使纤维更易分离, 蒸煮后的木片在热和机械作用下分离成纤维。将湿纤维和加热后的干燥介质混合, 利用高压气流的高速作用, 使纤维在干燥介质中处于悬浮状态, 从而纤维中水分被干燥介质带走而达到干燥的目的, 然后通过旋风分离下料落到正反皮带输送机上, 送入铺装计量料仓暂时储存。

Feeding the wood pieces into the boiling apparatus evenly to cook and soften through squeezing and dewatering after transferring them into the defibrator pre-heating bins/humidifying bins by the transferring equipment in order to separate the fibers easily. The cooked wood pieces will be separated to fibers under the forces of heat and machine. Then mix the wet fibers and heated dry medias, and keep the fibers suspending in the drying medias under the high speed force of the high-pressure air flow, and the moisture in the fibers will be taken away by the dry media. Afterwards, the fiber will drop the force of cyclone separator onto the reversible belt conveyor to be transferred to the pavement bins for temporary storing.

铺装热压工段 Forming and hot pressing section

干燥过的纤维由风送系统送入铺装机计量料仓, 机械真空铺装机的铺装辊将纤维均匀铺洒在环形传送网带上, 网带下面设有真空箱形成负压, 然后经同步输送机, 加速皮带输送机, 贮板输送机、伸缩式运输机等连续运输后送至装板机, 装板机逐层装完板坯后, 装板机内的小车将悬臂传送带连同板坯一道进入热压机, 在送进过程中传送带前端的铲头将已压好的毛板同时推出去, 当小车到达终点时, 毛板已全部进入卸板机, 而板坯也到达预定位置, 此时小车后退, 同时皮带向前运转, 传送带的线速度与小车后退速度相等, 板坯处于相对静止, 从而板坯被留在热压板上。板坯在热压机的温度和压力作用下, 压制成规定的厚度, 并使内部胶黏剂固化, 从而制成具有一定强度的板材。再由卸板机将其卸至托架, 在吊笼逐层下降时由出板机构逐块卸出, 运至下一工序。

The dried fibers are transferred into the paver metering bin by the pneumatic system, and the paving rolls of the mechanic vacuum paver paves the fibers onto the circular conveyor. And the air will be sucked away by the mesh belts, under which there is vacuum case forming negative pressure, as while, the fibers are sucked on the mesh belt and form slabs gradually. In the next moment, the fluffy slabs will be compacted by the pre-press machine, and be sawed vertically and longitudinally to lengths required, and then the slabs will be transferred to the loader by the synchronous conveyor, speed-up conveyor, storing-board conveyor and extensible conveyor successively. After being loaded by the loader, the small machine in the loader will transfer the slabs together with the cantilever belt into the hot press machine. During the transferring process, the shovel at the front of the conveyor belt push the compacted slabs out, and the rough boards will enter the unloader as well as slabs get to the preset position when the small machine arrives at the termination. Then the small machine draws back as the belt revolve forward. The revolving speed of the belt is equal to the back speed of the small machine, so that the slabs are relatively static and stay on the hot press. The slabs will be formed to specified thickness under the temperature and pressure of the thermal compressor, and the inside glues will solidify. At last boards of certain strength will be made. Then the boards will be unloaded onto the carrier by the unloader, and unloaded and transferred to the next process by the discharge machine gradually when the suspension coop goes down layer by layer.

后处理、砂光工段 Finishing and sanding section

热压后的毛板经过翻板冷却, 辊台输送机进入纵横锯边机, 锯边成合格尺寸的中密度纤维板, 再经过砂光后分离、堆垛、包装入库。

The thermal-compressed slabs will be cooled through turning over and transferred to the vertical and horizontal sawing machine by the roller conveyor to be sawed into medium density fiberboard in required sizes, and at last, to be separated, stacked, packed and transferred to the warehouse after sanding.

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流水线部分设备照片展示
Production line machine part pictures showing



细木工板流水线设备
Block-board production line



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细木工板流水线（细木工板），主要应用于家具制造、门板、壁板等。细木工板的最外层的单板叫表板，内层单板称中板，板芯层称拼接木芯板，规定芯条的木纹方向为板材的纵向。与实木拼板比较，细木工板尺寸稳定，不易变形，有效地克服木材各向异性，具有较高的横向强度，由于严格遵守对称组坯原则，有效地避免了板材的翘曲变形。细木工板板面美观，幅面宽大，使用方便。

Block board production line(block board), mainly used in the furniture manufacturing, door panel, and wall board...etc. Outer layer of block board is face veneer, inner layer is called as blocks, core layers is composed by glued blocks, and core blocks' wooden pattern's direction is longitudinal. Compared with solid wood jointing, block board size is more stable, is not easy to deform, effectively overcome the anisotropy of wood, and has high transverse strength. Due to strict adherence to the principle of symmetrical mat paving, and warping deformation of the board is effectively avoided. The block board made by our machine has beautiful appearance, wide size and easy to use.

流水线部分照片展示
Production line machine part pictures showing



绿膜覆塑建筑模板流水线

Green PP film plastic coating construction plywood production line



清水塑面人造板，所述基板的下方设有底面，所述基板的上方设有表面，所述底面和表面从内到外依次由高粘度树脂涂层、再生塑料防水隔层和PP膜保护层组成，这样的组成结构充分的利用木头和塑料的特性，包括设在夹层上下的再生塑料防水隔层和清水防渗透面层，再生塑料防水隔层与夹层与面层的树脂粘接，使复合板材更加坚固耐用，外表更加光滑美观。可以广泛的应用到户外装修，建筑，家具建材，车，船地板及混凝土浇筑模板等。本清水塑面人造板具有防渗透，抗紫外线，抗老化，耐磨结实加固的特点，并且有效地将新木基板及废旧塑料，废旧木板木方拼接再次利用，具有环保高效节能减排的特点。

PP film faced construction plywood board, the based board, bottom face has the film, upper face has the film also, from the upper and bottom face, are made up of a high viscosity resin coating, a recycled plastic waterproof layer and PP film protection layer from inside to outside, which fully utilizes the properties of wood and plastics, including recycled plastic water-proof layer and water-proof surface layer arranged in the upper and bottom layers. The recycled plastic waterproof layer and the resin of interlayer and surface and bottom layers sticking together strongly, making the construction plywood board more durable, more smooth and more beautiful. It can be widely applied to outdoor decoration, building, furniture, building materials, cars, ship floors and concrete pouring templates. It has the characteristics of anti penetration, anti ultraviolet, anti aging, and wear-resistant and strong strengthening, and effectively reuses the new wood base and waste plastic and waste wood board. It has the characteristics of environmental protection, high efficiency, energy saving and emission reduction.

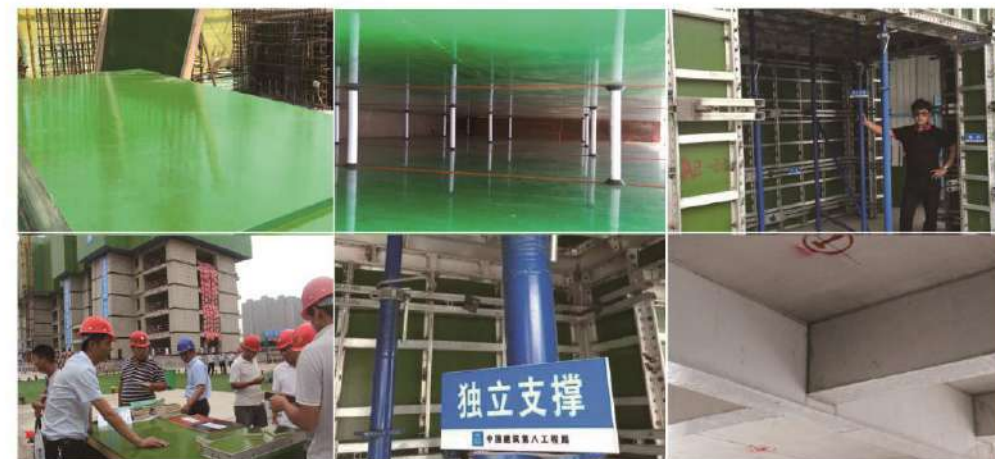
流水线部分照片展示

Production line machine part pictures showing



覆塑建筑模板使用场景

Plastic film coating construction plywood using scene



UV 喷涂流水线 UV coating line

UV 表面喷涂流水线, 是对密度板, 胶合板, 地板等进行表面涂装的专业设备, 经过 UV 涂装后, 板材的表面是环保的, 光亮的, 并能延缓板材表面褪色和变色, 保证了板材最原始真实的状态。

UV surface coating line, is the professional equipment for mdf board, plywood board and flooring board surface coating work, through surface UV coating, the surface of board is environmentally friendly, glossy, it also can delay the fading and discoloration of the surface of the board and ensure the original state of the board.



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UV production process				
	1. 粉尘清除机 dust cleaner	2. 轻型腻子机 Fill machine	3. 双灯 UV 干燥机 UV dryer with two lights	4. 3M 输送机 Belt Conveyor 3M
	2.5M 2.5KW	1.4M 9KW	2M 21.65KW	3M 0.4KW
	5. 单带底漆砂光机 Lacquer Sanding Machine	6. 粉尘清除机 dust cleaner	7. 全精密单滚涂布机 Single Roller coater	8. 双灯 UV 干燥机 UV dryer with two lights
	1.6M 15KW	4.5M 2.5KW	1M 7.1KW	2M 21.65KW
	10. 单带底漆砂光机 Lacquer Sanding Machine	11. 粉尘清除机 dust cleaner	12. 全精密单滚涂布机 Single Roller coater	13. 三灯 UV 干燥机 UV dryer with three lights
	1.6M 15KW	4.5M 2.5KW	1M 7.1KW	2M 32KW

配件列表 Spare parts list



Machinery Packing Spare parts

Please search our spare parts web site to get more details !



www.geelongplyparts.com



GEELONG
spare parts