



PROFESSIONAL

AUTOMATIC PACKAGING EQUIPMENT



HALLMARK GROUP

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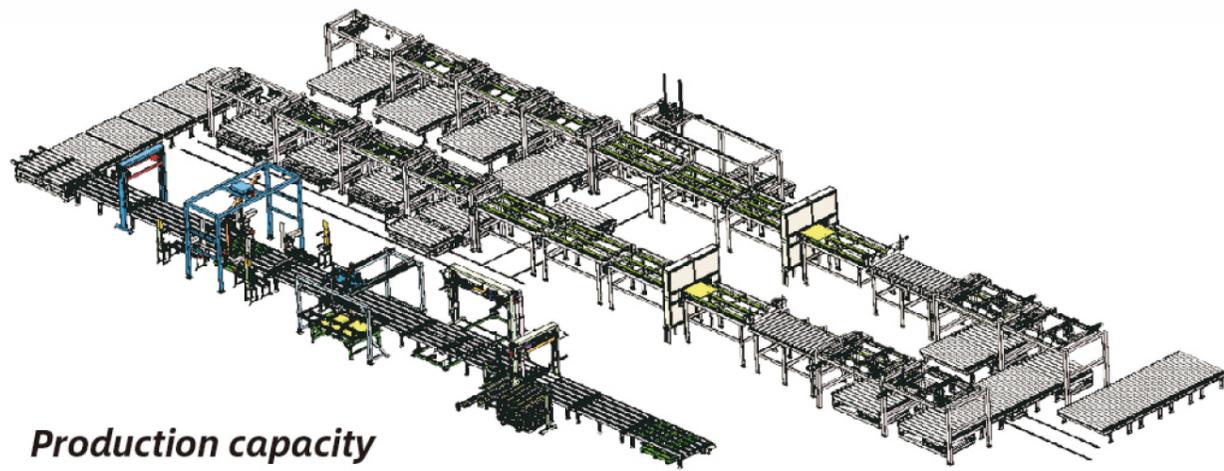
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MACHINERY & PROJECT SOLUTION

Quality assurance
High-integrity enterprise

GRADING/SORTING/PACKING SYSTEM



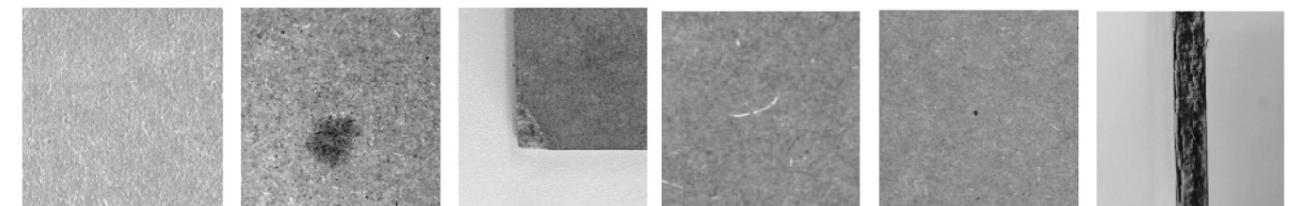
Production capacity

Sorting Line: 1000m³/day

Packing Line: 1500m³/day



INTELLIGENT DETECTION OF WOOD BASED PANEL SURFACE



Rough

Oil

Damaged corner

Coarse Chip

Carbon

Hairy Surface

2mm diameter plastic dots, oil, dust particles, hourglasses, large shavings and other foreign objects.

1mm deep scratches, pits.

2mm crack and missing angle.

Detection rate of more than 99% for the above surface defects.

The industrial AI detection model A Detector technology is used to identify the board through a visual professional algorithm. The deep level of Prompt-based learning can prompt the learning paradigm to accurately determine whether the defect meets the shipping standards.

Single- or double-sided inspection, 4x8 foot wide panels;

Independent control system, parameter threshold adjustment to meet different standard settings;

100% detection at full speed to improve detection efficiency;

Accurate reporting and statistics.

Minimum Defect Size: 0.8 x 0.8mm/0.4x0.4mm

Inspection Efficiency: False Detection Rate ≤0.02% , Missed Detection Rate ≤0.02%

CONVEYOR & SORTING LINE

Through the board defect visual scanning system, the boards are stacked according to the board grade to the multi-stacking position stacker, so that the board stacks can enter the board unloading lift table in sequence according to the set program, realize the near and far end stacking grade sorting, and enter the packaging line through the board exit transition roller table to achieve seamless connection with the packaging line.

Working Length: 2440-3050mm

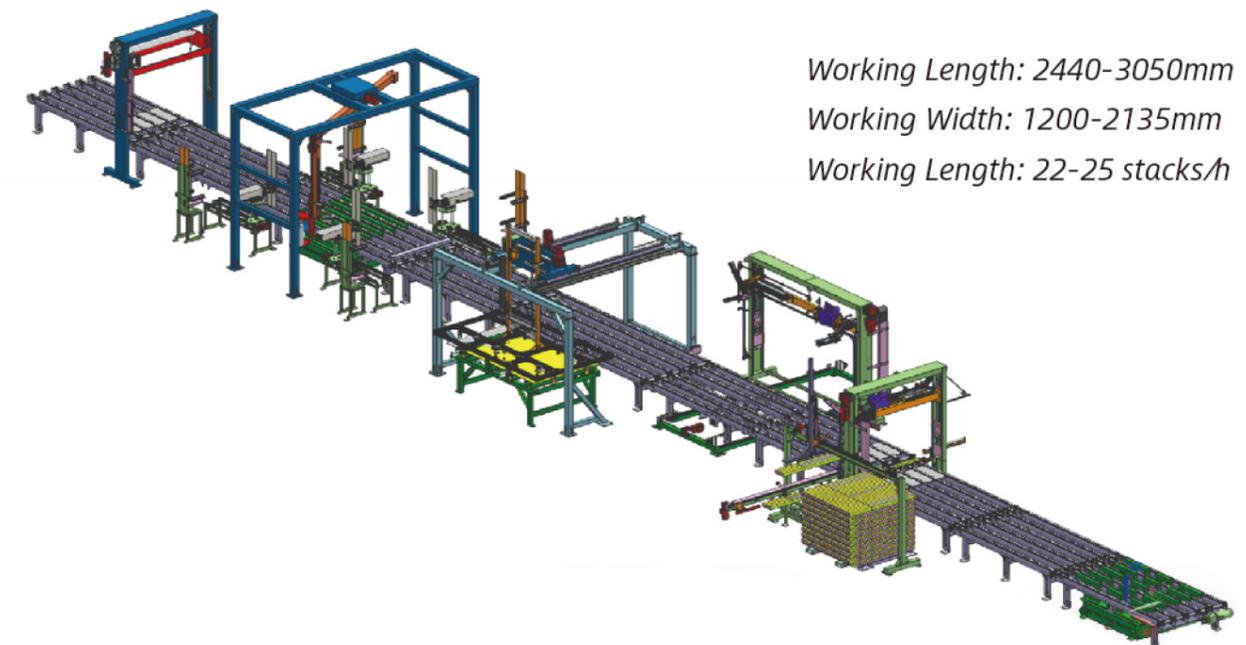
Working Width: 1200-2135mm

Working Length: 130m³/h



PACKING LINE

1. PLC programmable control
2. Independent electric control cabinet, alarm light, and sound;
3. Automatic winding and rotating arm design to ensure overall flexibility of packaging;
4. Suction cup vertical corner protection manipulator, cooperate with film wrapping machine for circumferential packaging;
5. Automated strapping machine, to ensure the stability and transportation safety of goods;



Working Length: 2440-3050mm

Working Width: 1200-2135mm

Working Length: 22-25 stacks/h

STRAPPING MACHINE

Protect the packaging with stretch film, making it waterproof, lake-proof and dust-proof.

The rotating arm of this automatic wrapping machine is equipped with an extendable polyethylene clamp, cutting and welding unit.

The inverter controls the lifting speed of the film rack, the speed of the arm, the acceleration and reduction ratio.

The safety fence connects to the limit switch on the door.



horizontal and vertical packaging

Various materials, convenient and fast.

Users can customize,

They are employed by many large, medium and small factories.

The equipment has the function of automatically adding pads

Number of pads: 60

Specifications of pads: 1220mm long x 60mm wide x 60mm high

Requirements for strapping: 4 strappings in the longitudinal direction and 2 strappings in the transverse direction to achieve parallel-shaped packaging.

Automatically place paper corner guards when strapping



Corner guard dimensions: 100mm long x 50mm wide x 5mm thick

Corner guard storage: 100

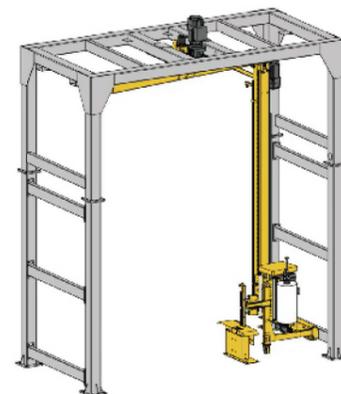
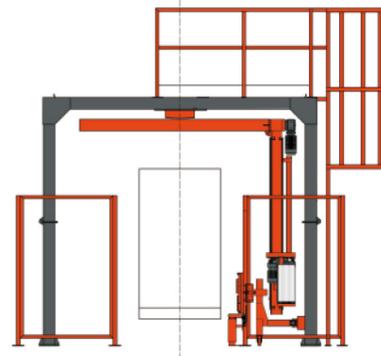
Working capacity: not less than 20 pallets/hour



STRETCH FILM WRAPPING LINE

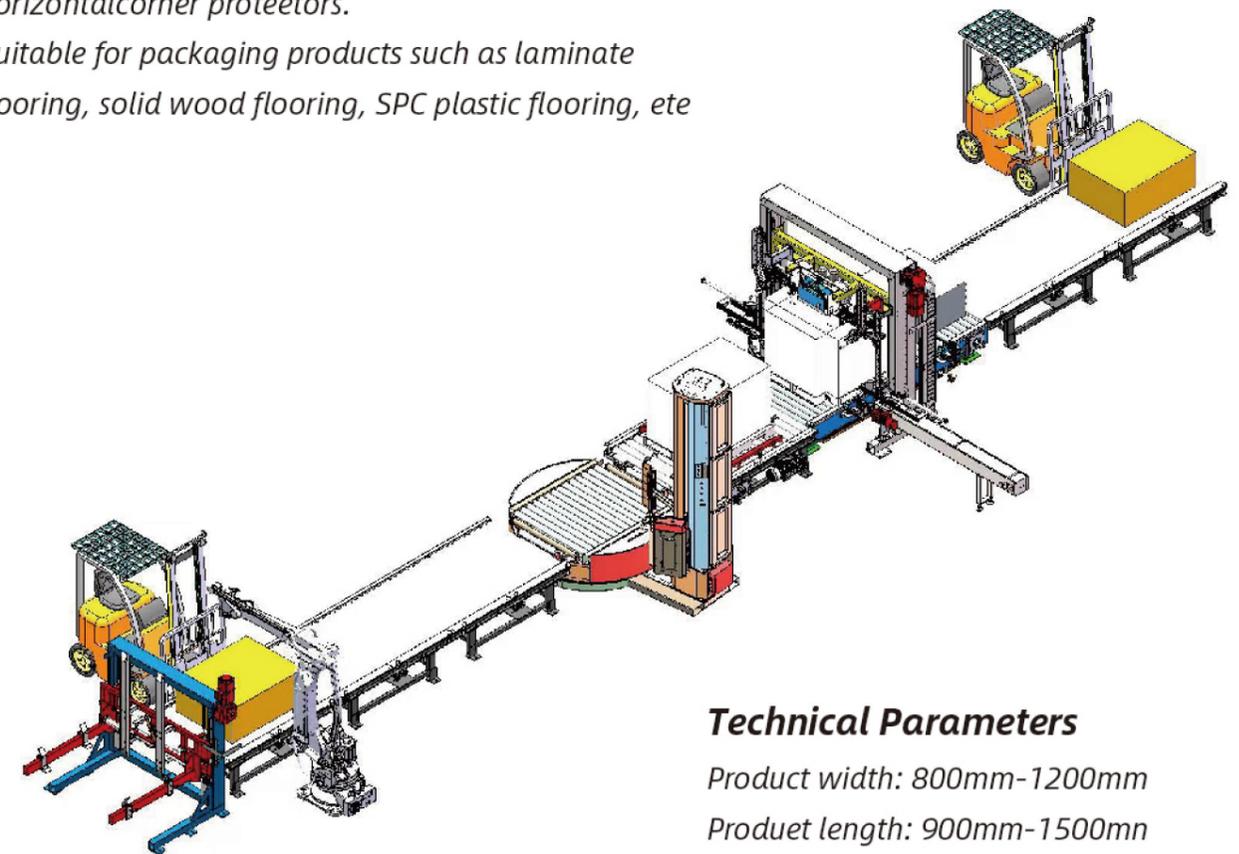


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FLOORING AUTOMATIC PACKAGING LINE

Equipment function: The equipment palletizes the already packed foors, and then completes film wrapping packaging, film wrapping packaging, and tape wrapping packaging. It can be equipped with automatic tray supply, film wrapping vertical corner protectors on all four sides, and tape top horizontal corner protectors. Suitable for packaging products such as laminate flooring, solid wood flooring, SPC plastic flooring, etc



Technical Parameters

Product width: 800mm-1200mm
Product length: 900mm-1500mm
Product height: 400mm-1000mm
Capacity: 15 to 50 stacks/hour

PET PLASTIC STEEL BELT

Model	Width	Thickness	Roll Length	Fracture Strength Level I	Fracture Strength Level II
09055	9.0mm	0.55mm	3000m	2000m	1640m
12063	12.0mm	0.63mm	2000m	3000m	2610m
16060	16.0mm	0.60mm	1500m	3800m	3360m
16080	16.0mm	0.80mm	1125m	5100m	4480m
19080	19.0mm	0.80mm	950m	6000m	5320m
19100	19.0mm	1.00mm	800m	8300m	6650m
25100	25.0mm	1.00mm	600m	10000m	8750m
25120	25.0mm	1.20mm	500m	12000m	10500m
32100	32.0mm	1.00mm	450m	13000m	11000m
32120	32.0mm	1.20mm	400m	15000m	11430m



STRETCH FILM FOR WRAPPING MACHINE

Model	Width	Thickness	Length	Core Diameter
HM-1250	500mm	0.012mm	2717m	76mm
HM-1550	500mm	0.015mm	2173m	76mm
HM-1750	500mm	0.017mm	1918m	76mm
HM-2050	500mm	0.020mm	1630m	76mm
HM-2250	500mm	0.022mm	1482m	76mm
HM-2550	500mm	0.025mm	1304m	76mm
HM-2850	500mm	0.028mm	1165m	76mm
HM-3050	500mm	0.030mm	1087m	76mm



ELECTRIC STRAPPING MACHINE

Model	HM-A16
Configuration	Touch LED screen/brushless motor
Material	PP/PET
Specification	Width 13-16mm Thickness 0.4-1.2mm
Battery	18Vs.0Ah 50/60Hz 90Wh
Endurance	Full filling takes 90 minutes and can produce 550 straps
Speed	18cm/s
Sealing tape	Friction welding
Tightening force	400-3500N
Size	L370mmx W140mm x H135mm
Weight	4kg
Standard	One battery, one charger, tool kit, user manual



PNEUMATIC STRAPPING MACHINE

Model	HM-260
Colour	Silvery
Material	PP/PET
Specification	Width 9-19mm Thickness 0.4-1.5mm
Gas source	0.5-0.7MPa
Speed	6cm/s
Sealing tape	Friction welding Tightening force: 4500N
Weight	3.8kg
Standard	Tool kit, user manual

