

Front feeding panel saw:HP420GK



(Product photo for reference only) HP420GK has four tables

Intelligent sizing, maximum efficiency and productivity(Front feeding)

- (1) Enhanced PC control
- (2) Independent motor for main saw (18.5kw)
- (3) Independent motor for grooving saw (2.2kW)
- (4) Blade carriage is driven by servo
- (5) Pneumatic double side aligner
- (6) Quick replacement of saw blade
- (7) Controlled by industrial computer
- (8) Optimize typesetting software (k), label printer
- (9) Durable double sides horizontal rail
- (10) Rack and pinion driving device, no need lubrication
- (11) High efficient AC servo motor control
- (12) Firm and stable gripper
- (13) Frame: heavy duty, multi annealing treatment. Long service life without deformation.
- (14) Press Beam:
 - Heavy-duty press beam: high strength, press panel tightly to ensure cutting stability.
 - Two end rack and pinion synchro press beam, it can press panels evenly.
 - The open area of the press beam is small. The dust collection is optimal.

(15) Blade carriage:

Imported aluminium carriage

Rack and pinion driving device: no need lubrication

Manual scoring blade adjustment

Technical data

Model	HP420GK
Max. cutting length	4180mm
Max. cutting width	4180mm
Max. height of saw blade	100mm Intelligent lifting
Main saw blade	400x4.4x75x72T
Groove saw blade	160x4.3/3.2x45x24T
Blade carriage forward speed	5-100m/min
Blade carriage backward speed	0-100m/min
Gripper forward speed	0-100m/min
Gripper backward speed	0-100m/min
Side aligner	Pneumatic double side pressing wheels
Main saw shaft motor power	18.5kw
Motor power of grooving saw shaft	2.2kw
Saw servo motor	1.8kw
Feeding servo motor	1.8kw
Gripper quantity	11pcs
High pressure fan of air floating platform	2.2kw
Package size	6400x1350x2170mm 6000x920x1000mm
Machine footprint	8900x6000x1890mm
Weight	About 6500kg
Min. panel size	70x70mm

Total power	26.5kw
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Configuration



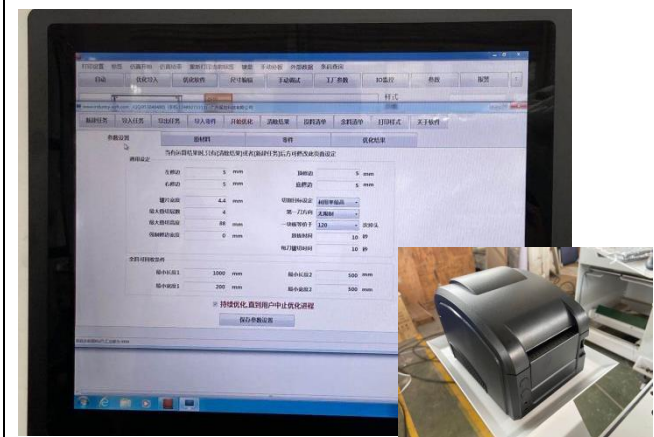
Aluminum press beam

Aluminum one-piece press beam with high strength, it can press panel perfectly and ensure the sawing stability.



Industrial computer

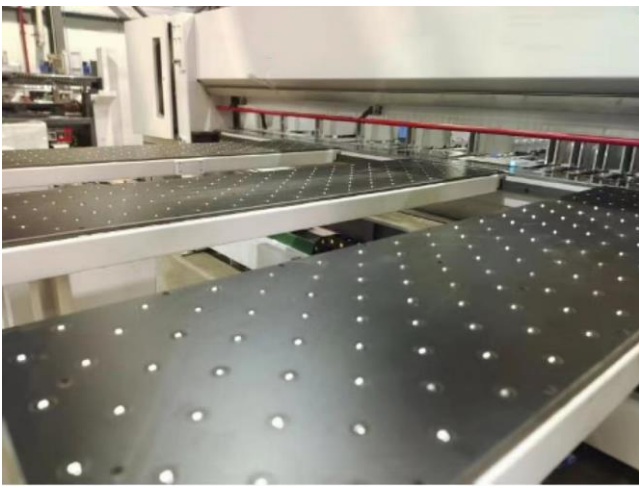
Integrated touch screen industrial computer, easy to operate.



Optimal software (k)+ label printer

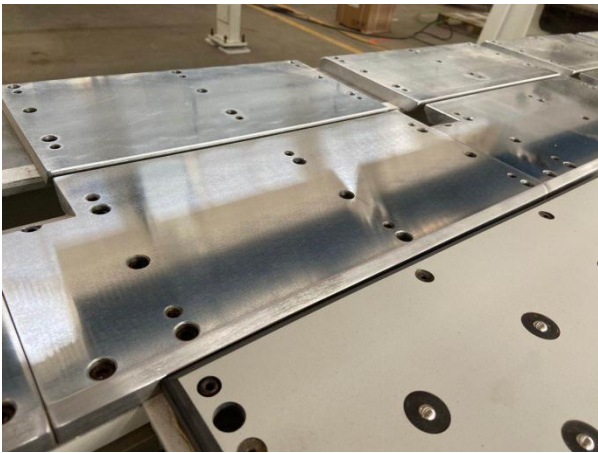
Optimal software (k) : Software to optimize cutting patterns and maximize efficiency for both material costs and cutting times.

Label printer: print barcode or QR code, transmit data through computer, and connect with the design software.



Air floating loading platform

The steel ball air floating loading platform makes the loading easy and convenient.



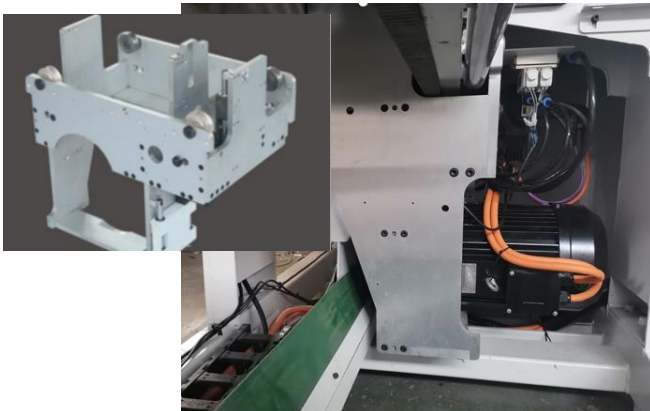
High quality chrome plated steel metal platform

Protect the panel surface and minimize the scratch of the panel.



Pneumatic double side aligner

High precision pneumatic side aligner, accurate and zero error.



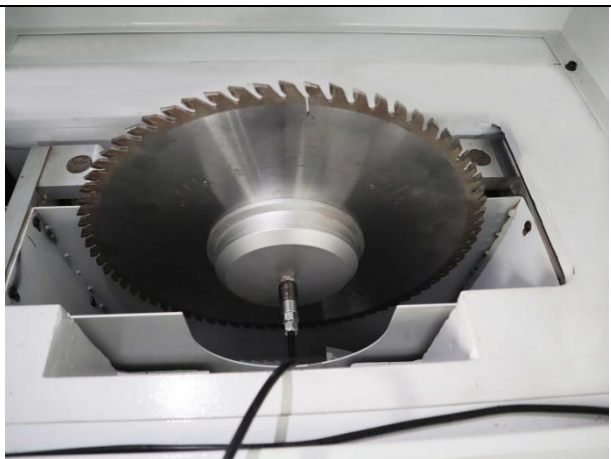
Imported high tensile aluminum alloy saw carriage

High strength, intelligent lifting, stable travel.



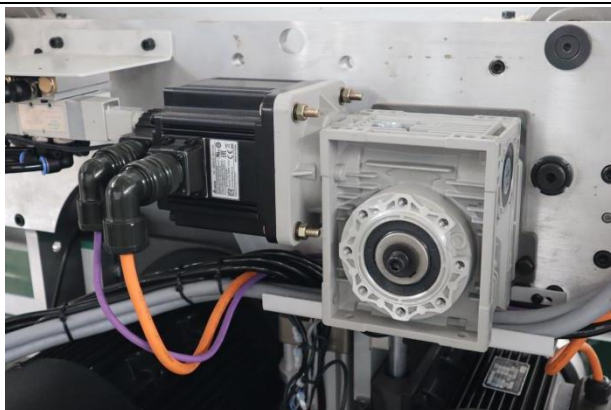
Precision main saw

Stable rotation, sharp and durable, equipped with pneumatic lock



Quick replacement of saw blade

Remove the saw blade pneumatically and replace it easily by pneumatic control



Saw carriage servo motor

1.8KW servo motor, quick response, stable operation.



High precision clamp

Servo drive, high precision, stable and efficient.



Rack transmission

Precision rack transmission, no lubrication, stable operation.



Main saw motor

18.5kw motor ensures efficient operation.



Stable electronic control system

The famous brand electric control components have strong anti-interference ability, which can ensure the smooth and stable operation of the equipment and lower energy consumption.