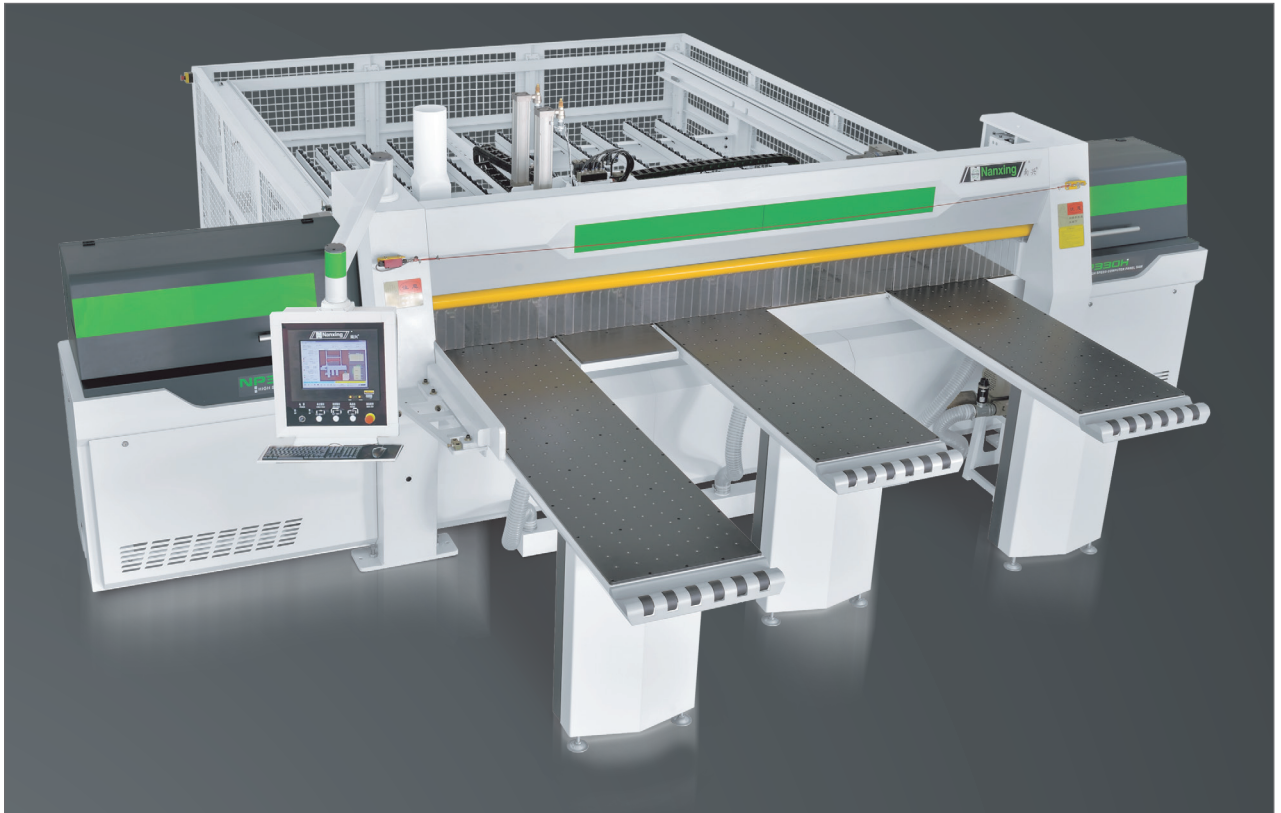


# Pressure Beam Saw NP 330 HG



\* Note: The manufacturer reserves all rights for technical modifications.

## Equipment

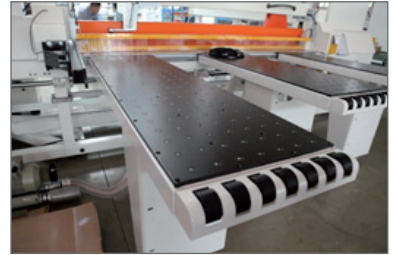
### Machine frame

- The steel frame welded with heavy steel plates is made by metal processing center. After heat treated and constructed, the steel frame is solid and stable that permits high capacity cutting.



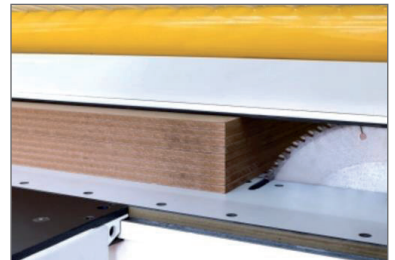
### Floating feed table

- Floating feed table with steel balls reduces any scratches on panel surface and ensures panel transmitted smoothly.
- Pressure fan under working table reduces wastage of wind wastage  $2 \times 2.2 \text{ kW} = 4.4 \text{ kW}$



### Pressure beam

- When performing cross cut, put same pressure on the whole surface of the panel.
- Piano type dust cover provides a completely enclosed blade guard and prevents flying dust and chips.
- Max. cutting thickness 120 mm



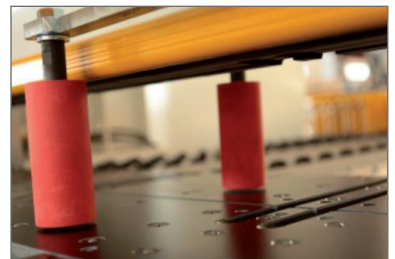
### Hand protector

- Mounted on the pressure beam
- The protective device will fall down before cutting and rise after cutting to protect the operator



### Side alignment

- When performing cross cut, one roller (2 in total) automatically compresses the panel tightly to ensure high cutting accuracy



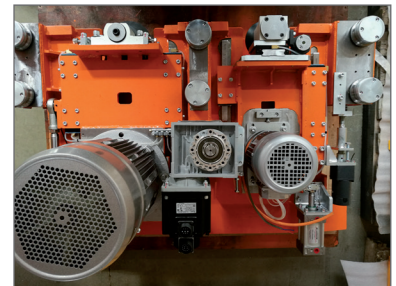
## Gripper

- Feeding panels by 8 sets of grippers
- Central location of servo motor for allocating average power on each side of actuating device to guarantee high precision and stability
- Grippers are pushed by AC servo motor, transmitted by rack and pinion on both sides to ensure synchronous movement on both sides
- Magnetic railing ruler measuring system for high precision, no contact, no abrasion, no need to be adjusted, dust-proof



## Saw carriage

- Main saw and scoring saw by independent controls, with 18 kW main motor
- High performance and minimum vibration



## Automatic lubrication system

- The automatic lubrication system ensures smooth operation, easy to maintenance, and reduces the possible costs of repair



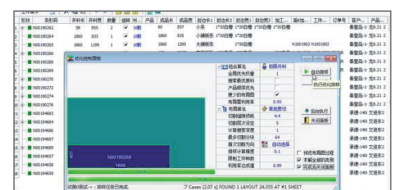
## Machine control

- User-friendly HMI coordinated with USB interface, network card, mouse and keyboard for easy operation
- Controlled by IPC, Windows operating system and Nanxing's professional computer saw cutting software.



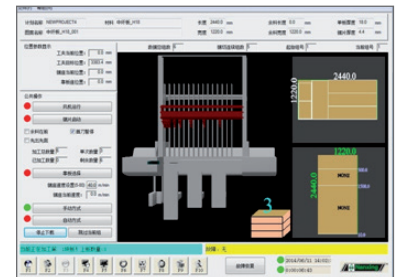
## Optimizing software

- Nanxing optimization software ensures high utilization of panels, reduces the unnecessary costs of production so as to increase the income. And the cutting pattern can be generated automatically
- Processed with function of rest material management so that the rest material can be utilized first.



## Operational software

- The layout, direction and the number of the whole panel can be indicated graphically in the screen while cutting.
- Position of rest material is optional. The use of panel guide and how to cut can be determined.
- While inputting pattern, software will confirm the number of panels, then work out cutting times, if label needed or not, and label size.
- As one pattern finished, switch into next pattern automatically



## Control cabinet

- Electric components of high quality

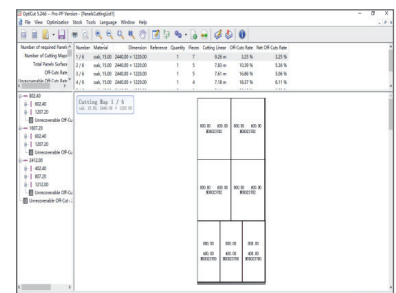


## Options

### Printer



### Opticut software



## Technical Data

Cutting	Max. cutting length	3,300 mm
	Max. cutting thickness	120 mm
Main saw	Motor	18 kW
	Rotation speed	3,910 rpm
	Saw blade diameter	460 mm
	Saw blade inner diameter	60 mm
Scoring saw	Motor	2.2 kW
	Rotation speed	4,150 rpm
	Saw blade diameter	180 mm
	Saw blade inner diameter	45 mm
Saw carriage	Motor	1.5 kW
	Forward speed	90 m/min
	Backward speed	120 m/min
Feeding	Automatic feeding motor	2 kW (AC servo)
	Feeding speed	80 m/min
Dust extraction	Pipe diameter	3 x 150 mm
Power	Total power consumption	27.6 kW
Machine dimensions	Working table height	980 mm
	Net weight	6,000 kg
	Overall dimensions (LxWxH)	6,900 x 6,550 x 2,020 mm

**Note:** Sawblades are not included.

