Computer Panel High Speed Saw NP330HG

Nanxing Machinery
Guangdong China

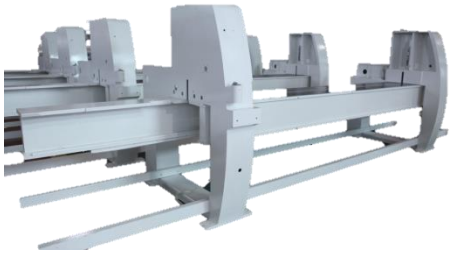
Description

- ✓ High precision saw carriage transported system, maximum cutting thickness up to 120mm;
- ✓ Selected 18kw Italian main saw motor;
- ✓ NP330HG uses IPC, also equipped with side alignment device and optimizing software.

Details

1. Machine body

- Special designed machine body constructed with high tensile strength steel, must undergone properly metal fabrication process in order to make sure maintaining its accuracy and durability.



2. Professional assembly line

- Assembly is final and important step for better machine performance. Nanxing's professional assembly lines from machine body to small electrical components were by experienced technicians that guarantee machine standardization and performance.

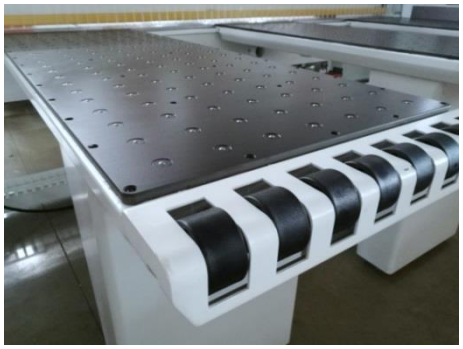
3. Quality control

- Advanced measuring equipment and strict QC system also help to make sure the final machine we offer to our customers are of high quality;

4. Steel table plate

- High stiffness steel plate with long service life, precision up to ±0.03mm, reducing the possible maintenance costs.

5. Air float feed table



- Full of air steel balls on table surface with a fan ensures a constant ease of panel stacks movement, the black table plate is rigid and wear proof ensuring best way to protect panel surface.

- Separate 3 pipes connected to 3 float tables with a 2.2kw air blower beneath the table supplies sufficient air.
  Flow rate: 5.2m^3/min.

6. Pressure beam

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

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8. Side alignment

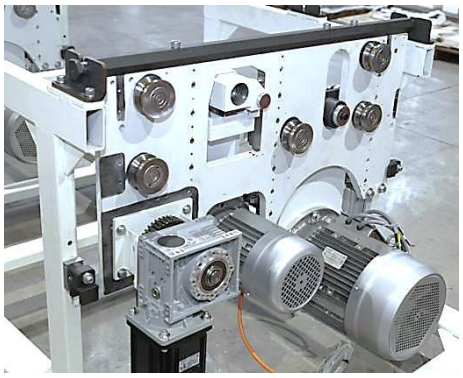
- When performing cross cut, 2 side alignments automatically compress the work piece tightly from side to guide alignment for perfect square cut.

9. 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 the high precision and stability.

- Saw carriage by 2kw servo motor along rack and pinion, automatically moved to fit based on the width of panel, reduces travel distance.
- Magnetic railing ruler measuring system (Magnetic railing ruler measuring system possesses high precision, no contact, no abrasion, with no need to adjust, no influence of dust.)

10. Saw carriage



- Main saw and scoring saw by independent controls, with selected 18kw Italian main motor, that means higher performance but minimum vibration.
- Quick exchange of main saw blade, ideal design for operator.

Main saw motor is 18kw, 3910rpm/min,
inner Φ60mm outer Φ380mm

Scoring saw motor is 4150rpm/min
inner Φ45mm outer Φ200mm

Tip: Saw blades are not included.

11. Automatic lubrication system

- The automatic lubrication system greases the main transmission components automatically that reduces the need of maintenance by operators.

12. Dust collection

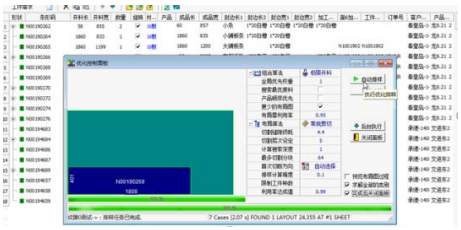
- Reduce flying chips and dust, convenient working condition contributes to extend service life.
  Φ150mm*3

13. Machine control

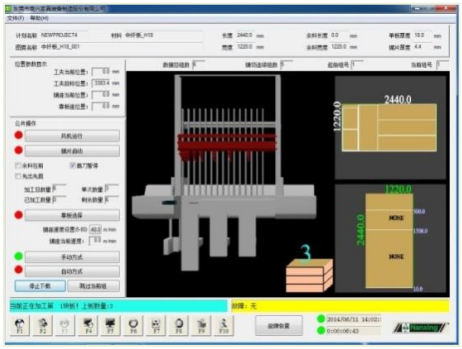
- User-friendly HMI coordinated with USB interface, network card, mouse and keyboard for easy operation; Chinese and English are available.
- Controlled by IPC, Windows operating system and Nangxing's professional computer saw cutting software.

14. 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.



15. Operation 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.

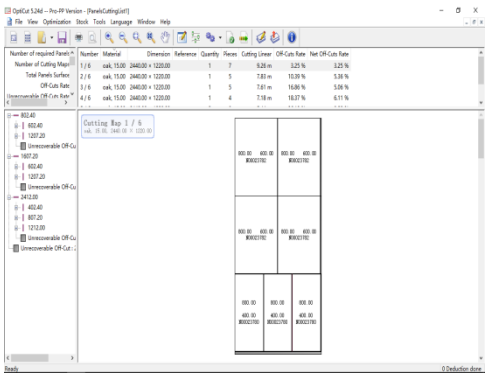
16. Control cabinet

- Most of electric components of the machine are international brand for high quality and generality.

Option

1. Printer

2. Opticut software



Technical Data

Max. cutting length		3,300mm
Max. cutting thickness		120mm
Main saw	Motor power	18kw
	Diameter	460mm
	Diameter of axle	60mm
	Rotating speed	3,910rpm
Scoring saw	Motor power	2.2kw
	Diameter	180mm
	Diameter of axle	45mm
	Rotating speed	4,150rpm
Saw carriage	Drive motor power	1.5kw
	Forward speed	90m/min
	Backward speed	120m/min
Automatic feeding motor power		2kw (AC servo)
Feeding speed		80m/min
Dust collector		Φ150mm*3
Total power		27.6kw
Working height		980mm
Net weight		6,000kg
Overall dimension		6,900*6,550*2,020mm

**Thanks for the attention of Nanxing*

The company continuous to improve the product specifications and design details, the specifications are shown here subject to change without notice. 80917