



东莞厚街总部基地
Dongguan Houjie Base



东莞沙田基地
Dongguan Shatian Base



广东韶关基地
Guangdong Shaoguan Base



江苏无锡基地
Jiangsu Wuxi Base



Nanxing



Products Defination

2025.10

01

Panel Saw Definition



Panel Dividing Saw at a Glance

Front Feed	
Touch screen	NPT280、 NPT330
IPC	NPC280、 NPC330、 NPC380、 NPC440
Heavy duty	NP330HG、
Servo presser	NPC330S、 NPC380S
Twin pusher	NP638DR
Narrow Parts	NPC150, NPL150HG

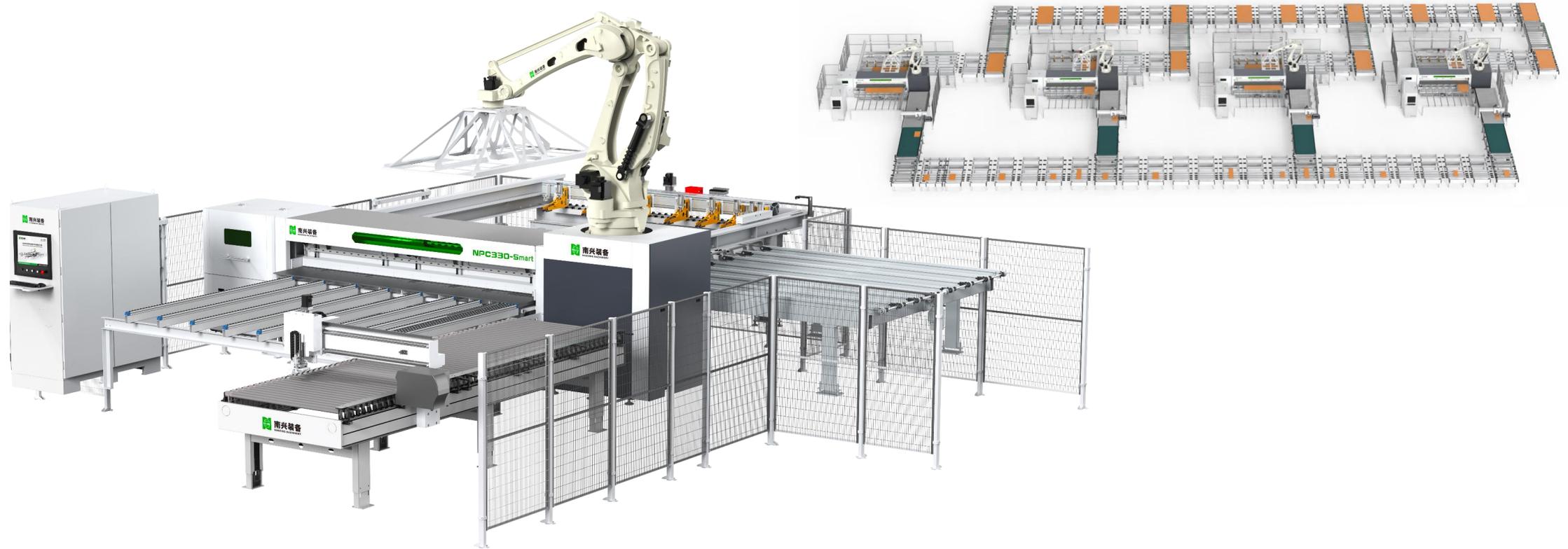
Reer Feed	
Entry level	NPC330LE (4/9ft,7/9ft) NPC380LE 3660*2250mm 120mm
Heavy duty	NPL330HG、 NPL380HG、 NPL440HG
Twin pusher	NPL380D、 NPL440D、
New twin pusher	NPL738DR

Others

Angular Saw NZH3825D, Sliding Table Saw MJ1132/8F; MJK1132/38F1



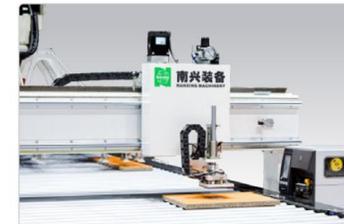
Saw+Robot solution - NPC330-Smart



- Perfect combination of robot and cutting saw , fully automatic Ripping and cross-cutting and labelling;
- Up to 1500 parts can be cut in a single shift;
- Multiple machines working in parallel, combined with panel conveying system, can form an intelligent cutting workstation;



配置真空吸盘抓料，机器人自动搬运
Featuring vacuum cup loading system,
robotic automated transfer



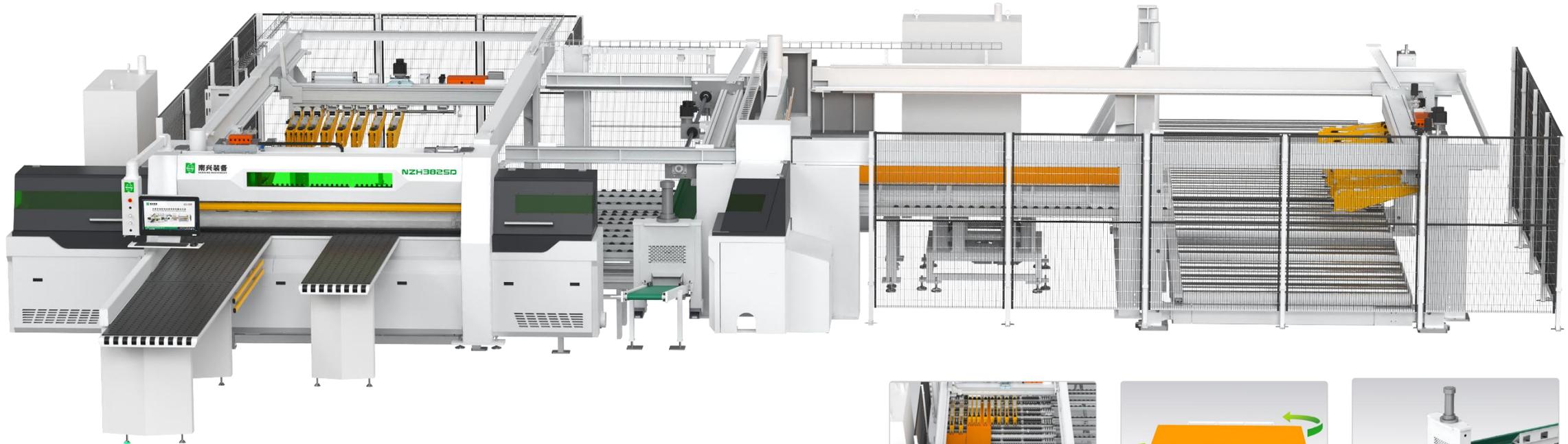
自动贴标
Automatic labeling



自动缓存
Auto. buffering



Angular Saw Solution NZH3825D

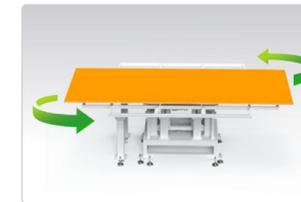


Main Configurations:

- ① Pit-free lifting table with 5-ton loading capacity
- ② Maximum cutting thickness: 120mm
- ③ Offcuts collection system
- ④ Twin pusher structure for cross-cutting
- ⑤ Maximum cutting dimensions: 3660mm x 2200mm
- ⑥ Minimum cutting dimensions: 200mm x 200mm



独立双推手结构
Independent twin push structure



自动转板装置 (选配)
Auto. turning device (Option)



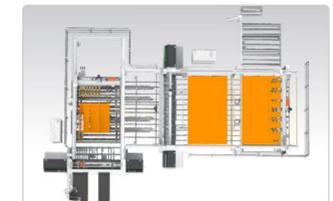
自动截断和废料收集
Auto. off-cut chopping and collecting



最高锯切厚度120mm
Max 120mm cutting height



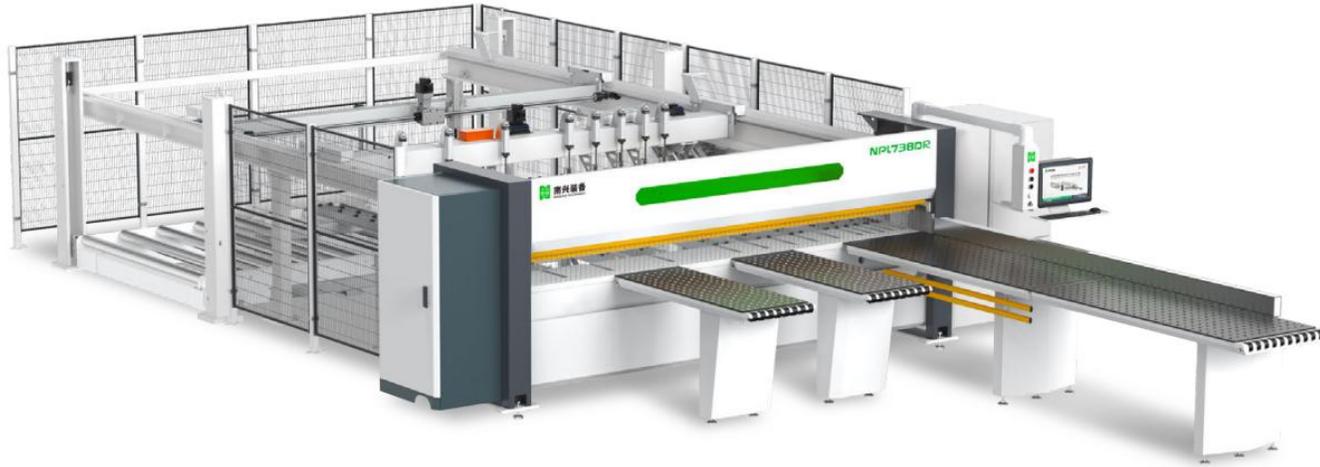
重型锯座
Heavy-duty saw carriage



纵横锯切
Ripping and cross-cutting



Panel Dividing Saw with lifting table and twin pusher - NEW: NPL738DR



New generation of NPL380D:

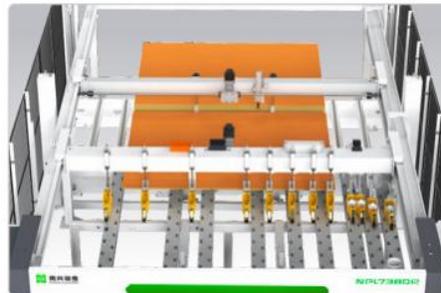
- ✓ Maximum side feed dimensions: 3660mm × 2200mm
- ✓ Delta PLC & Servo
- ✓ Shark fin precise side aligner
- ✓ NPC type gripper structure
- ✓ The main grippers and the powered grippers can clamp the same panel at the same time, which is ideal for larger panel, ensuring greater stability during movement and cutting.



最高锯切厚度120mm
Max 120mm cutting height



独立双推手
Independent twin pusher



双横梁
Twin program fence



四柱式升降台
Four-column pit-free lift table

5T



Panel Saw - Rear feeding – 120mm NPL330/380HG



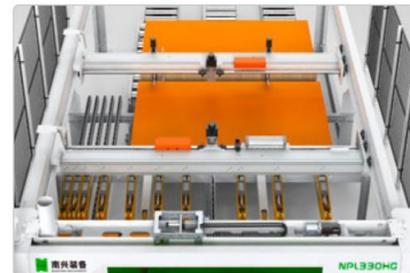
- Siemens PLC & Delta Servo
- Shark fin precise side aligner



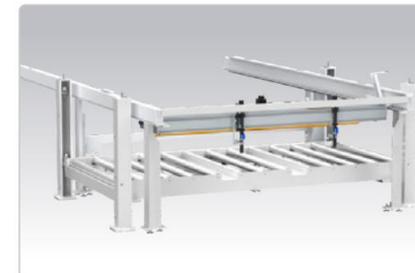
Option: Steel table with air float



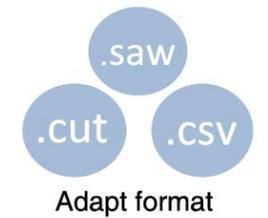
最高锯切厚度120mm
Max 120mm cutting height



重型双横梁
Heavy-duty twin program fence



四柱式升降台
Four-column pit-free lift table



Adapt format



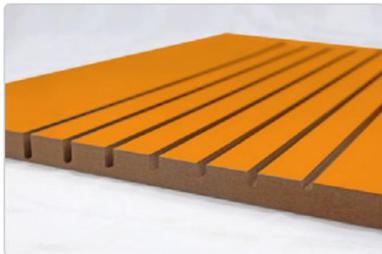
Entry Level Rear Feed Solution - NPC330/380LE



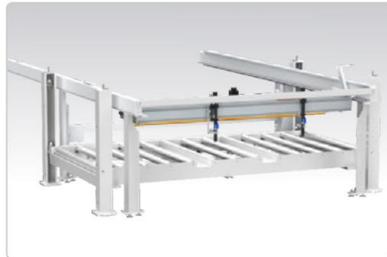
- ✓ NPC330LE max rear feeding panel size 4*8ft (2750*1220)
Option: 7*9ft (3200*2200)
- ✓ **NEW: NPC380LE**
3660*2250mm



整体式锯座
Integrated saw carriage



主锯可选伺服升降，实现开槽
Option: Main saw servo lifting for grooving



可选：四柱式升降台
Option: Four-column pit-free lift table

Model	NPC330LE	
Cutting size	3200mm	
Max. cutting thickness	90mm	Option 120mm
Saw motor	15kw	
Saw carriage	1.5kw 120m/min / 120m/min	
Total power	26.5kw	
Overall dimension	7500×5400×1820 mm	



Panel Saw-Front Feed- 90mm Twin pusher

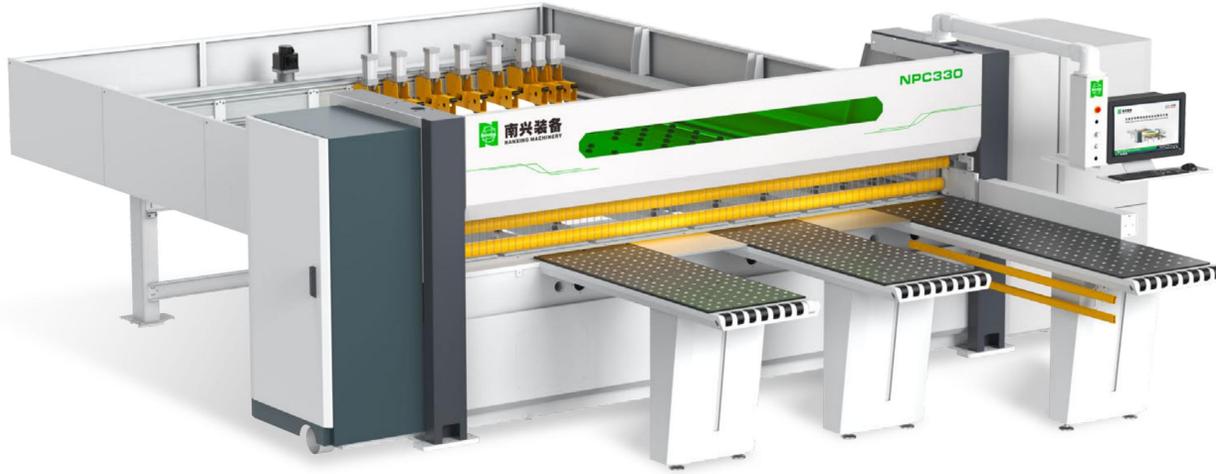
NP638DR

Front feed & Twin pusher





Hot Selling - Front Feed NPC330 90mm



OPTION

- NPC380 / NPC440 for bigger panel
- 18.5kw main saw motor for 120mm cutting height
- Option NPC330/380S/ with servo top presser for aluminum honeycomb boards



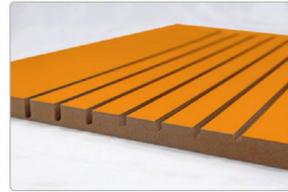
重型高刚性框架式机架
Frame-type machine body of high rigidity



整体式锯座
Integrated saw carriage



智能控制系统
Heavy-duty twin program fence



主锯可选伺服升降, 实现开槽
Main saw servo control for grooving (Option)



压梁伺服控制
Pressure beam servo lifting



铝蜂窝板裁切模式
Aluminum honeycomb panel cutting mode



Panel Dividing Saw - Narrow Parts Solution

NPC150

Panel Dividing Saw



- For narrow parts mass cutting
- 12 sets compact grippers and comact bracket cable.
- Main saw &scoring saw by separate control

NPL150HG

Through-feed Panel Dividing Saw for Narrow Parts



- For long strip crosscut of wrapping line
- 12 sets grippers
- Through feed & Off-cuts removal device
- Friendly for surface-sensitive board



Compact grippers&brackets



Compact table with off cuts removal device



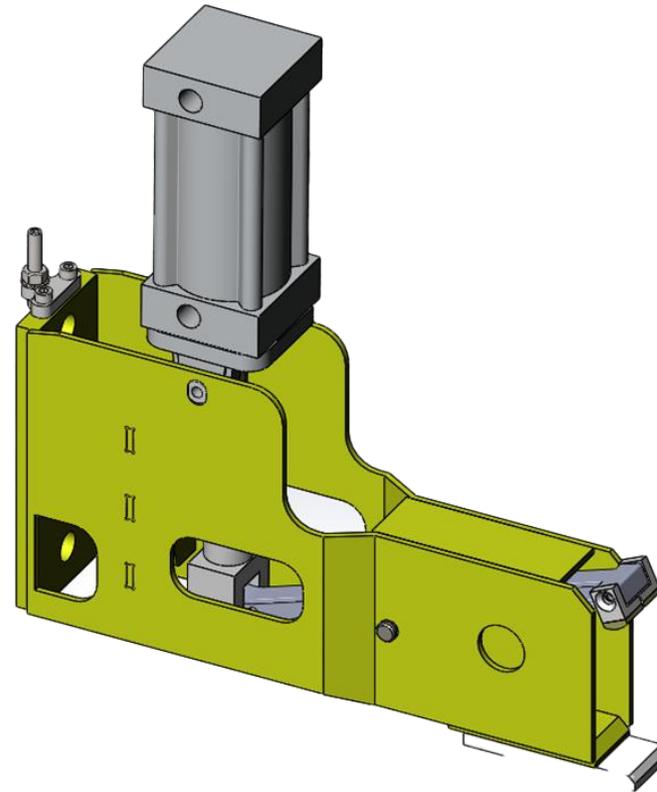
- **NPL150HG Option version:**
Manually feed in from side, Auto aligning for crosscut



Improvements 1- NPC

NPC full range machines added 2 pcs grippers

- 1、 NPC280 9pcs;
- 2、 NPC330 10pcs;
- 3、 NPC330LE 10pcs;
- 4、 NPC380 11pcs;
- 5、 NPC440 12pcs。



Improvements 2 - Full series

Full series machines has option of main saw servo lifting



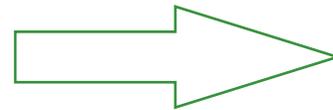
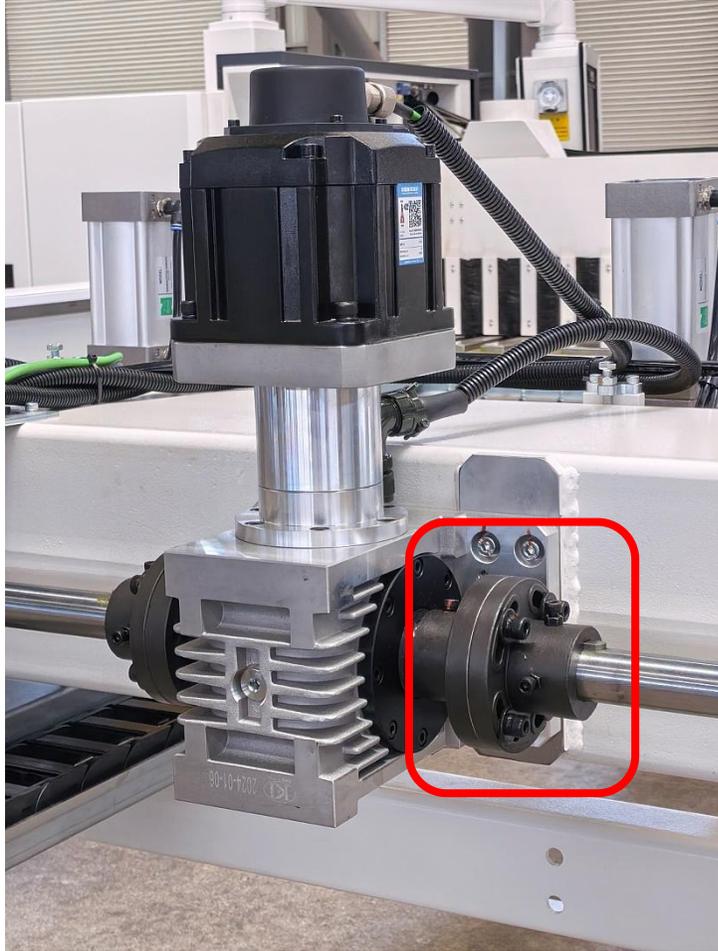
- 1、 Servo motor 0.75kw;
- 2、 Efficient and maintenance-free;
- 3、 Add dust blowing to the guide rails.





Improvements 3- Full series

Optimized Transmission Structure Across the Full Range machines



Eliminate the clearance in the flat key transmission





Improvements 4- NPL

NPL rear feeding saw changed to Four-column pit-free lift table



Advantages:

- Stable operation with minimal weight deviation
- Easy horizontal adjustment
- 680mm feeding height without pit
- 5t loading capacity

Improvements 5 - NPC



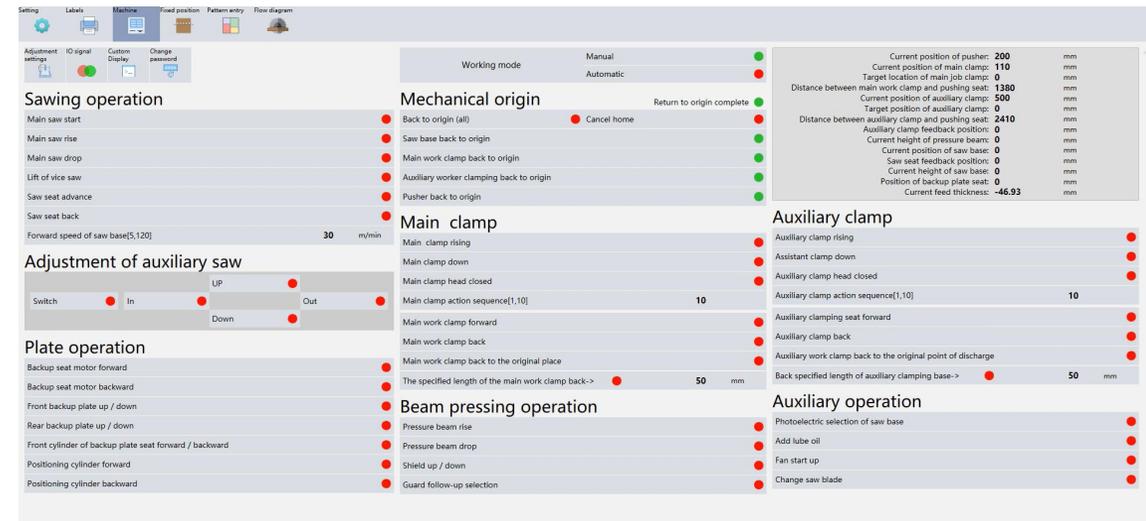
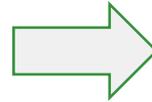
**Mini cutting width
30mm**

The first gripper adopts a double-finger structure.

Launched in Nov.



Planning - NX operation software



- Nanxing's self-developed operating software NXcut has been widely deployed in Export models: Front-loading and rear-loading and all dual-pusher NPL380D systems

Spec. Summary

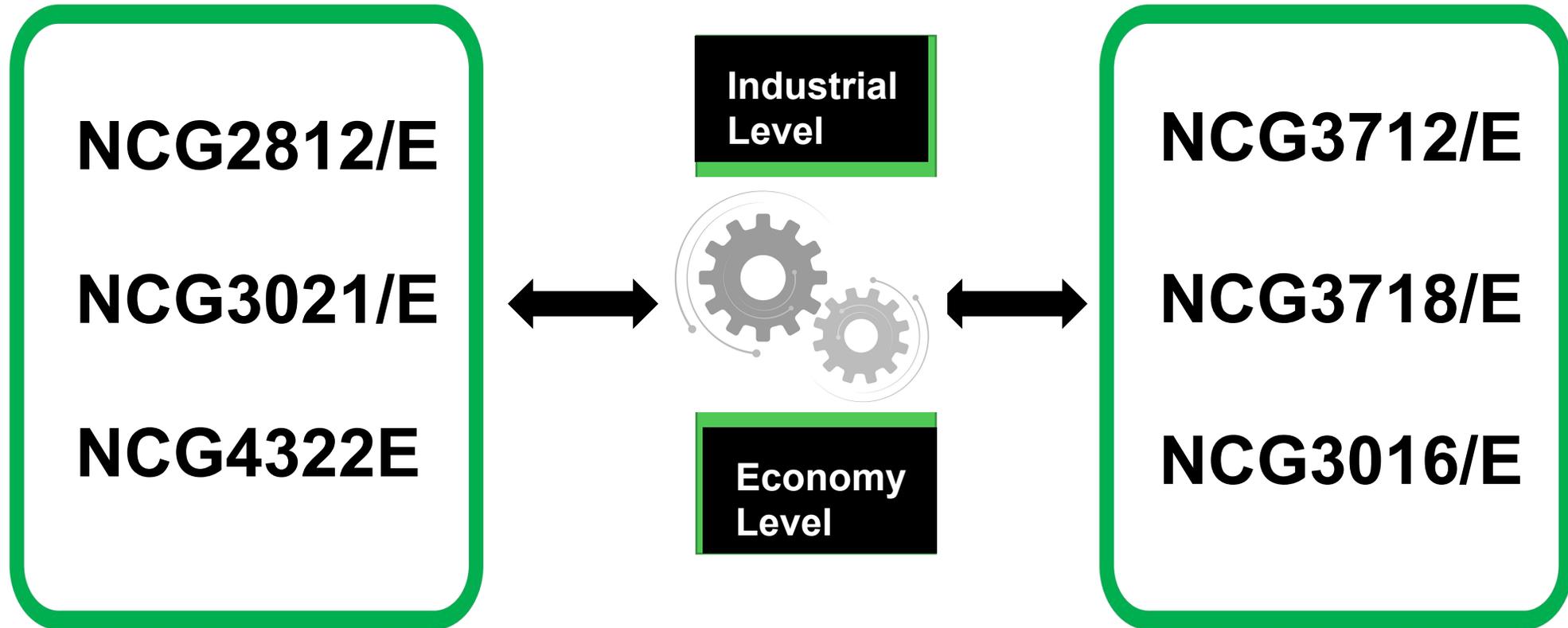
NO	Model	Type	Main Saw	Scoring Saw	Cutting Height	QTY of Clamps	Cutting Line Table	PLC	Lifting Table	Max.Feeding Height	Remark
1	NPC280	Front Feeding	15KW Option:18.5KW	2.2KW	90mm Option:120mm	9	Steel, non-airjet	DELTA	NA	NA	-
2	NPC330/S	Front Feeding	15KW Option:18.5KW	2.2KW	90mm Option:120mm	10	Steel, non-airjet	DELTA	NA	NA	-
3	NPC380	Front Feeding	15KW Option:18.5KW	2.2KW	90mm Option:120mm	11	Steel, non-airjet	DELTA	NA	NA	-
4	NPC440	Front Feeding	15KW Option:18.5KW	2.2KW	90mm Option:120mm	12	Steel, non-airjet	DELTA	NA	NA	-
5	NP638DR (Twin-pusher)	Front Feeding	15KW Option:18.5KW	2.2KW	90mm Option:120mm	2+10	Steel, non-airjet	INOVANCE	NA	NA	-
6	NP330HG	Front Feeding	18.5KW Option:22KW	2.2KW	120mm	12	Bakelite, airjet	SIEMENS	NA	NA	-
7	NPC330LE	Rear Feeding	15KW Option:18.5KW	2.2KW	90mm Option:120mm	10	Steel, non-airjet	SIEMENS	Hydraulic(4x8 feet)	1200mm with pit	only rear feeding possible
									Wire rope(7x9 feet)	580mm without pit	only rear feeding possible
8	NPL330HG	Rear Feeding	18.5KW Option:22KW	2.2KW	120mm	10	Bakelite, airjet	SIEMENS	Hydraulic(4x8 feet) with big lifting table (7x9 feet)	1200mm with pit	left/right/rear feeding can be choose in the order
									Wire rope(7x9 feet)	680mm without pit	left/right/rear feeding can be choose in the order
9	NPL380HG	Rear Feeding	18.5KW Option:22KW	2.2KW	120mm	10	Bakelite, airjet	SIEMENS	Hydraulic(4x8 feet) with big lifting table (7x9 feet)	1200mm with pit	left/right/rear feeding can be choose in the order
									Wire rope(7x9 feet) standard	680mm without pit	left/right/rear feeding can be choose in the order
10	NPL380D (Twin-pusher)	Rear Feeding	18.5KW Option:22KW	2.2KW	120mm	2+10	Bakelite, airjet	SIEMENS	Hydraulic(4x8 feet) with big lifting table (7x9 feet)	1200mm with pit	left/right/rear feeding can be choose in the order
									Wire rope(7x9 feet) standard	680mm without pit	left/right/rear feeding can be choose in the order
11	NPL440D (Twin-pusher)	Rear Feeding	18.5KW Option:22KW	2.2KW	120mm	2+11	Bakelite, airjet	SIEMENS	Wire rope(7x9 feet)	680mm without pit	left/right/rear feeding can be choose in the order
12	NZH3825D	Angular Saw	18.5KW Option:22KW	2.2KW	120mm	7	Bakelite, airjet	INOVANCE	Wire rope(7x9 feet)	1200mm with pit	Rip saw
			18.5KW Option:22KW	2.2KW	120mm	2+8	Bakelite, airjet	INOVANCE	NA	NA	Cross saw (Twin-pusher)

02

CNC Nesting Machine Definition

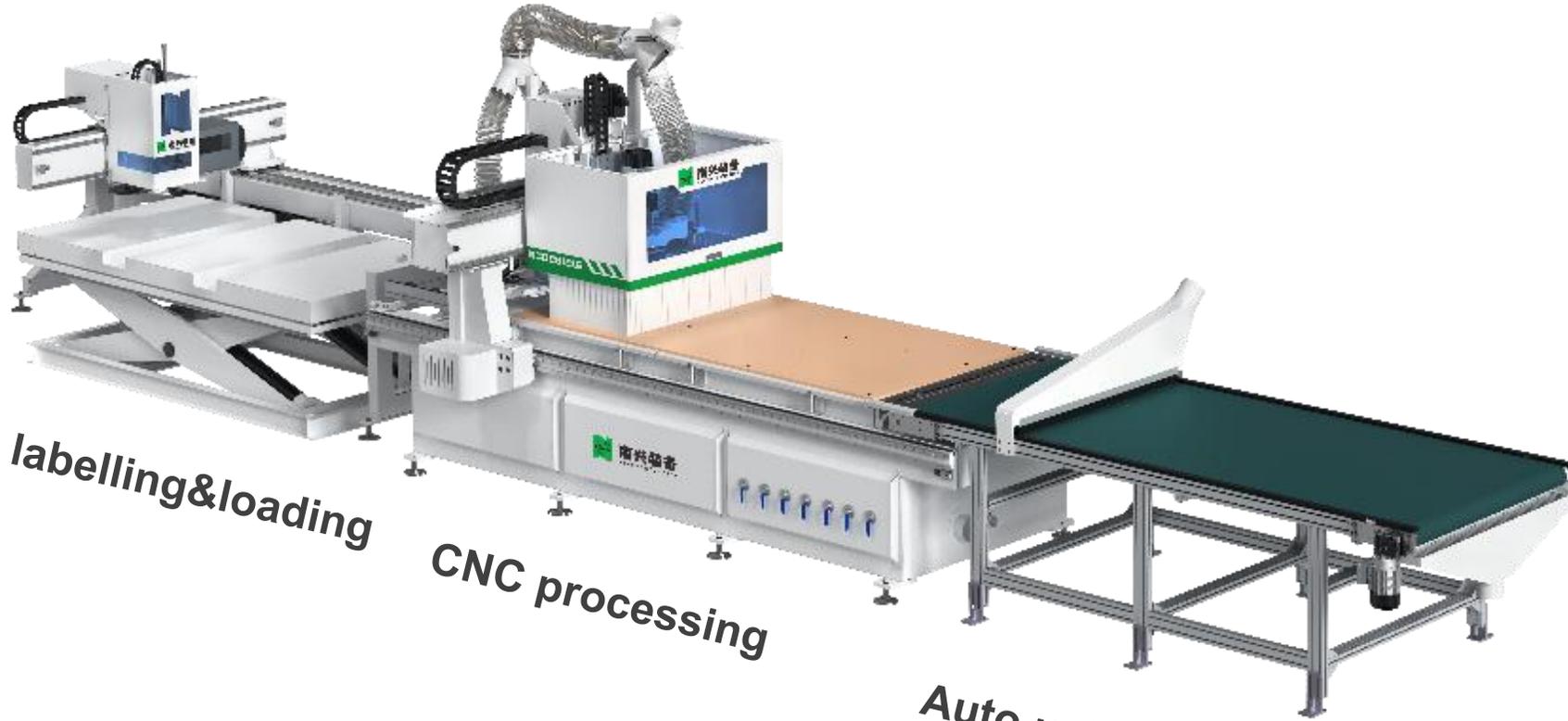


CNC Nesting Range





Industrial level- CNC Nesting Machine



Auto labelling&loading

CNC processing

Auto unloading



Industrial level- CNC Nesting Machine

Processing



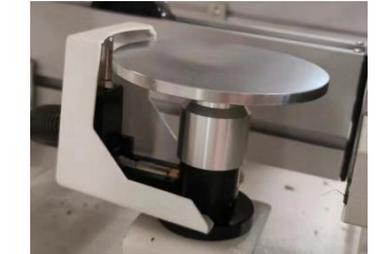
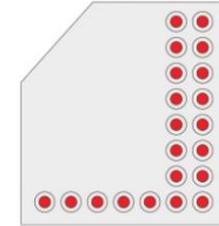
Hiteco 12kw main spindle HSK63F



12 slot ATC



Standard: 10 drills
Option: 21 drills
drilling block



Auto tool setting gauge



Movable labeller
Pre-positioner



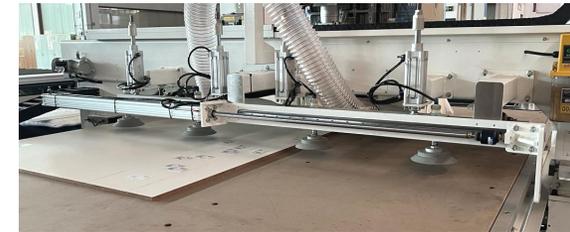
Sweeper&pushing



Double layer table
Auto vacuum zone

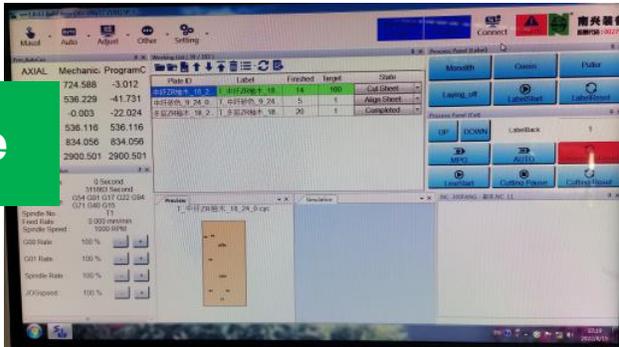


Vacuum pump

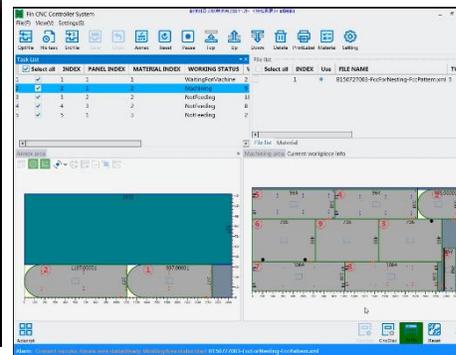


Aligner

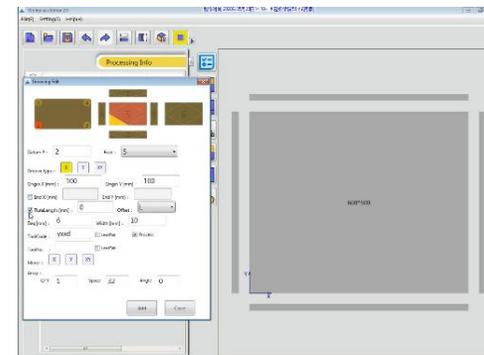
Software



Syntech controller



FCC/NACC Optimizing software



Workpiece editor



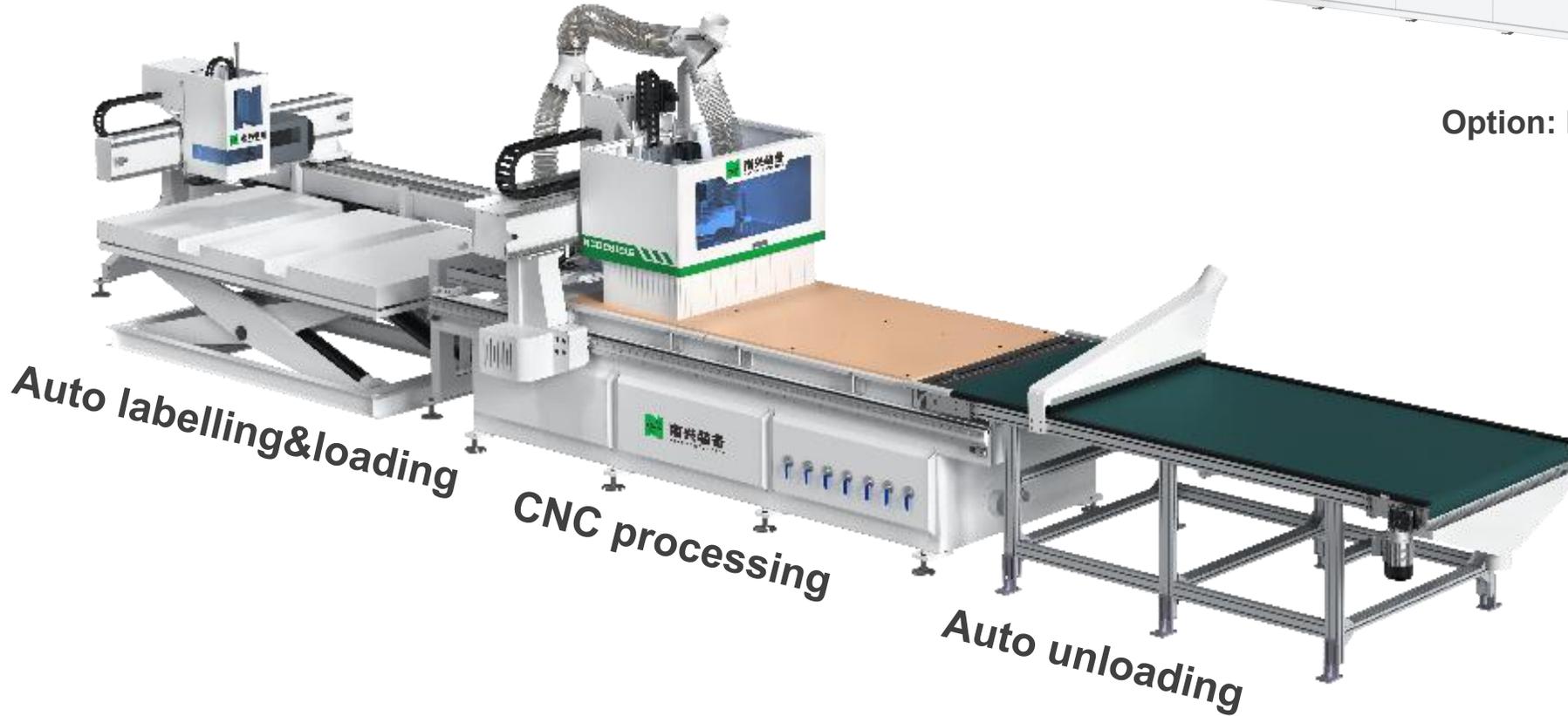
Light barrier&Fence



Entry level- CNC Nesting Machine



Option: Big cover





Entry level- CNC Nesting Machine



9kw spindle ISO30
Option:12 kw



12 slot Line tool changer



Auto tool measure



10 drills drilling block



Movable labeller
Pre-positioner



Sweeper&unloading



Double layer table



Vacuum pump



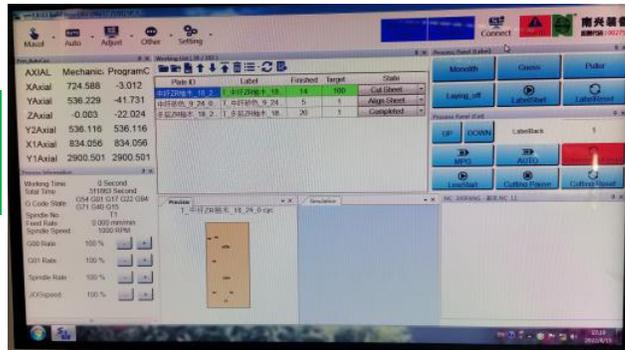
Aligner



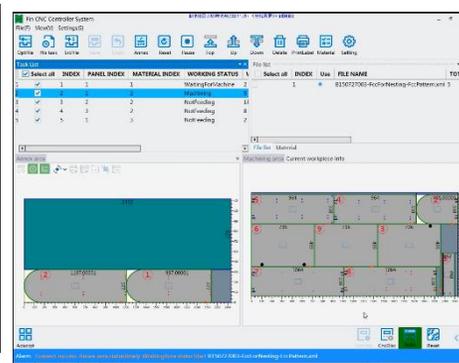
Positioning pins

Manual vacuum zone

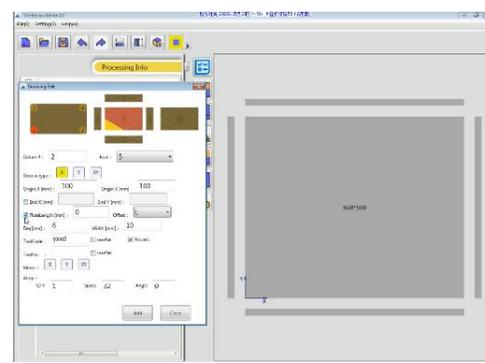
Software



Syntech controller



Option:FCC Optimizing software



Workpiece editor



Light barrier& safety fence



CNC Nesting Machine

	NCG2812L	NCG3021L	NCG2812LE	NCG3021LE
Table Size	2,800×1,220mm	3,100×2,100mm	2,800×1,220mm	3,100×2,100mm
Max. traveling speed	X/Y/Z: 100/100/20 m/min	X/Y/Z: 100/100/20 m/min	X/Y/Z: 80/80/20 m/min	X/Y/Z: 80/80/20 m/min
Main spindle	Hiteco 12kW HSK-63F	Hiteco 12kW HSK-63F	CC 9 kW ISO30 Option: 12kw	CC 9 kW ISO30 Option: 12kw
ATC	12 slots	12 slots	12 slots	12 slots
Drilling unit	Power: 2.2 kW 4000rpm	Power: 2.2 kW 4000rpm	Power: 2.2 kW 4000rpm	Power: 2.2 kW 4000rpm
	Vertical drills: 10 Option: 21	Vertical drills: 10 Option: 21	Vertical drills: 10	Vertical drills: 10
Vacuum pump	1*7.5 kW	2*7.5 kW	1*7.5 kW	2*7.5 kW
Total power	32 kW	47 kW	28 kW	45 kW
Dimension	L×W×H: 11,300×2,600×2,500 mm	L×W×H: 13,800×3,460×2,500	L×W×H: 11,430×2,600×2,500 mm	L×W×H: 12,500×3,200×2,600 mm
Net weight	4,800kg	6,000kg	4,300kg	6,000kg



Twin Gantry -PLUS



NCG3021L PLUS CNC NESTING WITH AL+UL

- ✓ Intergrate labeling, infeed, top drilling, grooving, shaping, sizing and outfeed
- ✓ 2 processing gantries double efficiency
- ✓ High-performance with exceptional value and return on investment.



Double Gantry Structures



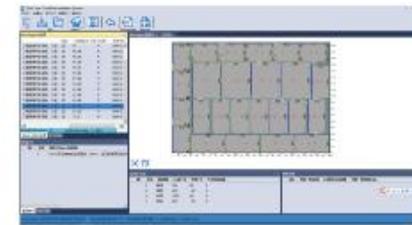
2 sets of 12-slot ATC



2 sets 21 Vertical Drills+
12kw HITECO Main Spindle



Low-Noise Oil Cooling
Vacuum Pump

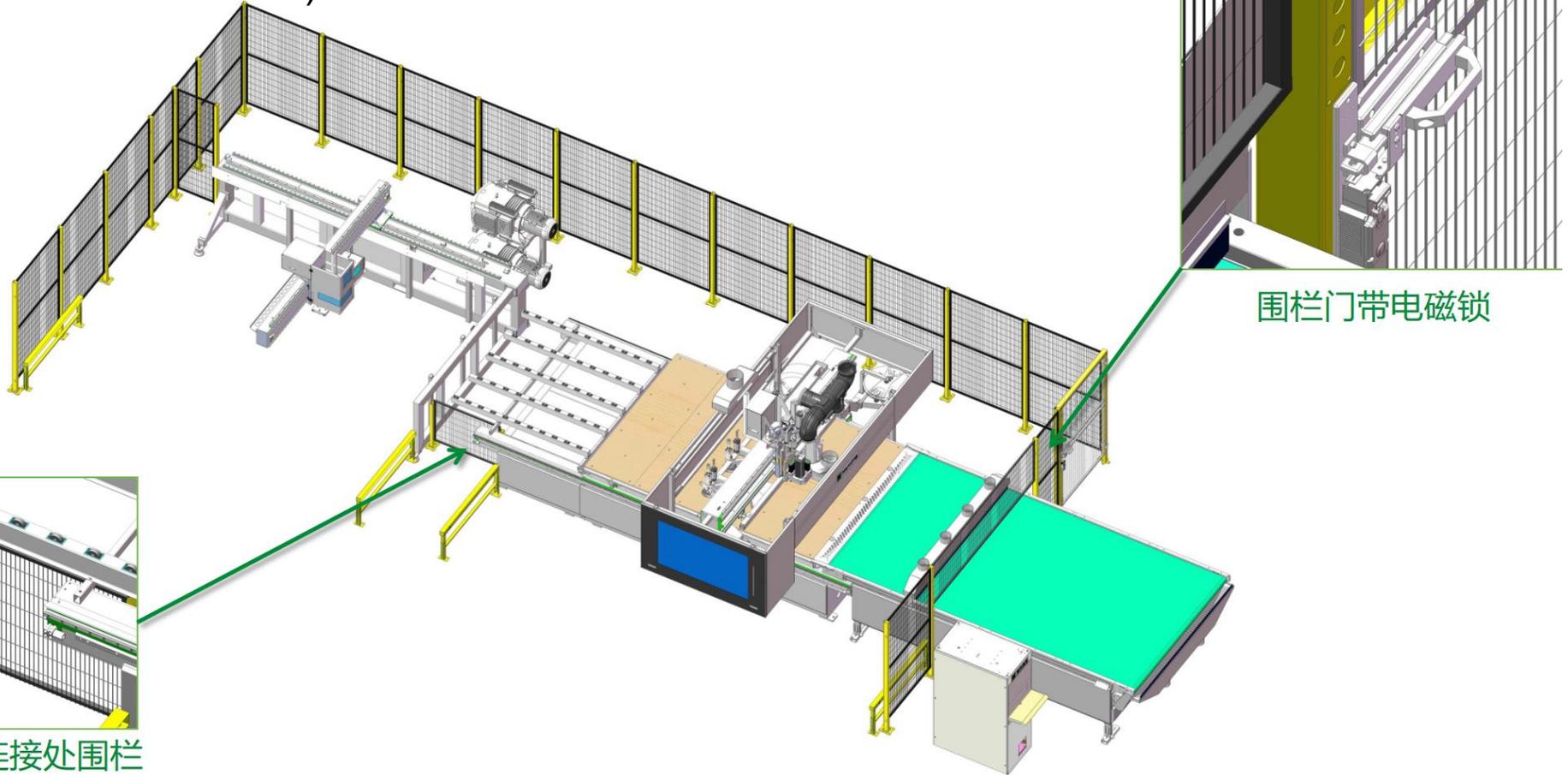


Advanced FCC
optimize algorithm



Layout

CE Layout
(CSA with the same standard)





03

Edge Banding Machine Definition



Edge Banding Family



Edge Banding

Intelligent Edge Bander with Servo

Edge Bander with v-belt

Edge Bander for Narrow Parts

Auto Edge Bander with rollers

Inclined/Softforming Edge Banding Machine

Double Side Edge Bander

Others: Laser/PUR



Intelligent Edge Bander with Servo

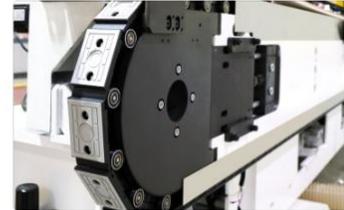
NB870M Servo Control

Intelligent Edge Banding Machine

OPTION: NB870H2M



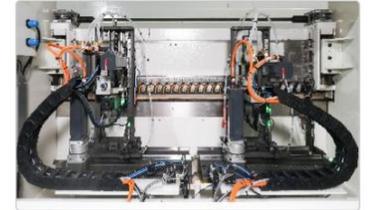
钢轨钢梁，履带压料
Heavy duty tank rolling chain



重型坦克链
Tank chain



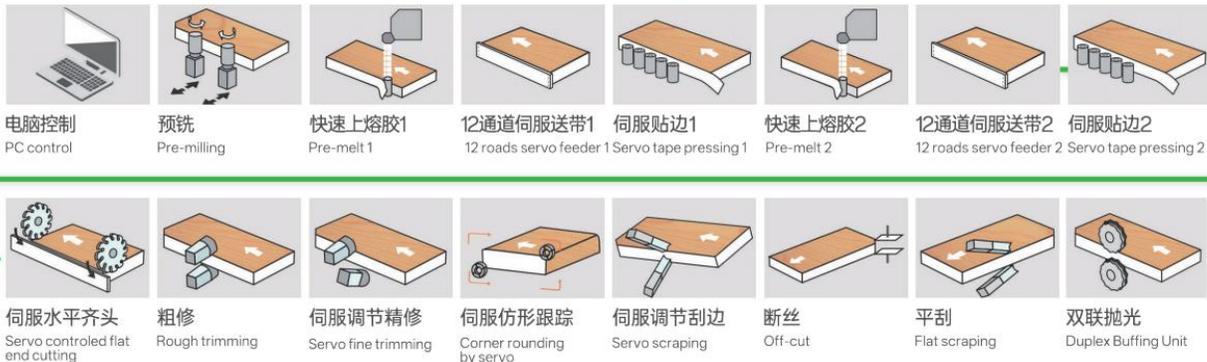
伺服水平齐头
Servo controlled flat end cutting



伺服仿形跟踪
Corner rounding by servo



SMART-SERVO CONTROL

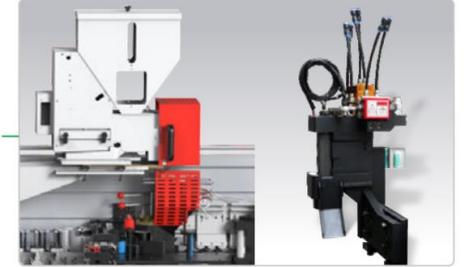


Model	NB870M
Min. Panel size	120×120mm; 200×80mm
Panel thickness	9-60mm
Feeding speed	25/32m/min(Corner rounding)/45m/min
Approx. weight	10000kg
Total power	61.5kw
Overall dimension	11500×900×1900mm



Intelligent Edge Bander with Servo

NB871D Servo Control Intelligent Edge Banding Machine



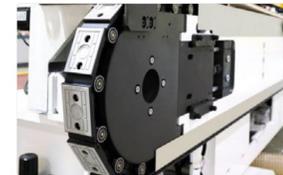
双色PUR免清洗胶锅/上熔胶
Two-color no-cleaning PUR glue pot/
Pre-melt

SMART-SERVO CONTROL

电脑控制 PC control	预铣 Pre-milling	双色PUR免清洗胶锅快速上熔胶 2-color PUR gluing Pre-melt	8通道伺服送带 8C Servo TF	贴边 Tape Pressing	伺服水平齐头 SV Flat End Cutting	
粗修 Rough trimming	伺服调节精修 Servo fine trimming	伺服仿形跟踪 Servo corner rounding	伺服调节刮边 Servo scraping	断丝 Off-cut	平刮 Flat scraping	双联抛光 2 sets buffing



钢轨钢梁，履带压料
Steel pressure beam, top presser by v-belt



重型坦克链
Tank chain



伺服水平齐头
Servo controlled flat end cutting



伺服仿形跟踪
Corner rounding by servo

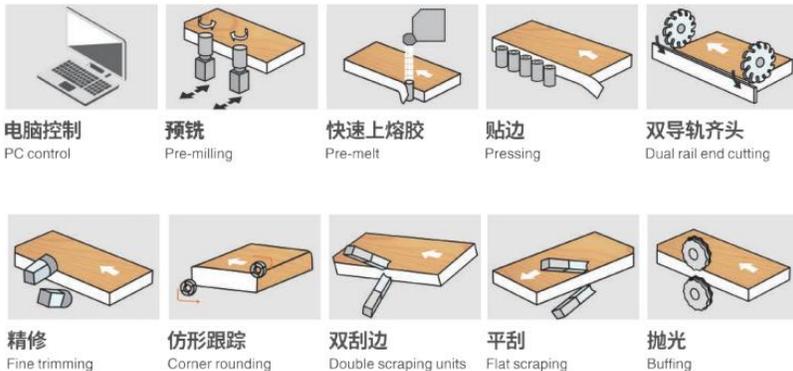


Edge Bander with Servo **NB860EC(NB536-PC)**



**Compact
Servo Machine**

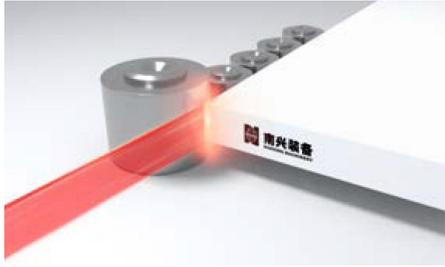
- End cutting with pneumatic angle tilt
- Fine trimming/Scraping with 4 servo motors 2 direction servo adjust
- Fine trimming& scraping Cutters with R2 & R1 radius for 3 radius servo switch
- Fine trimming & corner rounding with HSK25R tool connection & diamond cutter



Model	NB860EC
Min.Panel size	120×120;120×60;200×80mm
Panel thickness	9-60mm
Feeding speed	16/20/24m/min
Weight	3000kg
Total power	28kw
Overall dimension	5930×1450×1650mm



Edge Banding Machine with LaserTech+PUR (NB783D) **NEW**



- ✓ Steel top/bottom beam, v-belt, PC control;
- ✓ Laser+2-color PUR
- ✓ Servo infeed fence+servoend cutting+servo scraping, with waxing device
- ✓ 26m/min fast corner rounding;



工件长度 Workpiece length	工件宽度 Workpiece width	工件厚度 Workpiece thickness	封边厚度 Tape thickness	进料速度 Feeding speed	最小工件尺寸 Min. Workpiece size	总功率 Total power	净重 Net weight	设备尺寸 Overall Dimension
≥120mm	≥40mm	8-60mm	0.4-3mm (开激光0.8-3mm)	18/22/26m/min 22m/min(开激光)	300x40mm	39kw	4610kg	10100x1050x1850mm



Edge Banding Machine with V-Belt (NB7PCGM-PC)

- ✓ Steel top/bottom beam, v-belt, PC control;
- ✓ 2 gluing units to switch 2 color glue;
- ✓ 2 + 2 servo tape feeding for different edge tape, optional 4+4 channels;
- ✓ 26m/min fast corner rounding;



封边方向 →
Edge banding direction

可选：精修
Option:
Fine trimming





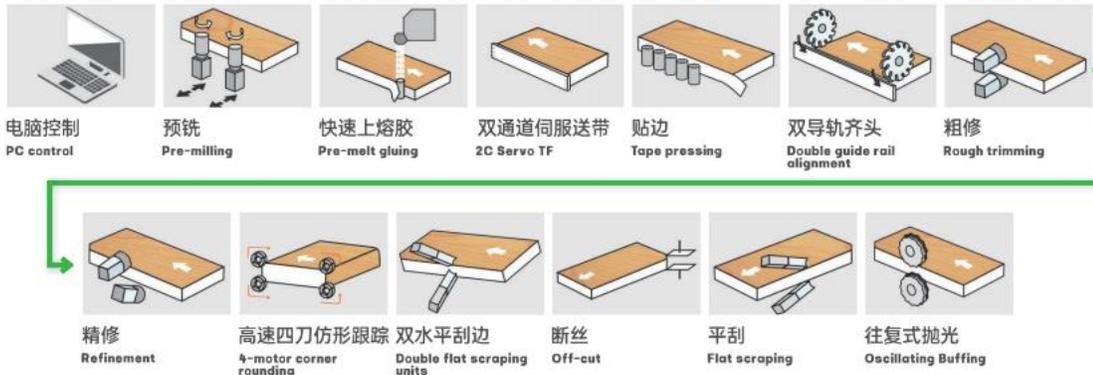
Edge Banding Machine with V-Belt (NB7PCG-PC)

NB770

Edge banding machine with V-belt

- ✓ Steel top/bottom beam,V-belt, PC control
- ✓ Optional 4 tape changing system
- ✓ 26m/min fast corner rounding

• Compatible with notched edges



Model	NB770
Min.Panel size	120×120mm; 200×60mm
Panel thickness	9-60mm
Feeding speed	18/22/26m/min
Weight	5310kg
Total power	28.5kw
Overall dimension	9650×1050×1850mm



Single Side Edge Banding Machine—V-belt

Type	OLD	NB9-Smart	NB7-Smart	NB7PCG-PC	NB577DP
	NEW	NB870M	NB871D	NB770	NB771EM
Processing Unit					
Feeding Speed	进料速度	25/32/45m/min	25/32/45m/min	18/22/26m/min	18/22/26m/min
Pressure Beam	上压梁	Steel	Steel	Steel	Steel
Height Adjustment	高度调节	Auto.	Auto.	Auto.	Auto.
Top Pressure	上压	V Belt	V Belt	V Belt	V Belt
Seperate Agent	分离剂	✓	✓	✓	✓
Pre-milling	预铣	✓	✓	✓	✓
Pre-heating1	预热1	✓	✓	✓	✓
Gluing Unit1	涂胶1	EVA	PUR DOUBLE COLOR	EVA	PUR DOUBLE COLOR
Pre-melter1	预熔1	✓	✓	✓	✓
Edge Feeding1	边带通道1	12 coil		2 coil	1 coil
Pressing1	压轮组1	servo		1+6	1+4
Pre-heating2	预热2	✓			✓
Gluing Unit2	涂胶	✓	✓		✓
Pre-melter	预熔2	✓	✓		✓
Edge Feeding	边带通道2	12 coil	8 Coil		1 coil
Pressing	压轮组2	servo	1+4		1+4
End Cutting Unit	齐头	servo	servo	2 rails	2 rails
Rough Trimmig	粗修	✓	✓	✓	✓
Fine Trimming	精修	servo	servo	✓ (option for 2xfine trimming auto.moveout)	✓ (option for 2xfine trimming auto.moveout)
Corner Rounding	跟踪	servo	servo	4 motors	4 motors
Profile Scraper	圆弧刮刀	servo	servo	2 scraper auto.moveout	2 scraper auto.moveout
Chip Breaking Device	断丝	✓	✓	✓	✓
Flat Scraper	胶线刮刀	✓	✓	✓	flex.
Buffing Unit	抛光	double	double	Oscillating	double
Cleaning Agent	清洁剂	✓	✓	✓	✓
Control	控制	PC	PC	PC	PC
		Rolling Chain!			

* Function compare for your reference. Does not mean they use the same unit(parts) for each function.

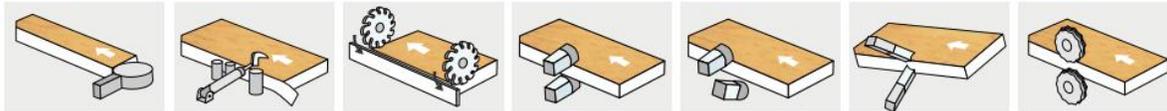


Edge Banding Machine for Narrow Parts **NB650N**



封边方向 →

Edge banding direction



窄板辅助装置

Narrow parts auxiliary feeder

熔胶

Glue pot

前后齐头

End cutting

粗修

Rough trimming

精修

Fine trimming

刮边

Scraping

抛光

Buffing



18mm width board's long edge



Edge Banding Machine for Narrow Parts (NB7CJN)

NB670N

窄板自动封边机

Edge banding machine for narrow parts

Hot selling



封边方向 →

Edge banding direction



Option:
Pre-melt gluing/PUR

NB670N	≥120mm (开跟踪≥200mm) (Corner trim ON)	≥40mm	120×120mm (四边) (4 side) 200×40mm (长边/短边) (Long/Short)	9-60mm (端头开跟踪≤25mm) (Short end with corner rounding)	0.4-3mm	16/20/24m/min 20m/min (开跟踪) (Corner trim ON)	23kw	2800kg	7700×1050×1650mm
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Edge Banding Machine for Narrow Parts (NB7CJMN)

NB671EMN

窄板自动封边机

Edge banding machine with double units for narrow parts

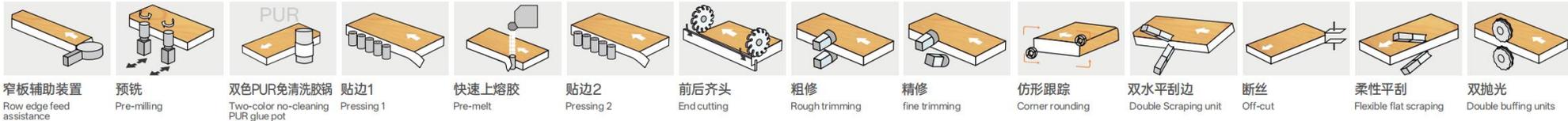
- 最小封边宽度40mm
- Min. workpiece width 40mm

Hot selling



封边方向 →
Edge banding direction

可选：精修
Option:
Fine trimming





Edge Banding Machine for Narrow Parts **NB671DNC**

NEW

型号：NB671DNC 高定严选窄板封边机
Premium edge banding machine for narrow parts



- ✓ Heavy duty Narrow parts machine with steel beam on top&bottom
- ✓ PC control
- ✓ Double glue pot - Two-color no-clean PUR glue pot + Pre-melt or laser (optional)
- ✓ Servo end cutting(1mm extra function for 3&4 edges), rough trimming, fine trimming, fast corner rounding of 26m/min, 2 sets scraping, 2 buffing
- ✓ Option (2-4 servo tape feeding system)

总功率	Total power	34.5kw
工件长度	Workpiece length	≥120mm
工件宽度	Workpiece width	≥35mm
工件厚度	Workpiece thickness	7.5-60mm
封带厚度	Tape thickness	0.4-3mm
进给速度	Feeding speed	18/22/26m/min
最小工件尺寸	Min. Workpiece size	300×35mm
重量	Weight	5130kg
设备尺寸	Overall dimension	10000×1050×1930mm

35 mm

最窄封边宽度

Min. width

7.5 mm

最薄封边厚度

Min. thickness

26 m/min

封边速度

Speed



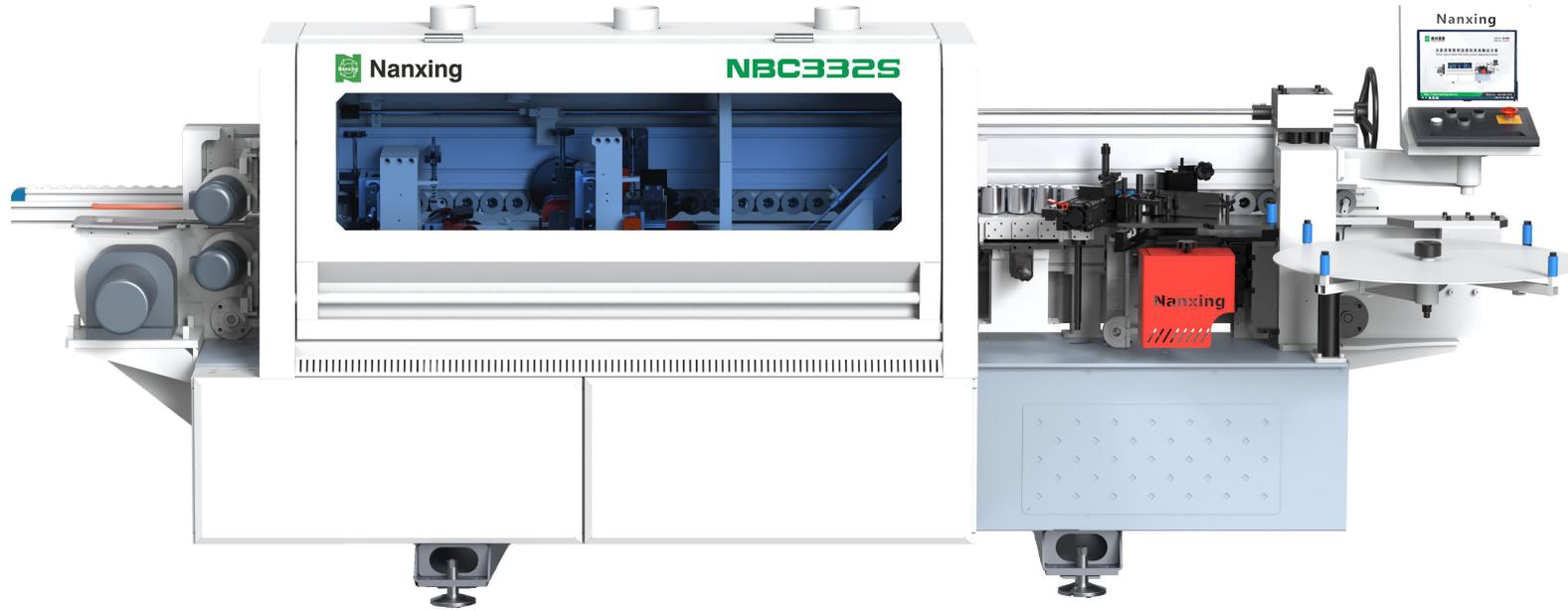


Single Side Edge Banding Machine—Roller+Narrow

Processing Unit	Type	OLD	NB7CJN	NB7CJMN
		NEW	NB670N	NB671EMN
Min workpiece width	最小工件宽度		40mm	40mm
Feeding Speed	进料速度		16/20/24 m/min	16/20/24 m/min
Pressure Beam	上压梁		Alum.	Alum.
Height Adjustment	高度调节		Auto.	Auto.
Top Pressure	上压		Roller	Roller
Seperate Agent	分离剂		option	✓
Pre-milling	预铣		✓	✓
Pre-heating1	预热1		✓	✓
Gluing Unit1	涂胶1		Bottom	PUR Double Color
Pre-melter1	预熔1		option	20KG*2 PUR glue machine
Edge Feeding1	边带通道1		1 coil	1 coil
Pressing1	压轮组1		1+4	1+4
Pre-heating2	预热2			✓
Gluing Unit2	涂胶2			UPPER
Pre-melter2	预熔2			✓
Edge Feeding2	边带通道2			1 coil
Pressing2	压轮组2			1+4
End Cutting Unit	齐头		✓	✓
Rough Trimmig	粗修		✓	✓
Fine Trimming	精修		✓	✓(Option:1+1 auto.moveout-need)
Corner Rounding	跟踪		2 motor	2 motor
Profile Scraper	圆弧刮刀		✓	✓1+1 auto.moveout
Flat Scraper	胶线刮刀		option	✓
Buffing Unit	抛光		✓	✓1+1
Cleaning Agent	清洁剂分离剂		option	✓
Control	控制		touch screen	touch screen



Entry Level- Edge Bander



Edge banding direction



glue pot

end trimming

fine trimming

scraping

buffing

NBC332S 3950*1100*1600	NBC332S 3950*1100*1600	NBC332S 3950*1100*1600
NBC332S 3950*1100*1600	NBC332S 3950*1100*1600	NBC332S 3950*1100*1600



Entry Level-Edge Banding Machine for Bevel Edge

NB360E (NB5XE)



Panel length: ≥250mm

Panel width: 250mm

Minpanel size 250×250mm

Panel thickness: 12-25mm

Edge tape thickness: 0.6-2mm

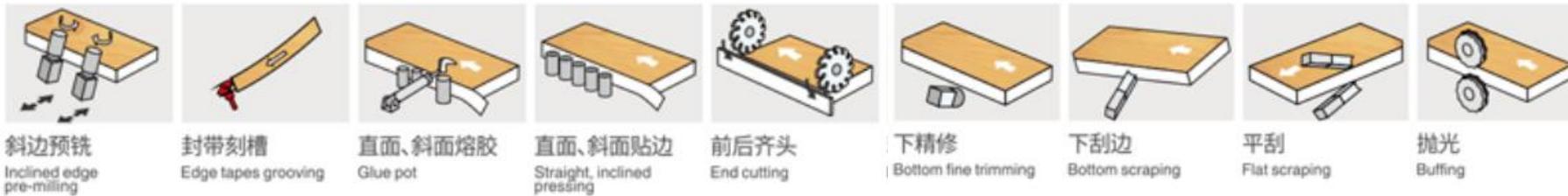
Feeding speed: 12/14m/min

Dust collector φ125mm×3

Total power: 19kw

Overall dimension: 5670×1050×1550mm

Net weight: 1950kg



斜边预铣
Inclined edge pre-milling

封带刻槽
Edge tapes grooving

直面、斜面熔胶
Glue pot

直面、斜面贴边
Straight, inclined pressing

前后齐头
End cutting

下精修
Bottom fine trimming

下刮边
Bottom scraping

平刮
Flat scraping

抛光
Buffing



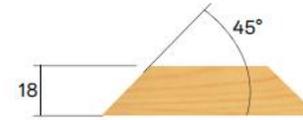
Edge Banding Machine for Bevel Edge

NB360

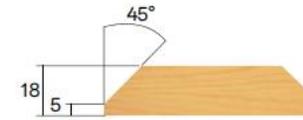
斜边自动封边机

Edge banding machine for inclined edge

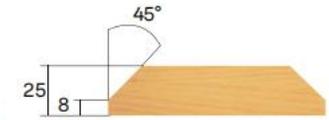
可选Option : NB361



18mm厚度, 全斜45度加工
18mm thickness, 45°bevel full inclined processing.



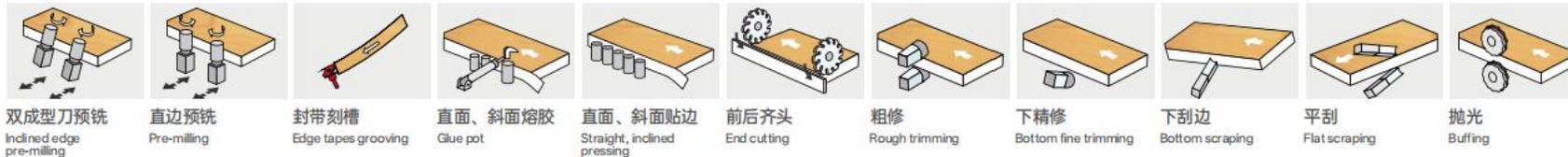
18mm厚度, 斜直45度加工
18mm thickness, 45°bevel inclined straight processing.



25mm厚度, 斜直45度加工
25mm thickness, 45°bevel inclined straight processing.

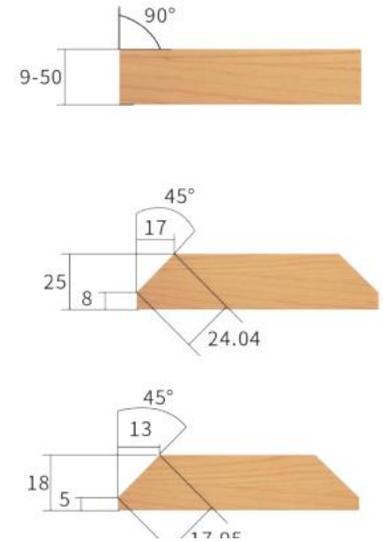


封边方向 →
Edge banding direction





Edge Banding Machine for Bevel Edge NB370 (NB7X)



封边方向 →
Edge banding direction

- 斜边预铣
Bevel milling
- 直边预铣
Straight pre-milling
- 直边涂胶
Glue pot for full straight edge
- 直边贴边
Straight edge edge pressing
- 直面、斜面熔胶
Bevel edge glue pots
- 直面、斜面贴边
Bevel edge tape press
- 封带刻槽
Edge tape grooving
- 前后齐头
End cutting
- 粗修
Rough trimming
- 精修
Refinement
- 仿形跟踪
Corner rounding
- 刮边
Scraping
- 平刮
Flat scraping
- 抛光
Buffing

型号 Model	最小工件尺寸 Min. Workpiece size	工件厚度 Workpiece thickness	封带厚度 Edge tape thickness	进给速度 Feeding speed	总功率 Total power	净重 Net weight	设备尺寸 Overall dimension
NB370	150×120mm	9-50mm (直边) (Straight edge) 15-25mm (斜边) (Bevel edge)	0.6-2mm	14m/min 24m/min (封直边) (straight edge)	42kw	3900kg	9800×1050×1650mm



Soft forming Banding Machine **NB380 (NB875A)**



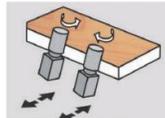
J型
J profile



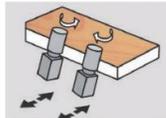
C型
C profile



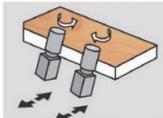
OPTION
PUR version
Bevel edge



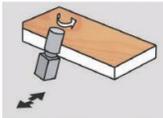
Pre-milling



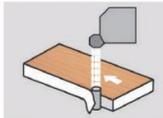
Molding milling 1



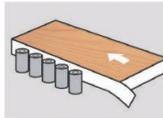
Molding milling 2



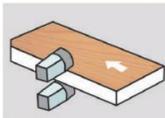
Chamfer milling



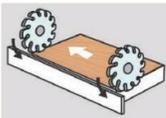
Pre-melt



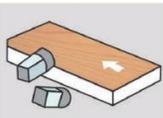
Molding and pressing



Rough trimming



End cutting



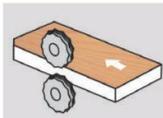
Fine trimming



Scraping



Flat scraping

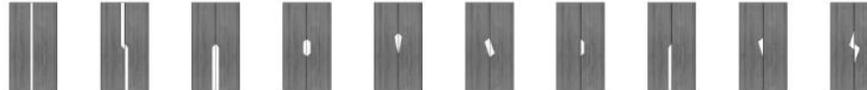


Buffing

Model	NB380
Min. Panel size	300×150mm
Panel thickness	18mm(Straight side);18-25mm(Soft forming)
Feeding speed	8m/min
Weight	6000kg
Total power	68kw
Overall dimension	11015×1000×1940mm



Door Panel Profiles Diagram





Machine cross comparision_with radius changing

Processing Unit	Type	OLD	NB7-Smart	NB7PCG-PC	NB536-PC
		NEW	NB871D	NB770	NB860EC
Feeding Speed	进料速度		25/32/45m/min	18/22/26m/min	16/20/24 m/min
Pressure Beam	上压梁		Steel	Steel	Aluminum
Height Adjustment	高度调节		Auto.	Auto.	Auto.
Top Pressure	上压		V Belt	V Belt	Roller
Infeed Fence	进料靠档		Standard	Standard	Servo.Adjust
Pre-milling	预铣		✓	✓	✓
Pre-heating	预铣		✓	✓	✓
Double Color PUR	PUR?		✓	option to replace the standard EVA	✗
Gluing Unit	涂胶		✓	✓	✓
Pre-melter	预熔		✓	✓	✓
Edge Feeding	送带		8 Coil	2 coil	1 Coil
Pressing	压轮组		1+4	1+6	1+3 servo moving
End Cutting Unit	齐头		servo	2 rails	standard
Rough Trimmig	粗修		✓	✓(option for 2xfine trimming auto.moveout)	✗
Fine Trimming	精修		servo	✓	servo
Corner Rounding	跟踪		servo	4 motors	pneumatic
Profile Scraper	圆弧刮刀		servo	2 scraper auto.moveout	servo
Flat Scraper	胶线刮刀		✓	Flex.scraper(Duo-blade)	✓
Buffing Unit	抛光		double	standard	standard
Seperate Agent&Cleaning Agent	清洁剂/分离剂		✓	✓	✓
Control	控制		PC	PC	PC

★ Function compare for your reference. Does not mean they use the same unit(parts) for each function.



Double Side Edge Banding Machine



		Line Confi.1 joint-trimming, wo. Squareness guarantee		Line Confi.2 Hogging, Squareness guarantee		Line Confi.3 Hogging, Squareness guarantee, super high speed	
Type	OLD	NB7HS2P	NB7CS2IIP	NB7HS2PT	NB8CS2IIP	NB525	NB857-PC
	NEW	NB970HL	NB970L	NB970HLS	NB970LS	NBG960HS	NB960HL
Processing Unit							
Stop Cam	勾头	✗	✓	✗	✓	✗	✓
Seperate Agent Spraying Unit	分离剂	✓	✓	✓	✓	✓	✓
Hogging Unit	粉碎刀			✓	✓	✓	✗
Pre-milling Unit1	预铣	✓	✓	✓	✓	✓	✓
Pre-milling Unit2	预铣2						✓
Pre-heating1	预热	✓	✓	✓	✓	✓	✓
Gluing Unit1	涂胶	Upper	Upper	Upper	Upper	Upper	Upper
Pre-melter1	预熔	✓	✓	✓	✓	✓	✓
Edge Feeding1	送带	servo	servo	servo	servo	servo	servo
Edge Coils1	边带通道	2	2	4 (option2)	4 (option2)	2	2
Pressure Zone1	压轮组	1+4	1+4	1+4	1+4	1+4	1+4
End Cutting Unit	齐头	2 rails	2 rails	2 rails	2 rails	✗	✗
Rough Trimmig	粗修	✓	✓	✓	✓	highspeed	✗
Fine Trimming	精修	✓	✓	✓	✓	highspeed	✓
Corner Rounding	跟踪	✗	4 motors	✗	4 motors	✗	servo
Profile Scraping Unit	刮边	✓	✓	✗	✓	highspeed	highspeed
Chip breaking device	断丝	✗	✓	✗	✓	✓	✓
Glue Joint Scraper	平刮	✓	✓	✓	✓	✓	✓
Cleaning Agent Spraying Unit	清洁剂	✓	✓	✓	✓	✓	✓
Buffing Unit	抛光	Oscillating	Oscillating	Oscillating	Oscillating	✓	Oscillating
Grooving Unit	开槽	fixed side, bottom	✗	fixed side, bottom	✗	fixed side moving side(option)	Bottom Horizontal



CNC 6-Sided Drilling Machine Definition

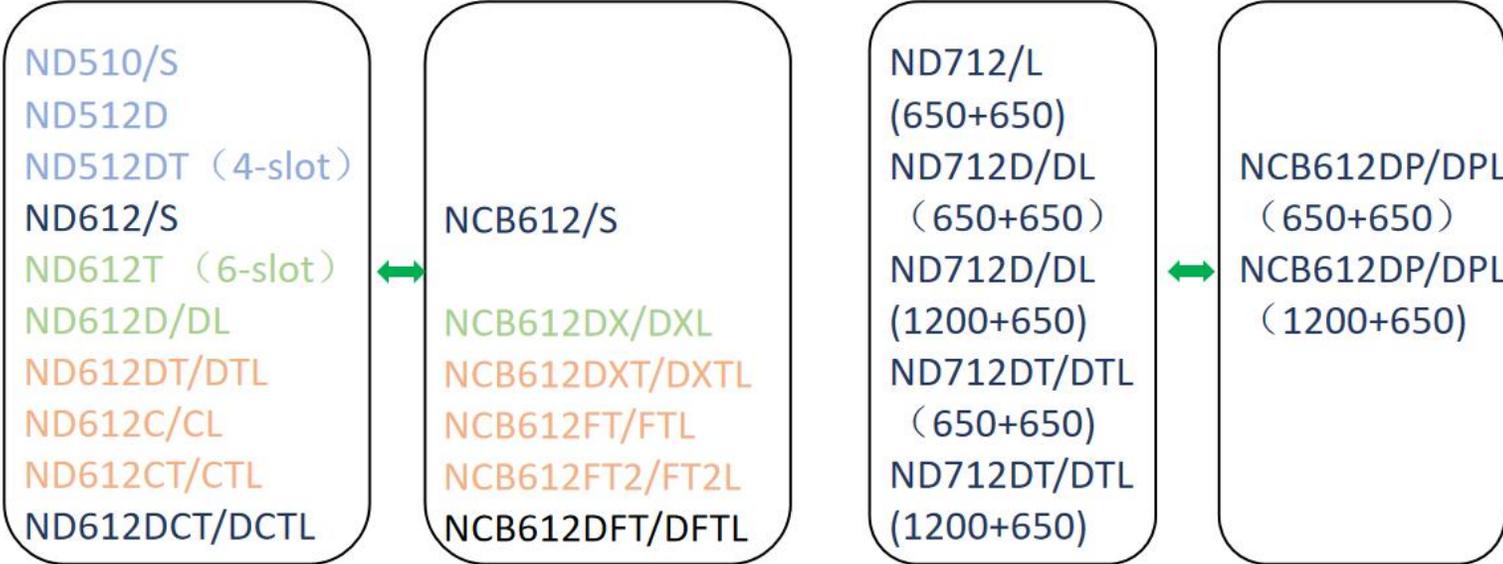


CNC 6-Sided Drilling Machine

Model Rename Regulation for ND Series 6-side Drilling Machine:

ND 6 12 R D L
 ① ② ③ ④ ⑤ ⑥

- ① Product Range: ND 6-side drilling machine
- ② Serie Code: 5-Single working table,Entry Level
6-Single working table,Industry Level
7-Double working table,Industry Level
- ③ 12-The first two digits of the maximum width of the workpiece; for example, 12 means 1200mm
- ④ R-feed direction: right; leftward machines omitted.
- ⑤ D-Special function/configuration designation
D-Double double drilling block
T-Automatic tool change A.T.C
C-C_axis
M-For Door (Front) production
- ⑥ L-line: Production Cell





CNC 6-Sided Drilling Machine

CNC Drilling

ND510/ ND510S/ ND512TS (entry level)

ND6xx (Industry Level)

ND612D (2 drilling blocks on top)

ND612DT (2 drilling blocks on top+ATC 6)

ND612CT/DCT (with C axis + Aggregate + ATC 8)

ND7xx (double working table)

ND----L (through feed)

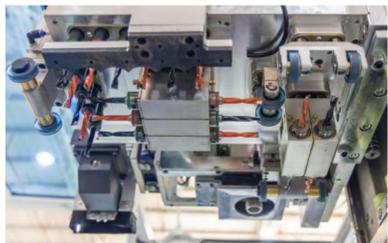
ND712DL/ ND712DTL (2 workstation 8+8 slot ATC)



CNC Drilling

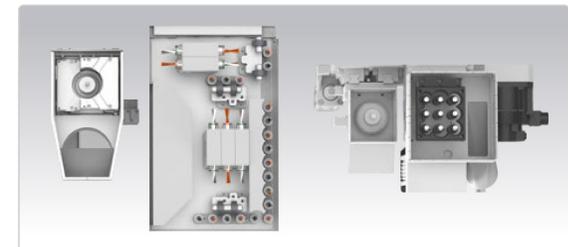
ND510S **SAW**

CNC 6-Sided drilling machine



ND612S **SAW**

CNC 6-Sided drilling machine

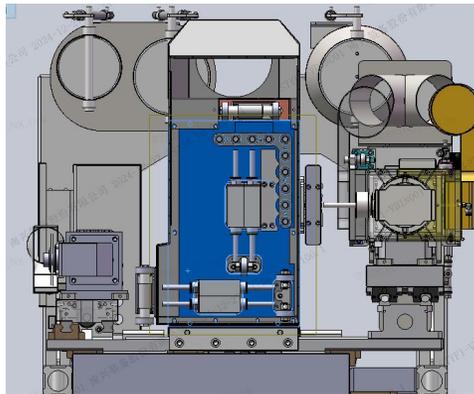


上下加工单元示意图
Schematic diagram of top and bottom processing unit



CNC Drilling

ND512TS



ND612DT

CNC 6-Sided drilling machine



6位自动换刀刀库
6-slot automatic tool changer

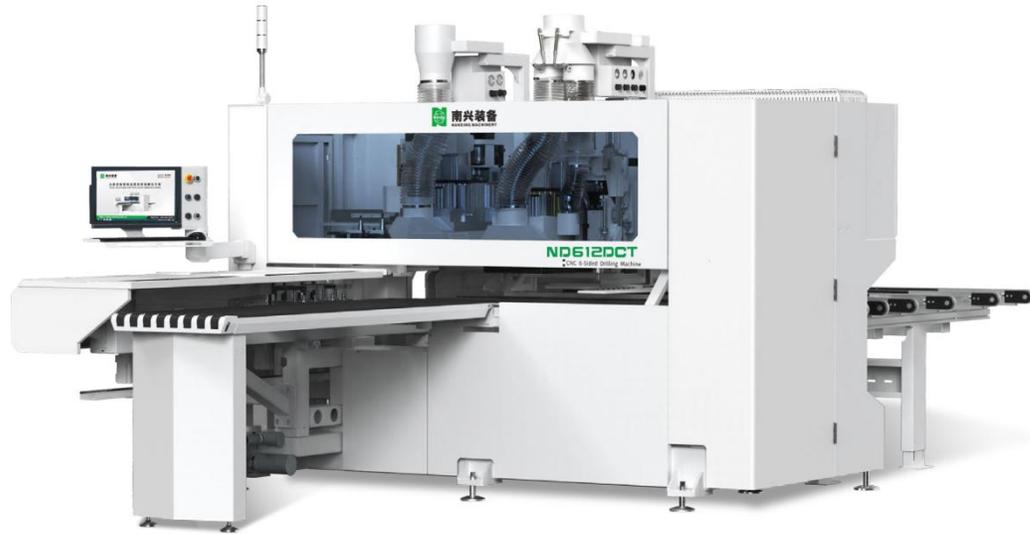


CNC Drilling

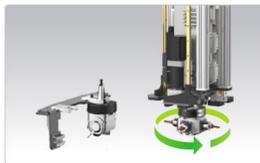
ND612DCT **C-Axis**

CNC 6-Sided drilling machine

NEW



上下加工单元示意图
Top & bottom processing units



可调角度头/十字旋转角度头
+双刀位刀库+C轴主轴
Adjustable/Crosshead aggregate +
2 slot tool changer + C axis spindle

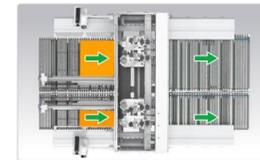


自动换刀主轴+8位自动换刀刀库
Automatic tool changing spindle
+ 8-slot automatic tool changer

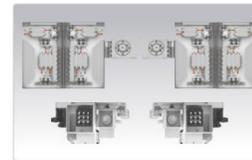
ND712DTL

CNC 6-Sided drilling machine

ND712DTL
1200+650
650+650



工件进料方式
Operation mode of the workpiece
infeed and outfeed



ND712DL上下加工单元示意图
ND712DL Schematic diagram of top and bottom
processing unit



ND712L上下加工单元示意图
ND712L Schematic diagram of top and bottom
processing unit

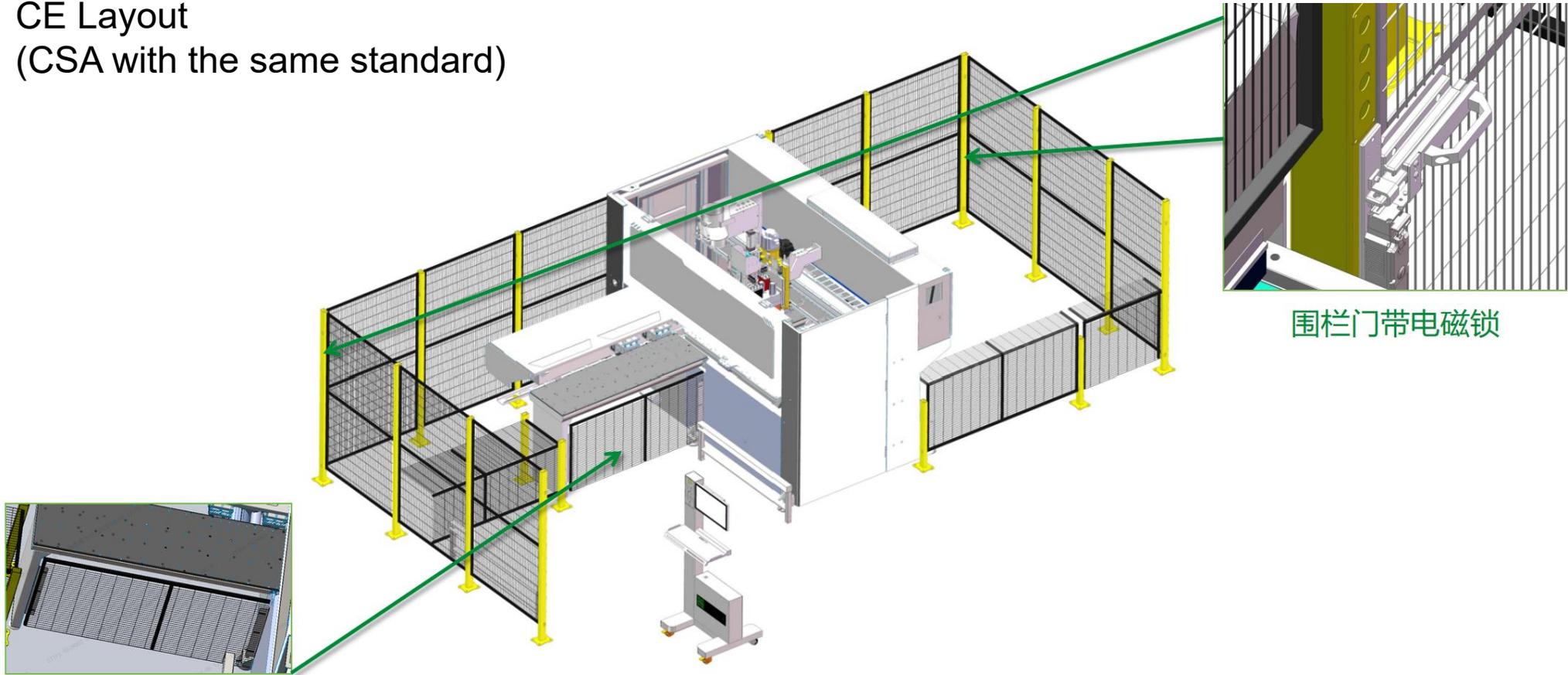


8x2自动换刀刀库
8x2 automatic tool changer



CNC Drilling

CE Layout
(CSA with the same standard)



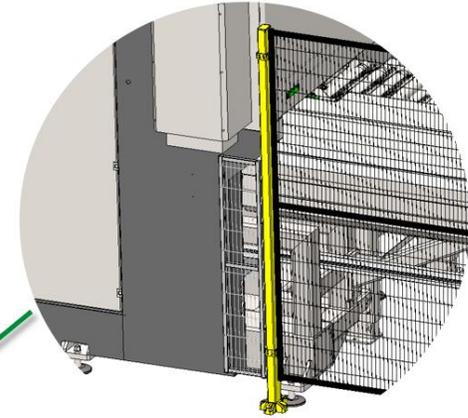
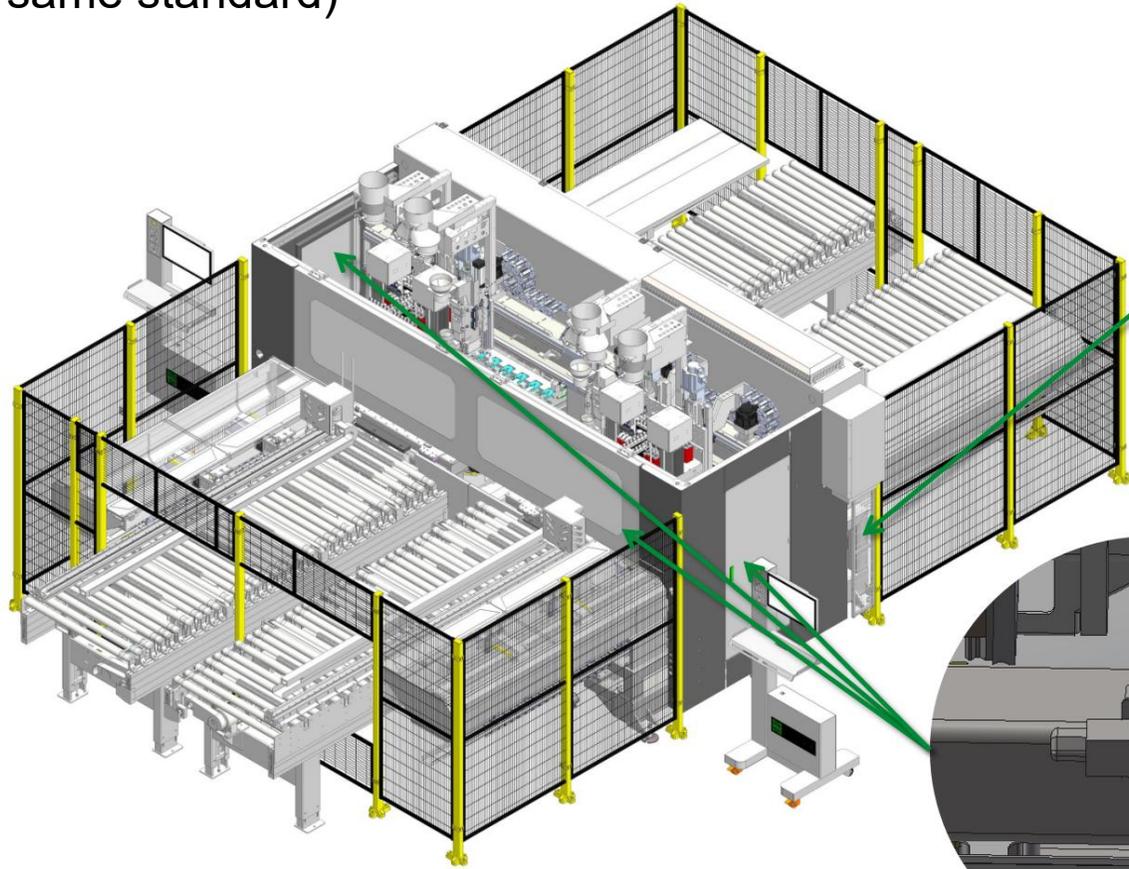
围栏门带电磁锁

气浮台到主机连接处围栏

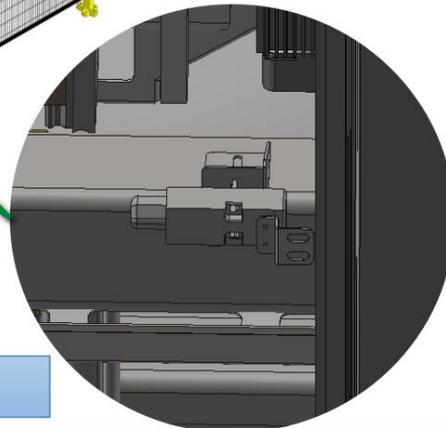


CNC Drilling

CE Layout
(CSA with the same standard)



电箱两侧下方增加围栏，防止人进入。



前门和两个侧门都增加电磁锁安全开关，防止人进入。



04

Packing Series



Packing- Carton Cutting

定制裁切 6-8 件/min

批量裁切 8-13 件/min



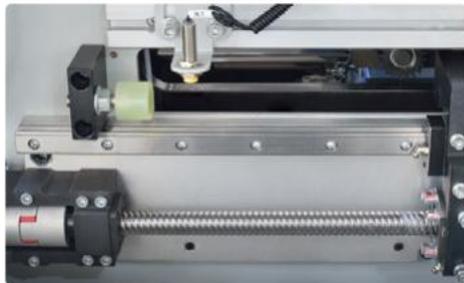
NKP25H

裁纸机

Cardboard-box cutting machine

可选Option : NKP25F、NKP25G、NKP28H

- Using special cutting tools imported from Japan
- Independent servo control for all tools
- Special cut-resistant roller
- CNC system, all cartons can be customized
- Adaption to all kinds of cardboard cutting



绝对同步，高速响应

Absolute synchronization, high-speed response



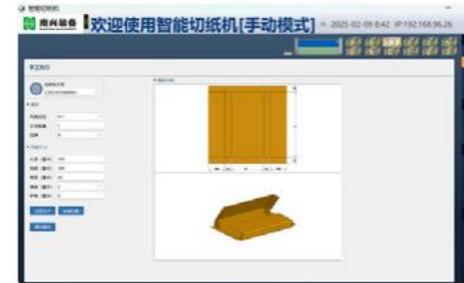
独特的防卡纸调库系统

Unique anti-jam paper transfer system



高强度耐用的压轮结构

High-strength and durable pressure wheel structure



自定义纸箱

Customized packaging

NKP25H

≥100mm

180-2400mm

18-2400mm

三相五线制380V50Hz

0.6MPa

15.7kw

4kw

≈3T

6-12

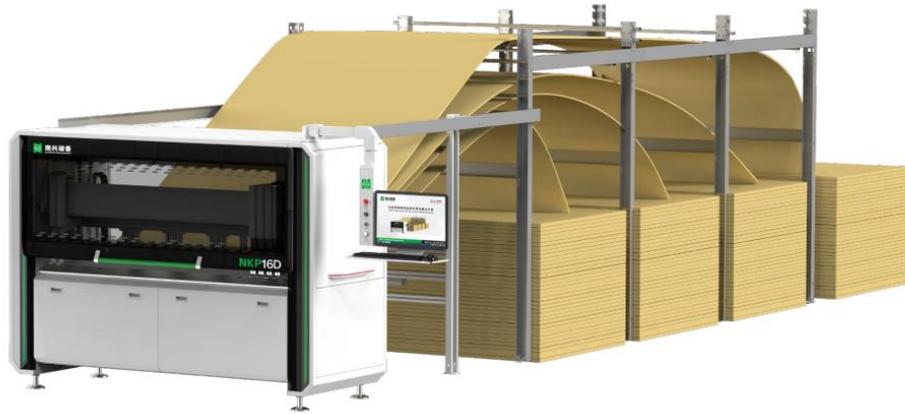


Packing- Carton Cutting

NKP16D

Cardboard-box cutting machine

OPTION: NKP25F NKP25G NKP28H



- ✓ Meets the demands of high-intensity 24-hour all-weather conditions with high load, high efficiency, and high stability in production.
- ✓ Cutting tools are highly wear-resistant (cutting tools - special Japanese imported knife for corrugated cardboard).
- ✓ The entire machine is equipped with 3 sets of controls, using unique control algorithms to achieve customized production at 3-5 pieces per minute, and mass production at 5-8 pieces per minute.

Model	NKP16D
Workpiece length	≥ 100mm
Workpiece width	120-1500mm
Workpiece height	18-1600mm
Carton storage QTY	4
Service power	5kw
Overall dimension	9000×2330×2350mm



Packing- Box Closing

NKB2812

Cardboard-box closing machine

OPTION: NKB2812R



4-8 pcs/min



伺服全自动适应
Servo automatic



滚筒不粘胶工艺
Roller non-stick processing

- Roller non-stick processing
- Servo motor fully automatic adapt to different specifications of products
- Ultra-high speed electric spray gun spray glue to ensure the perfection of the carton
- All steel beam structure, stable and reliable performance

型号 Model	工件长度 Workpiece length	工件宽度 Workpiece width	工件高度 Workpiece height	电源信息 Power supply	气源信息 Air supply	装机功率 Service power	实际使用功率 Installed power	总重量 Total weight
NKB2812	300-2900mm	180-1200mm	30-150mm	三相五线制380V50Hz	0.6MPa	16kw	6kw	≈5T

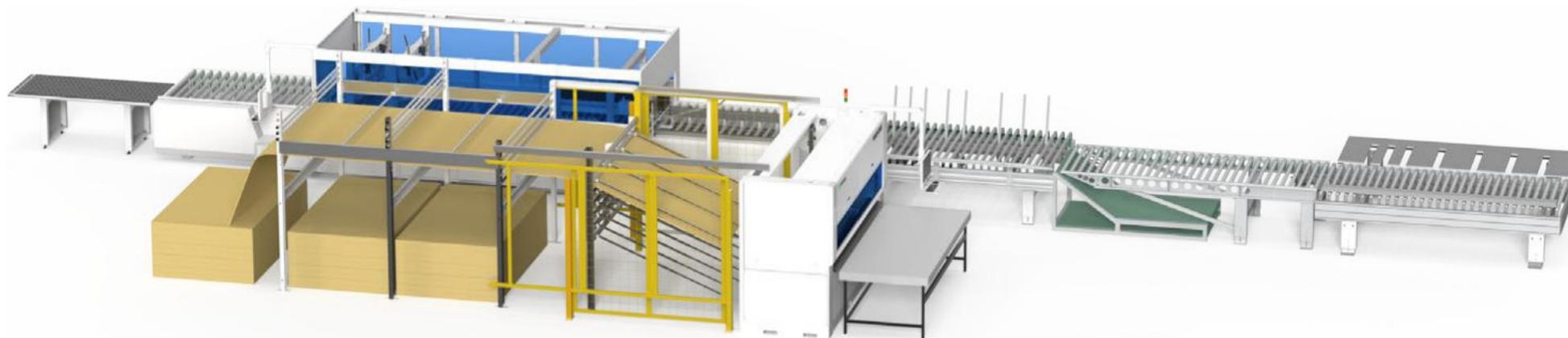
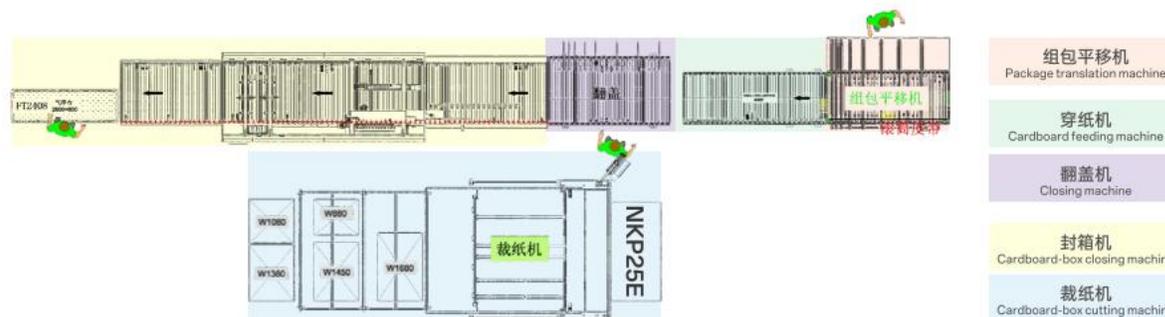


Packing- Box Closing

JCP-06

智能包装工作站

Intelligent packaging workstation





Jan - Aug 2025 - Hot Selling at a glance

CNC

NCG2812E	35
NCG2812LE	31
NCG3021LE	26
NCG3021E	18
NCG3021L	17

Table Saw

MJ1138M	203
MJ1132F	186
MJ1138F	140
MJK1132 F1	69
MJ1132M	59
MJ1132D	30
MJK1138 F1	27

Panel Saw

NPC330	114
NPC380	61
NPC280	10

Edge Banding

NB7CJ	109
MF50S	82
NB670N	52
NBC332S	48
NB6J	48
MF80S	37
NB4J	30
NB7X	29
NB8PCHGM-PC	21
NB536	16
NB7PCG-PC	13
NB5XE	13
NBC332	12

Drilling

ND612S	47
NCB612S	32
ND612DT	46
ND612D	32
ND612	28
ND712DTL	21
ND510S	20
ND612CT	19
ND512TS	16

SALES FORECAST ACTION PLAN



Thanks

