

NORTHTECH™
Industrial Machinery

ULTIMATE **Automatic Planer**

NT-24HCVS-XL (*Spiral Cutterhead*)

NT-24SCVS-XL (*Straight Cutterhead*)



IMPORTERS OF HIGH QUALITY INDUSTRIAL WOODWORKING MACHINERY

ULTIMATE

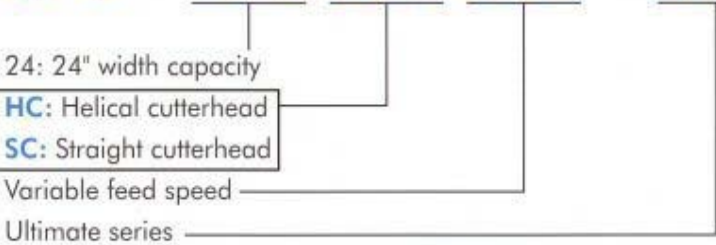
The NEW Dynamik Series planer is designed and built for productivity, quality and profit.

Outstanding Features

- ★ CONTROL: The control system meets UL and CSA standards.
- ★ FRAME: Cast iron frame, precision machined.
- ★ TABLE: Manufactured from high quality FC-25 cast iron with rib reinforcing for perfect alignment and maximum rigidity. Table surface is precision ground for a smooth, accurate feeding effect.
- ★ CUTTERHEAD: Choice of straight knife, quick change, and spiral cutterheads are available.
- ★ INFEEED ROLLER: Corrugated, 75mm diameter.
- ★ OUTFEED ROLLER: Smooth surface, wear-vesistant, rubber coated 56mm diameter.
- ★ BED ROLLERS: (2) adjustable from 0 to 0.040" above table.
- ★ PRESSURE BAR: Cast iron, with spring tension and mounted concentric to cutterhead, providing exact tolerance to cutting circle.
- ★ CHIP BREAKER: Ductile iron, spring loaded, sectional type, with independent 1/4" yield. Sections are mounted on a steel shaft just forward of knife-cutting circle.

MODEL IDENTIFICATION

NT-24HCVS-XL





QUICKLY ADJUSTED TABLE ROLLERS

The table is equipped with two powered rollers, allowing for smooth feeding of moisturized or warped stock. Both rollers are quickly adjusted by means of a quick setting lever at the front of the machine. Table rollers are raised or lowered synchronizely through a linkage between rollers.

ELECTRICAL CONTROL CIRCUIT

The electrical control system employs high quality components for dependable motion controls and long service life. Electronic components are CSA, UL or CE approved and are carefully laid out for easy maintenance.

DUST HOOD

The dust hood with 6" diameter outlet is provided at the outfeed end of the planer for connection to a dust system.





ADDITIONAL EMERGENCY STOP SWITCH

The planer is equipped with two emergency stop switches. One is provided on the control panel, the other one (picture shown) is provided at the outfeed end of the machine for added safety control.



CONVENIENT ADJUSTMENT

Adjustment screws for the feeding mechanism including infeed and outfeed rollers, front and rear pressure plates, are easy to access providing convenient adjustment.



SPIRAL CUTTERHEAD (opt.)

The planer is equipped with an oversized spiral cutterhead. This provides high chip removal rate, superior surface finish and extremely low noise while cutting. Manufactured from alloy steel, the spiral cutterhead is precision machined, tempered, dynamically balanced and precision ground. Four-edge Tungsten carbide knife inserts are fitted in the helical slots of the cutterhead. (15 x 15 x 2.5mm solid carbide knives)

Specifications:

MODEL	NT-24HCVS-XL	NT-24SCVS-XL
CAPACITY	24"	
Table area	25" x 27 1/4" (635 x 692mm)	
Cutterhead	3" (75mm)	
Cutting circle	3 1/4" (82.5mm)	
Cutterhead speed	5500 RPM	4000-5000 RPM
Spiral row number	6	—
Knife insert size	15 x 15 x 2.5mm	—
Quantity of insert knives	144 ea.	4
Feed rollers	3" (75mm)	
Table rollers	2 3/8" (60mm)	
Range of feed speed (VS)	0 - 60 ft/min	36 ft/min
Stock thickness range	0.079" - 7.874"	
Max. depth of cut	1/4" (6.3mm)	
Max. width of stock	24" (610mm)	
Cutterhead motor	10 HP	
Power table motor	1 HP	
Feed drive motor	1HP (DC)	—
Net weight	700 kgs (1540 lbs)	
Gross weight	800 kgs (1760 lbs)	
Packing dimensions	47" x 34" x 53"	

* Specifications and design characteristics are subject to change without prior notice.

QUICK CHANGE STRAIGHT KNIFE CUTTERHEAD

The safety type quick change straight knife cutterhead is machined from mild carbon steel. Changing of knife inserts is quickly and conveniently accomplished by simply loosening the gib set screws and tapping them down. The cutterhead is fitted with 4 high speed steel knives. T.C.T. knives are optional.

Standard Equipment:

- High speed steel knives (straight knife and quick change cutterhead only)
- Knife setting device (straight knife cutterhead only)
- 15 x 15 x 2.5mm Knife inserts (Spiral cutterhead only)
- Toolbox and tool kits
- Dust hood
- Magnetic controls

Optional Equipment:

- Increased cutterhead horsepower
- T.C.T. knives (quick change cutterhead only)

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