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★★★★★
MADE IN THE
USA

SEMI-AUTOMATIC CONTOUR EDGE BANDERS

MACHINE QUOTATION

SNX  **nVision** **C1.5**

The #1 semiautomatic contour bander in North America

315 Industrial Blvd | Sauk Rapids, MN 56379 | 320-380-3800

SNX nVision C1.5 Contour Edgebander Quotation



The SNX nVision C1.5 series of US-made hotmelt contour edgebanders offers any woodworking shop an easy, affordable, and versatile shaped-part banding solution. It allows shops to bring contour banding production in-house by being more cost-effective than outsourcing. The wood industry is moving to provide its customers with more and more complex shaped parts in their projects and the nVision allows your company to respond in a faster, more efficient way than ever possible.

The Woodworking markets that our nVision Serves:

Closets

Commercial Furniture

Store Fixtures/Display

Cabinetry

SNX nVision Edgebander Customers:

Many of the most prestigious firms have already switched to using nVision semiautomatic Contour Edgebanders. nVisions are now the *best-selling contour banders* in North America! We hope you will decide to join them, and us, with an nVision C1.5 machine.



SNX nVision C1.5 - Features

Main feature and benefits

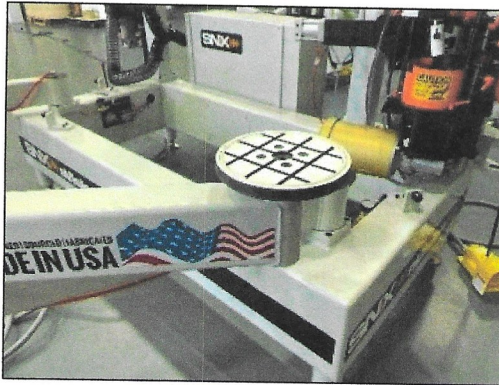
- ▶ 100% US designed, built & supported – **faster parts and service response, lower shipping costs**
- ▶ UL-certified electrical cabinet – **fully-compliant with codes**
- ▶ Heavy-duty machined frame – **added stability absorbs vibrations that could affect banding quality**
- ▶ Touch-screen graphical PLC controller – **less need for special training or language translation to operate machine**
- ▶ Articulated vacuum pod arm supports parts - **maximum panel weight = 130 lbs!**
- ▶ Machine can band and trim parts up to 10' in size! – **ideal for closet parts, lockers**
- ▶ Machine designed to apply hot melt EVA (Ethylene Vinyl Acetate) adhesive on 0.5mm, 1mm, 2mm, and 3mm tape – **can also band some wood veneers & special tapes**
- ▶ All machine drive systems (spindles, rollers) powered by a single motor – **quiet, reliable power**
- ▶ Spindle drive system uses SNX Armordrive serpentine Kevlar belt – **smoother, quieter, longer life operation without the need for lubrication**
- ▶ Incredibly tight inner and outer radius bands – **can out-band more expensive CNC machines!**
- ▶ Glue pot holds 1kg of adhesive
- ▶ Trimming unit trims top and bottom tape overhang of finished bands using same vacuum arm; trim station retracts pneumatically to allow swings of large parts during banding process

Digital PLC touch-screen control



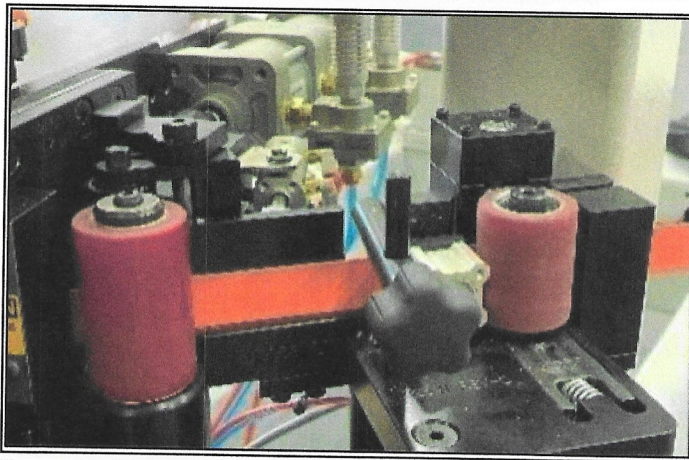
- ▶ **Touch “Manual”** = for perimeter distance banding
- ▶ Colorful graphic interface makes operation and programming easier
- ▶ Temperature interlock prevents drive system start-up until the proper operating temperature is reached
- ▶ Precision +/- adjustment (to .1mm increments) for accurate firing/timing of the guillotine cut-off
- ▶ Ability to run MANUAL or SEMI-AUTOMATIC machine modes
- ▶ Infinitely variable electronic feed speed adjustment

Vacuum and Mechanical workpiece holding



- ▶ Utilizes a pneumatic vacuum pump system (adjustable via pneumatic regulator)
- ▶ Vacuum is provided via a rotating aluminum vacuum pod table
- ▶ Additional vacuum tables are available (part specific)
- ▶ Vacuum tables have rubber gasketing to ensure adequate workpiece hold.
- ▶ Work piece feeder is driven with an EXTRA WIDE rubber bottom roller
- ▶ Vacuum tables are at the end of a large, Heavy-Duty articulating arm.

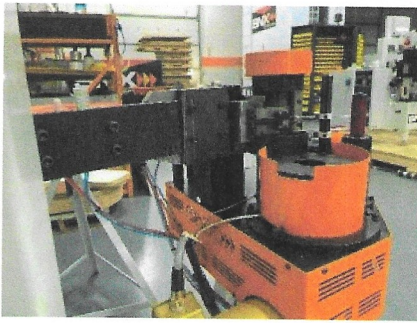
Infeed, guillotine, and digital encoder



Guillotine, Infeed Guide
System, Digital Encoder

- ▶ Machine comes with a universal edgeband tape coil stand.
- ▶ Automatic guillotine for making mitred cuts on edgebanding up to 60mm in height
- ▶ Guillotine activated by encoder system or by manual foot pedal

Glue pot system



- ▶ 1kg glue capacity
- ▶ Adjustable control of glue coverage
- ▶ Teflon-coated glue pot for easy cleaning
- ▶ Digital glue temperature setting

Top & bottom trimming station



Four adjustable knobs for fine tuning trimmer

- ▶ Two variable high frequency motors for edge trimming: Motor: 2 x 0.5 KW (.75 HP), 300 HZ, speed up to 18,000 RPM
- ▶ Maximum edge strip thickness: 3 mm (PVC)
- ▶ Maximum edge strip height: 60mm
- ▶ Manual adjustment of the trim motors for work piece thickness via hand lever.
- ▶ Pneumatic opening of the trim motors to facilitate the introduction of the panel
- ▶ Top/bottom 1mm radius cutter heads are standard
- ▶ One guide shoe is used for 1mm – 3mm edgebanding
- ▶ Cyclone designed dust shrouds for excellent chip extraction
- ▶ The guiding and positioning of trimming function around the contour of the work piece is done manually by the operator.
- ▶ On / Off selector switch for independent use of unit

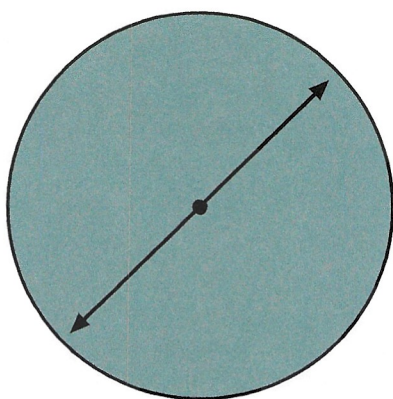
SNX nVision C1.5 - Specifications

Operation Requirements:

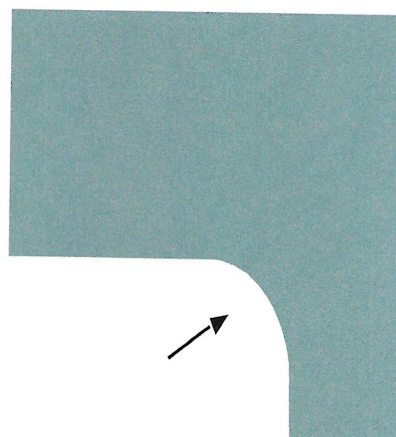
Air Requirement: 6 bar (100 psi)
 Electrical Requirements: 230v, 3ph, 10-amp circuit
 Dust Extraction: (1) one 3" diameter port

General Material / Edge Banding Performance:

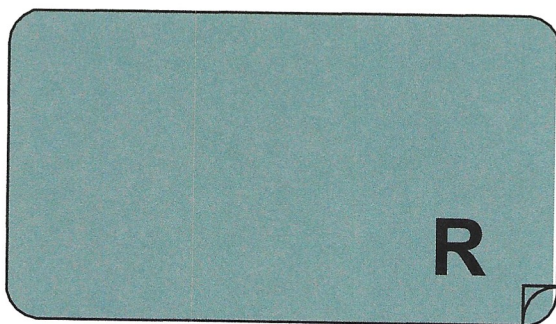
IMPORTANT: ALL minimum & maximum radii are affected by tape thickness, quality of adhesive and edgebanding being applied.



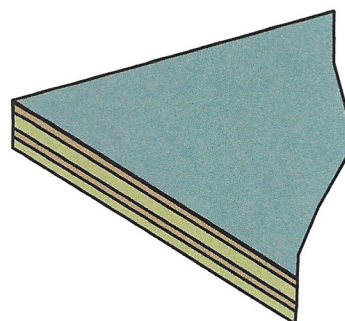
Part Size: Min. $\varnothing$ = 150 mm, Max. $\varnothing$ = 2400 mm



Min R = 13 mm



Edge thickness 1 mm, min = R 12 mm
 Edge thickness 2 mm, min = R 50 mm
 Edge thickness 3 mm, min = R 80 mm



Panel thickness 10-60 mm with edge thickness 1 mm
 Panel thickness 10-60 mm with edge thickness 2 mm
 Panel thickness 10-45 mm with edge thickness 3 mm

NOTE: SNX nVisions are capable of smaller and tighter radius performance. This depends on specific part geometry, material sizes and other variables. Please submit part samples or electronic files to SNX so we may more accurately assess production expectations.

SNX nVision C1.5 - Specifications

- ▶ Machine dimensions
- ▶ Electronic (.dxf or .dwg) files are available upon request

