



Machinery for the Woodworking, Stone,
Glass, Plastic, and Metalworking Industries



Date : 04/18/2024 - 11:42 PM *
EXF # : BF-010596
Category : BORING - FEED THROUGH
Brand / Model : MORBIDELLI "CN 3A / CN 3B"
Machine Type : BORING MACH. (FEED THRU CNC W/DOWELING)
Year of Mfg. :
Condition : Reconditioned
Elect / Voltage : 400/440 V, 50/60 Cy, 3 Ph.
Special Note : Make Offer

FOB / Region : EUROPE
Appr. Repl. Cost. : € 360,000
Price : €0 *
Comment : Seller States, "This line was RECONDITIONED and PA
Leasing : Contact NCL for quote



Please ask me

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* Pricing is valid at the time of printing and subject to change at any time.

Description :

- **MORBIDELLI CN 3A / CN 3B BORING MACH. (FEED THRU CNC W/DOWELING):**

POS #1: MORBIDELLI CN 3A CNC Feed Through Boring Machine

- 3,200 mm (126") Max. opening cap. in "X" axis left-right; 215 mm (8-1/2") min. opening cap.; 1,056 mm (41-1/2") max. "Y" axis front-back cap.; 100 mm (3.9") min. front-back capacity.
- **Right & Left horizontal boring units:** Each with: (1) 20-spindle chucks on 32 mm centers; each chuck powered by 1.8 HP (1.3 kW) motor; right horizontal unit motorized & left horizontal unit is fixed.
- **(4) CNC Controlled** double top clamp hold-down cylinders.
- **(6) CNC Controlled BOTTOM** vertical supports.
- **(2) CNC Controlled TOP** vertical supports.

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EX-FACTORY INC.: 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068
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- Each vertical can be equipped with: (2) Boring blocks (swivel 0° - 90°); each boring block driven by 2.3 HP (1.7 kW) motor.

All **VERTICAL** supports equipped with: Pneumatic locking, individual adjustment for boring block distance, readouts on all heads for finite adjustments, boring depth controlled by a programmable "Z" axis Servo drive.

- The programmable Servo drive: Allows for tight control of the boring depth, as well as the feed belt speed control which is variable from 35 - 75 MPM (114 - 246 FPM).
- 670 mm (26") Long outfeed belt transfers with up/down flip movement for ease of machine adjustments; removable panel support rails; safety light curtains.
- **POS #2: MORBIDELLI - CN 3B, ...CNC Feed Through Boring Machine with Dowel Inserting:**
3,200 mm (126") Max. opening cap. in X-axis left-right; 215 mm (8-1/2") min. opening cap.; 1,056 mm (41-1/2") max. Y-axis front-back cap.; 100 mm (3.9") min. front-back capacity.
- Right & Left horizontal doweling units with: (5) glue & dowel inserting units on each side; right horizontal unit motorized & left horizontal unit is fixed.

(2) Vibrator Hoppers with: (5) Horizontal dowel tubes on each hopper that allows up to (5) dowels to be inserted at the same time on each side.

Equipped with: Automatic dowel measurement device, pressurized glue tank, & rinsing tank.

- **(2) CNC Controlled** double top-clamp holddown cylinders.
- **(3) CNC Controlled BOTTOM** vertical supports.
- Each vertical can be equipped with: (2) Boring blocks (swivel 0° - 90°); each boring block driven by 2.3 HP (1.7 kW) motor.

All **VERTICAL** supports are equipped with: Pneumatic locking; individual adjustment for boring block distance; position readouts on all heads for finite adjustments; and boring depth controlled by a programmable "Z" axis Servo drive.

- The programmable Servo drives allows: Tight control of the boring depth, as well as the feed belt speed control, which is variable from 35 - 75 MPM (114 - 246 FPM).
- 670 mm (26") Long infeed double belt transfers with up/down flip movement for ease of machine

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adjustments; removable panel support rails; safety light curtains.

- **The numerical control** allows for CNC setup of "X", "Y1" & "Y2" axes of the vertical units, the transport belts & the top clamps in "X" axis.
- The storage of the data within the panel program & the serial transmission of data is transferred to the units on the machine for axes repositioning and to setup the automatic working cycles.
- **Options Include:** (8) 15-Spindle boring chucks on 32 mm centers; (14) 9-spindle boring chucks on 32 mm centers.

Actual model is: **MORBIDELLI - CN 3A / CN 3B.**

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