




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



**Date :** 05/07/2021 - 11:26 PM \*  
**EXF # :** BP-012582  
**Category :** CNC POD & RAIL MACH. CTR.  
**Brand / Model :** MORBIDELLI "CYFLEX HP"  
**Machine Type :** CNC MACHINING CENTER (VERTICAL)  
**Year of Mfg. :** 2016  
**Condition :** Like New  
**Elect / Voltage :** 230 V, 60 Cy, 3 Ph.  
**Special Note :** Premier

**FOB / Region :** MID ATLANTIC  
**Appr. Repl. Cost. :** \$ 115,000  
**Price :** **\$ 64,900 \***  
**Comment :** Machine is in LIKE NEW  
Showroom Condition...under  
**Leasing :** Lease for \$ 1,304/Mo. at  
NCL



Please ask me

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

**Description :**

- **MORBIDELLI CYFLEX HP CNC MACHINING CENTER (VERTICAL):**

**Specifications:**

- Flexible "Vertical" Machining Center that can reach movement speeds of 229 FPM (70 MPM) in "X" axis, 131 FPM (40 MPM) in "Y" axis & 98 FPM (30 MPM) in "Z" axis with total safety.
- **Working Capacity:**  
Max. part size for "X" axis is 120" (3,050 mm), "Y" axis 51.1" (1,300 mm), max. part thickness 3.7" (95 mm).  
Min part size for "X" axis is 7.8" (200 mm), "Y" axis 1.96" (50 mm), min. part thickness of 0.31" (8 mm); automatic infeed & outfeed from the LH side.
- **Boring unit:**  
(1) Boring block with (2) 3 HP (2.2 kW) motors, variable speed up to 8,000 RPM; (24) Independent vertical spindles,

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(2) NC controlled "Split Heads" with (12) independent spindles, (7) in "X" axis & (5) in "Y" axis: The "Split Heads" are independent of each other in the "Y" axis.

(11) Horizontal spindles with (4+4) in "X" axis + (1+1) NC controlled split head spindles in "Y" axis & (1) additional horizontal spindle mounted on the upper head in "Y" axis;

(1) "X" Axis grooving saw mounted on the lower head, variable speed up to 10,000 RPM, 125 mm max saw blade diameter.

Minimum distance between the "Split Heads" vertical spindles in "Y" axis is 64 mm; Minimum distance between the "Split Heads" horizontal spindles in "Y" axis is 231 mm; Minimum distance between the "Split Heads" vertical spindles in "X" axis is 295 mm,

Maximum distance between the "Split Heads" vertical spindles in "Y" axis is 1,780 mm; Maximum distance between the "Split Heads" horizontal spindles in "Y" axis is 1,525 mm; Maximum distance between the "Split Heads" vertical spindles in "X" axis is 1,493

- **Machining:**

(1) 8.8 HP (6.6 kW) router with HSK F63 adaptor for automatic tool change, variable speed from 1,000 - 24,000 RPM.

(1) 4-Position ATC tool rack mounted on the side of the machine base

- **Operator & Machine Control:**

PC front end with SCM "XILOG MAESTRO" + Windows operating system with 3D graphics..

17" TFT Monitor; international keyboard, soft-touch keypad & industrial mouse; RS-232 Serial ports, USB ports; (1) 1.44 MB floppy disk drive, (1) CD RW drive.

Ethernet connection. Real-time multitask processing; programs can be transferred via diskette or downloading by wire is possible.

- **Complete with:**

Hand-Held Pendant control; (2) Pneumatic part clamping devices; Auto lubrication system; Sound enclosure & Safety devices.

- Actual Model is **MORBIDELLI CYFLEX HP**

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