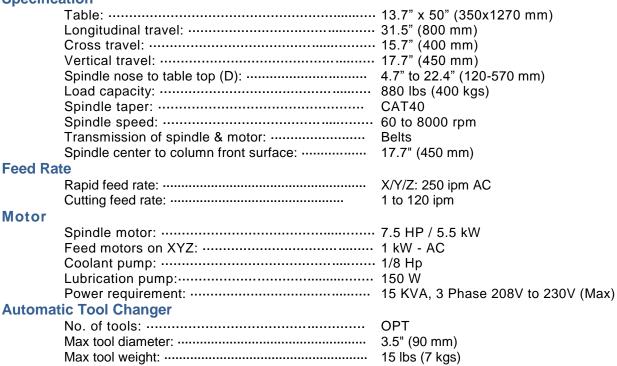
# CLEVELAND

## VERTICAL CNC BED MILL MODEL: BM-430H

### MACHINE FEATURES:

- Centroid M400 control with 15" LCD
- 7.5 HP spindle motor, CAT40 spindle taper
- Programmable 50 to 8,000 rpm spindle speed
- Hardened & ground with Turcite-B coating guide way
- Double nut precision ball screws hardened & ground for high accuracy and long lasting
- FC30 Meehanite casting main frame with annealed & stress relieved for long term reliability
- 100% laser tested for positioning accuracy & repeatability
- Box ways design on Y & Z axis to provide maximum rigidity & stability
- Standard way covers on all three axes
- Tool box & tools
- Coolant system
- Central lubrication system
- Built-in Quartz work light
- Portable hand wheel (opt)
- AUTOMATIC TOOL CHANGER (opt.)
- FULL ENCLOSURE (opt.)

#### **Specification**



#### **Dimension & Weight**

Length x Width x Height:	110.6" x 94.5" x 96.8"
Net Weight:	5500 lbs (2500 kgs)



Standard Accessories		
Tools & box	Leveling bolts & plate	RS-232 interface
Operation manual	15" color LCD	Splash guard
Auto lube system	Halogen work light	120 GB solid state hard drive
USB 2.0 port	Coolant system	Shop floor programming/Conversational
Ontional Machine Acces		

#### **Optional Machine Accessories**

CK-001	52pcs Clamping Kit
CP-MIST	Mist Coolant System
ENCLOSURE	Full enclosure
16ATC	16 T Magazine - Umbrella with software
C40RK-45	Retention Knob Cat40, 45degree 20pcs
TG-CNC	Table Guard
TRAN-17KVA	Transformer: 17KVA (440~480V)
VISE-6	6" Angle Vise W/ Swivel Base (Import)
<b>Optional Softwa</b>	re Accessories
10620	Compression tapping
10610	User definable Macros and sub programs [M98 & G65]
10851	Cutter compensation
10360	4th axis software
10630	Unlimited part program size
10730	Intercon off-line conversational program (for your desktop PC)
10810	Rigid tapping [G74 & G 84] (includes 10620)
10850	Coordinate system rotation (CSR)
10625	Scaling and mirroring [G50 & G51]
10814	DXF in, CAD drawing input software
10660	BCD tool change output
10740	Engraving software
Digitizing & Probing	g
10405	DP-4 probing package w/ CSR (10850)
12486	DP-7 probing package w/ CSR (10850)
10770	2D & 3D digitizing software (requires 10405)
10220	TT-1; Tool touch off kit
12468	TT-2; Tool touch off kit
10772	Tool room package (10405 & 10220 & 10600 work coordinate)
Manual Pulse Gen	erators (MPG)
11069	100 Step MPG

#### Additional Accessories Information

\*\* WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE \*\*

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