CLEVELAND VERTICAL MACHINING CENTER MODEL: L800

MACHINE FEATURES:
- Centroid M400 control with 15” LCD
- Armless type 16 tool ATC
- 10 HP spindle motor, CAT40 / BT40 spindle taper
- 8,000 rpm spindle speed with spindle oil cooler
- Linear guide way on three axes
- 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
- Telescopic steel way covers on all three axes
- Tool box & Tools
- Coolant system and air blast system
- Central lubrication system
- Built-in Quartz work light
- Rigid tapping (opt)
- Portable hand wheel (opt)

Specification
- X / Y / Z travel: ........................................... 31.5” / 20” / 24”
- Distance from spindle to column: ...................... 23.1”
- Distance from spindle to table top: ................. 5.5” ~ 29.5”

Working Table
- Size (X / Y): ........................................... 35.4” / 18”
- T-slot: ..................................................... 0.7” x 4 x 4.7”
- Load capacity: ........................................ 1320 lbs

Spindle
- Motor: ...................................................... 10 HP
- Speed: ..................................................... 8,000 rpm
- Taper: ..................................................... CAT40 / BT40

Feed Rate
- Rapid X / Y / Z: ........................................... 640 / 640 / 480 ipm
- Cutting: ................................................... 300 ipm

ATC
- Tool magazine capacity: ......................... Armless 16 tool
- Max. tool dia. / adj. pocket empty: ............. Ø 3.1” / Ø 5.9”
- Max. tool length: ..................................... 11.8”
- Max. tool weight: ..................................... 15.4 lbs

General
- Power requirement: ................................. 19 KVA
- Pneumatic tank requirement (min.): ........... 5 ~ 8 (5) kg/cm^2
- Coolant tank capacity (pump): .................... 63.4 gal (1 hp)

Dimension & Weight
- L X W X H: .................................................. 125” x 92” x 99”
- Weight: ...................................................... 11,400 lbs
Standard Accessories
Booster (unclamp) cylinder
Auto lube
Air gun & spindle air blast
Full enclosure
Coolant system
Halogen work light
Telescoping way cover
Power chain
Operation manual
Tools & box
Spindle coolant unit
Encoder set
Screw type chip auger
Electric cabinet set w/ bracket

Optional Machine Accessories
CK-105  52pcs Clamping Kit slot 0.71” (18mm); stud: 5/8-11
CP-MIST Mist Coolant System
UG-RPM100 Upgrade to 10000 rpm (need to be finished in factory)
TRAN-28KVA Transformer: 28KVA (440~480V)
UG-MT15 Upgrade to high torque Y and Delta Motor
UG-Swing arm Upgrade to swing arm 24 tool change
VISE-6  6” Angle Vise W/ Swivel Base (Import)
C40RK-45 Retention Knob Cat40, 45degree 20pcs
UG-MT15-20 Upgrade Motor from 10 to 15HP
CP-SP Coolant Through Spindle

Optional Software 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 & G84] (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
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)

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

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