

KENTUCKY MACHINE & ENGINEERING INC.

EQUIPMENT LIST

HORIZONTAL BORING MILLS:

- 1- MTE CNC Universal Floor Horizontal Boring Mill, 20' horizontal, 10' vertical, 38" spindle capacity, 30,000 lb table capacity
- 1- Doosan HM-1250 Horizontal Machining Center, x-82.8" y-59" z-59" 2 pallet 49.2 x 49.2 11,000lbs
- 1- Lucas 40T 2 pallet CNC Boring Mill with 360 degree rotation, 120 position tool changer, 2,500# load capacity, 72" cross travel, 48" square pallets
- 2- Toshiba BTD-11B.R3 CNC Horizontal Boring Mill, 4.3" dia. #50 taper spindle, 24.8 extension, 59" vertical travel, 78.7" cross travel, 57" longitudinal travel, 14,000# load capacity, Retrofitted
- 1- Toshiba BP-13 (P5) Horizontal CNC Mill w/right angle milling head, power draw bar and facing head, 80" vertical (Y), 118" horizontal (X) and 54" cross (Z), Retrofitted
- 1- Toshiba BTD-9R Horizontal CNC Boring Mill, #50 taper spindle, 39.4" vertical 31.5" longitudinal, Retrofitted
- 1- Cincinnati T-30, 6 pallet, Horizontal CNC Machining Center, Retrofitted
- 1- Cincinnati T-50, 6 pallet, Horizontal CNC Machining Center, Retrofitted
- 1- Giddings & Lewis 10" vertical, 20' horizontal travel
- 1- Giddings & Lewis 3" spindle with complete 2-axis digital read out, table capacity 84" cross, 62" longitudinal, 60" vertical
- 1- Mitsubishi CNC Horizontal Machining Center Model: MH4B/20 (CH1939)

STRESS RELIEF:

- 1- Metal-Lax Relief Series 2400

LATHES:

- 1- Romi Combination CNC Lathe M-27 x 120
- 1- Dalian Flat Bed CNC Lathe 24.8" x 78"
- 1- Mori Seike TL CNC 40B-3000 24" x 114"
- 1- Bridgeport Romi CNC 29" x 40"
- 1- Clausing Colchester 25" x 120"
- 1- Lansing Model 70-46" over cross slide, 64" over bed, 208" between centers
- 1- Proto Trak TRL1845SX Trak Lathe
- 1- Okuma Multus B400II-W x-18" z-60.83"
- 1- Romi G550 Slant Bed CNC x-20" z-45"

VERTICAL BORING MILL:

- 1- Fadal CNC Vertical Machining Center 4020

VERTICAL MILLS:

- 1- Cincinnati Arrow 2000 CNC Vertical Mill
- 2- Trak DOMV5, 40" x 20", 5HP with Proto Trak VM CNC
- 2- Trak V7 60" x 40" with Proto Trak VM CNC
- 1- Bridgeport CNC Mill EZ Trak
- 1- Track DPM 3-axis #40 taper CNC Mill

WIRE EDM:

- 1- FANUC Robocut A-C600IB Travel x: 23 5/8" y: 15 3/4" z: 16"

COORDINATE MEASURING MACHINE:

- 1- Numerex Model 242418, Series EB, 24" x 24" x 18"

GRINDERS:

- 1- Blanchard Grinder 42"
- 1- Mattison surface grinder, 12" x 70"
- 1- K.O. Lee surface grinder, 6" x 18"
- 1- Okamoto surface grinder, 12" x 24"
- 1- Norton cylindrical grinder O.D.

REVERSE ENGINEERING:

- Faro 8-Axis Quantum Scan Arm

POWDER COATING:

SANDBLASTING:

HEAT TREAT:

- Lucifer Red Devil Dual Chamber Furnace 12"H x 14"W x 24"L

SAW:

- Amada Swivel Head, High Speed, Horizontal Metal Cutting Bandsaw

WELDING:

- On-site Certified Welding Inspector (CWI)
- Sub-merged Arc

K^M**E** **KENTUCKY MACHINE** **& ENGINEERING INC.**

SUMMARY

Welding:

- Processes SAW, GMAW, GTAW, SMAW, FCAW
- Certification full time American Weld Society Certified Weld Inspector; All welders certified in all above processes.
- Size Varies (can accommodate small hand held projects as well as very large projects needing assistance from overhead cranes)
- Weight our cranes in this area can lift up to 50,000 lbs

Machining:

- Machines (Mills, Lathes, Etc.) Various Mills, Lathes, Surface Grinder, Blanchard Grinder, Wire EDM
- Size largest machine can handle 20' X x 10' Y x 38" z
- Weight that can be handled by crane the crane for our largest machine will lift up to 35,000 lbs
- Precision that can be held with largest machine this machine can keep +/- .003

Plating / Paint:

- In house wet spray We offer powder coat for all parts that will fit in our 20'L x 8' w x 8' t oven. All parts larger than that can be wet coated in our dedicated building for wet painting.
- Size / weight can paint in house Oven dimensions above / wet paint building can handle much larger parts with assistance of an overhead crane and available open space
- Ability to do plating (either in house or outside vendor) we have multiple contacts for various plating specialtie: to meet our subletting needs for our customers