



COLLINS MANUFACTURING, INC.

Precision Machining

ENGINEERING STAFF WITH OVER 40 YEARS EXPERIENCE IN PROGRAMMING
LATEST TECHNOLOGY IN CAD/CAM SOFTWARE

***** CNC MACHINING CENTERS *****

(4) CNC-MATSUURA RA-IIIIF VERTICAL MACHINING CENTER
WITH YASNAC I-80 CNC CONTROL, PALLET CHANGER, AND 30 TOOL MAGAZINE
AXIS TRAVELS - X-31" Y-17" Z-18"

(1) CNC-MATSUURA RA-IIF VERTICAL MACHINING CENTER
WITH YASNAC I-80 CONTROL, PALLET CHANGER, AND 20 TOOL MAGAZINE
AXIS TRAVEL - X-23" Y-16" Z-18"

(1) CNC-MATSUURA MC-600VF VERTICAL MACHINING CENTER
WITH YASNAC MX-3 CONTROL AND 20 TOOL MAGAZINE
AXIS TRAVEL - X-23" Y-16" Z-18"

(1) CNC-MATSUURA MC510VF VERTICAL MACHINING CENTER
WITH YASNAC I-80 CONTROL AND 20 TOOL MAGAZINE
AXIS TRAVEL - X-20" Y-14" Z-18"

(2) HAAS ROTARY INDEXERS

***** CNC TURNING CENTERS *****

(1) NAKAMURA TOME SC-300 CNC TURNING CENTER
13" DIA TURNING CAPACITY AND 45" BETWEEN CENTERS
2.8" DIA. BAR CAPACITY - 10" CHUCK , TAILSTOCK, WITH FANUC 21-T CONTROL

(1) NAKAMURA TOME TW-20 6 AXIS CNC TURNING CENTER
13" DIA TURNING CAPACITY AND 45" BETWEEN CENTERS
2.8" DIA. BAR CAPACITY - 10" CHUCK , TAILSTOCK, WITH FANUC 21-T CONTROL
TWIN SPINDLE, TWIN TURRENT, LNS BARFEEDER AND PARTS CONVEYOR

(2) NAKAMURA TOME TMC-2011 CNC TURNING CENTER –
CHUCK 8" SLANT BED WITH FANUC 18-T CONTROL AND BAR FEED

(1) NAKAMURA TOME TMC-15 CNC TURNING CENTER-CHUCK 6"
WITH FANUC 0-T CONTROL AND TAILSTOCK

***** AUTOMATICS*****

(2) HARDINGE AHC CHUCKING/TURNING CENTER
WITH 12' BAR FEED

*****MANUAL MILLING*****

(5) BRIDGEPORT VERTICAL MILLING MACHINES
EACH WITH PROTOTRAK CNC AND/OR HEIDENHAIN DIGITAL READOUT

(1) BRIDGEPORT VERTICAL SHAPING HEAD ATTACHMENT
(1) SOUTH BEND HORIZONTAL SHAPING HEAD

*****MANUAL TURNING*****

(5) HARDINGE PRECISION HIGH SPEED LATHES

(2) HARDINGE PRECISION CHUCKING LATHES
W/DIGITAL READOUTS

(1) HARDINGE PRECISION TOOL MAKERS LATHE
W/DIGITAL READOUT

(1) LEBLOND 17" ENGINE LATHE
W/DIGITAL READOUT

(1) SOUTHBEND 16" TURRET LATHE

(1) SOUTHBEND 9" TURRET LATHE

*****GRINDING AND HONING*****

(1) SUNNEN PRECISION HONING MACHINE

(1) BROWNE AND SHARPE MICROMASTER SURFACE GRINDER 18"

(1) REID SURFACE GRINDER 18"

(2) PEDISTAL BENCH GRINDERS

(2) SUBURBAN TOOL ROTARY GRINDING FIXTURES

*****DRILLING*****

- (2) SOUTHBEND BENCH TOP DRILL PRESSES**
- (2) BURGMASER TURRET DRILL PRESSES**
- (1) TURNER AND WALKER FLOOR MODEL DRILL PRESS**

*****SAWING*****

- (1) AMADA E250 FULLY AUTOMATIC
CUT-OFF SAW**
- (1) KALAMAZOO CUT-OFF SAW**
- (1) KNOB VERTICAL BANDSAW**
- (1) MILWAUKEE ABRASIVE CHOP SAW**

*****WELDING*****

- (1) LINCOLN IDEAL ARC 250 TIG WELDER**
- (2) LINCOLN 180 AMP MIG WELDERS**
- (1) OXYGEN/ACETYLENE WELDING/CUTTING OUTFIT**

*****FINISHING*****

- (1) BURR KING VIBRATING TUMBLER FLOOR MODEL**
- (1) BURR KING TUMBLER BENCHTOP**
 - (1) ROTARY TUMBLER**
 - (2) SHOT PEEN CABINETS**
- (1) HIGH SPEED POLISHING LATHE**

*****MISC*****

- (1) BUDGIT 2 TON ELECTRIC HOIST**
 - (1) YALE ½ TON GANTRY**
 - (1) 2 TON CHAIN FALL**
- (1) YALE 8000LB FORK TRUCK**
- (1) FORD F350 9' RACK BODY TRUCK**

*****INSPECTION*****

*****ENVIRONMENTALLY CONTROLLED INSPECTION AREA*****

MITUTOYO 14" COMPARATOR

**(1) BROWN & SHARPE 24"
2 AXIS MICRO-HITE**

SPC READOUT & VARIOUS PROBE TIPS

**(1) BROWN & SHARPE 18"
2 AXIS MICRO-HITE**

(1) 36"X48" HERMAN-STONE AAA ACCURACY SURFACE PLATE

(1) 18"X24" SURFACE PLATE

(1) BAUSCH & LOMB 10X-30X MICROSCOPE

*****ENGINEERING SOFTWARE*****

**SOLIDWORKS 2010 WITH INTERGRATED CAMWORKS
TEK SOFT PROCAM AND PROCAM II CAD/CAM
AUTOCAD**

*****FULLY EQUIPPED INSPECTION ROOM WITH ALL GAGES, PLUGS,
RINGS, ETC*****

**MIL-SPECS
MIL-1-45208
MIL-STD-105D
MIL-STD-45662**

**Quality Control Manual
available upon request**

*****ITAR QUALIFIED*****