



LUMAR

**MACHINING &
MANUFACTURING LTD.**

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ISO 9001:2015, Z299.2, AS9100 2016

- Customer and Production Machining
- Tool and Die Making
- Jig and Fixture Manufacturing

EQUIPMENT LIST

MILL/ TURN CENTERS

1 Mazak E670 Integrex
.. 42" dia x 160" centers

1 Mazak E420 Integrex
.. 23" dia x 120" centers

CNC LATHES

1 Okuma Captain L370BB
.. 21" swing x 20.87" centers

1 Okuma Captain L370MBB
.. 21" swing x 20" centers

1 Okuma Captain L470
.. 24.4" swing x 50" centers

1 Okuma LB4000 EX
.. 26" swing x 60" centers

CNC MILLS

1 Mazak VTC800
.. 138" x 32" table --- with 4th axis

2 Okuma MCV 4020
.. 20" x 48" table

2 Okuma M560V
.. 22" x 51" table

3 CNC TRAK Mills
.. 23" x 70" table

Note: All Okuma vertical machining centres have 4th axis rotary tables and tailstocks.

ENGINE LATHES

1 Colchester Master
.. 15" swing x 50" centers

2 Colchester Triumph
.. 15" swing x 32" centers

1 Colchester Triumph
.. 16" swing x 80" centers

1 Colchester Mascot
.. 21" swing x 126" centers

MILLING MACHINES

4 Excello Vertical Mill
.. 9" x 42" table

Note: All 4 vertical mills have digital readout.

CYLINDRICAL GRINDING

2 Jones & Shipman 1300 with internal grinding attachments
.. 14" dia. x 40" centers

1 Brown & Sharp
.. 8" dia. x 24" centers

INTERNAL GRINDING

1 Heald 273A
.. 23" dia. x 22" long

PRECISION RING GRINDING

1 Heald
.. 30" dia. x 12" long

1 Excello
.. 8" dia. x 3" long

SURFACE GRINDING

1 Jones & Shipman 1011
.. 12 x 26 table

1 Brown & Sharp
.. 6 x 18 Table

JIG GRINDING

1 Moore #2
.. 10 x 19 Table

HONING

1 Sunnen
.. Model 1660

GEAR EQUIPMENT

1 Modul ZFWF1000 CNC
.. 60" dia. x 40" face

1 TOS OFA 71A
.. 30" dia. x 12" face

2 Cima Model P5
.. 14" dia. x 11" face

1 Barber Coleman 16-56

.. 16" dia. x 56" face

1 Fellows 6A

.. 18" dia. x 5" face

INSPECTION EQUIPMENT

1 Crysta - Apex Co-ordinate Measuring Machine

.. 60" x 28" x 20"

1 Klingelnburg PSF62 lead, involute & surface finish checker

.. 24" dia. x 80" centres

1 Zeiss Prismo Co-ordinate Measuring Machine

.. 47" x 157" x 39"
