



Advanced Products for Robotics and Automation



CGI, Inc. Equipment and Facilities



Advanced Products for Robotics and Automation

*CGI, Inc.
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Advanced Products for Robotics and Automation

***CGI, Inc. is your most dependable partner for joint-design,
joint-development, quick-prototyping, production manufacturing,
and sub-assembly work.***

***Our robust ISO 9000 certified and ISO13485 compliant quality
management system coupled with a clean and modern 50,000 sq. ft.
CNC machining facility, skilled personnel, lean and
continuous-learning culture make CGI a
proven leader in our industry.***





Advanced Products for Robotics and Automation

When you work with us we can take you from prototyping and problem solving all the way through to product ramp and production scheduling support to ensure your success.

We are continuously evaluating our throughput and overall capacity as we continue to grow.

We recently restructured our gear-manufacturing area thereby doubling the production footprint dedicated to this critical area.

Over half of our facility is now utilized by our CNC milling and turning workstations, including the latest in robotic pallet-loading systems.





Fully Programmable CMM



CNC Milling and Turning Department

NEW EQUIPMENT

Multi-tasking
Nakamura WT-150 II



Vertical Milling
Haas VF4/ VF2

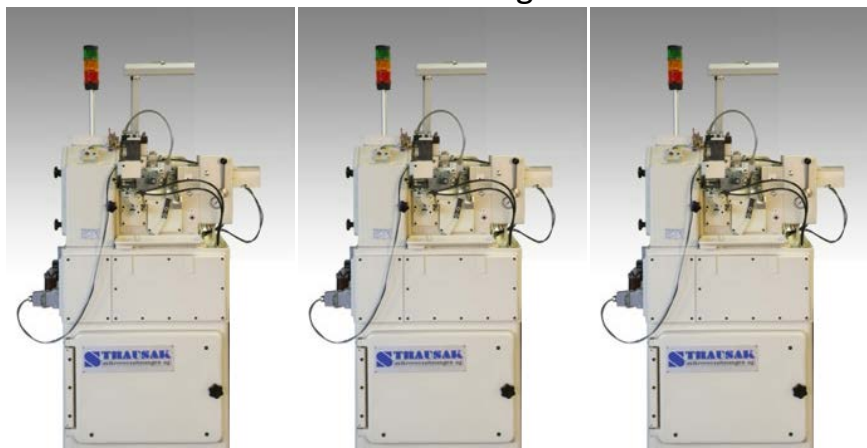


NEW EQUIPMENT

Gear Metrology
PECO ND300



Gear Cutting
Strausak Gear Hobbing Cell





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NEW EQUIPMENT

Koepfer MZ120 CNC Gear Hobber



MV 1200

Mitsubishi Wire EDM



Haas 4th & 5th Axis Rotary



2012-2013 Additional Capacity

Multi-tasking w/ 5-Axis Machining



CNC Laser Welder



CNC Live tool/Sub-spindle Screw Machine





CGI, Inc. Main Equipment Capability Listing

CNC MILLING

- CNC HORIZONTAL MACHINING CENTER, MAZAK FH 4800 W/ PALLETECH ROBOTIC LOADER
- CNC HORIZONTAL MACHINING CENTER, MAZAK HTC-400
- 2 ea. CNC HORIZONTAL MACHINING CENTER, MAZAK PFH 4800 W/ PALLETECH ROBOTIC LOADER
- CNC VERTICAL MACHINING CENTER, HAAS VF-2
- 2 ea. CNC VERTICAL MACHINING CENTER, HAAS VF-4
- 7 ea. CNC VERTICAL MACHINING CENTER, HAAS VF-4 W/ 4TH AXIS
- CNC VERTICAL MACHINING CENTER, KITAMURA W/ PALLET CHANGER

CNC TURNING

- CNC LATHE, CMS GT-27
- CNC LATHE, HAAS SL-20 W/ BAR FEED
- CNC LATHE, HAAS SL-30 W/ BAR FEED
- CNC LATHE, HYUNDAI HIT-15S
- CNC LATHE, HYUNDAI HIT-15S W/ BAR FEED
- 2 ea. CNC LATHE, HYUNDAI HIT-8G
- CNC LATHE, HYUNDAI HIT-8S W/ BAR FEED
- 2 ea. CNC LATHE, HYUNDAI-KIA SKT-21
- CNC LATHE, MAZAK QUICK TURN 25C
- CNC LATHE, MAZAK SUPER QUICK TURN 18 W/ BAR FEED

CNC MULTITASKING

- CNC MULTI-AXIS LATHE, NAKAMURA WT-150II
- TWIN SPINDLE, TWIN TURRET, LIVE TOOL W/ BAR FEED

PRECISION GEAR PRODUCTION

- 6 ea. GEAR HOBBER, BARBER COLEMAN 6-10
- 5 ea. GEAR HOBBER, BEVEL, MIKRON #102
- 11 ea. GEAR HOBBER, BEVEL, MIKRON #120
- 4 ea. GEAR HOBBER, MIKRON #132
- 10 ea. GEAR HOBBER, MIKRON #79
- 10 ea. GEAR HOBBER, STRAUSAK 30 W/ AUTOMATIC LOADER
- GEAR HOBBER, VERT., CVGH
- GEAR HOBBER, VERT., WOLF GH8.6FP
- 3 ea. GEAR HOBBER, WORM, BARBER COLEMAN 6-10
- GEAR SHAPER, CNC, INTELLIGEAR FELLOWS #4
- 2 ea. GEAR SHAPER, CNC, RAMSEY SYKES V10
- GEAR SHAPER, FELLOWS #3
- 2 ea. GEAR SHAPER, FELLOWS #7
- 2 ea. GEAR SHAPER, SEGMENT, FELLOWS #7
- 3 ea. GEAR SHAPER, SYKES V4
- 2 ea. GEAR SHAPER, SYKES V6
- GEAR SHAPER, WOLF GS10-5S
- GEAR SHAPER, WOLF GS20-5S
- BROACH, HORZ., LA POINTE 35 TON
- BROACH, HORZ., OIL GEAR 15 TON
- BROACH, VERT., PIONEER 5 TON

METROLOGY LAB AND INSPECTION

- CMM, CNC PROGRAMMABLE, ZIESS CONTURA
- CMM, MANUAL, BROWN & SHARP
- GEAR ANALYZER, CNC PROGRAMMABLE CMM, PECO ND300
- 2 ea. MICROSCOPE, CAMERA, DIGITAL
- 2 ea. MICROSCOPE, TOOLMAKER
- SCANNER, OPTICAL, TESA 50+
- HARDNESS TESTER, ROCKWELL, WILSON
- 2 ea. PROJECTOR, OPTICAL PROFILE

SWISS SCREW

- SWISS SCREW MACHINE, AUTO, STROHM 125
- 2 ea. SWISS SCREW MACHINE, AUTO, TORNOS M25/M28
- 3 ea. SWISS SCREW MACHINE, AUTO, TORNOS M7
- 2 ea. SWISS SCREW MACHINE, AUTO, TORNOS R125
- CNC SWISS SCREW MACHINE, CITIZENS F12
- CNC SWISS SCREW MACHINE, CITIZENS L16

GRINDING

- GRINDER, CYLINDRICAL, AUTO., CHEVALIER CG-1224
- CNC GRINDER, CYLINDRICAL, SHIGIYA GPS-3060
- 12 ea. GRINDER, PEDESTAL
- GRINDER, SHARPENER, BEVEL CUTTER
- GRINDER, SHARPENER, CNC HOB
- GRINDER, SHARPENER, HOB
- GRINDER, SHARPENER, SHAPER CUTTER
- GRINDER, SURFACE
- 4 ea. GRINDER, TOOL

MORE GREAT TOOLS

- MARKER, LASER
- CLASS 100 CLEANROOM BENCH, FLOWMASTER
- CLEANER, CONVEYOR, AQUEOUS
- CLEANER, DEGREASER, VAPOR
- CLEANER, ULTRASONIC
- BEAD BLASTER, HAND
- BEAD BLASTER, TUMBLE
- HONE, SUNNEN EC-3500-D
- HONE, SUNNEN MBB-1600-MS
- 7 ea. DRILL PRESS, BENCH
- 7 ea. DRILL PRESS, FLOOR
- 4 ea. FURNACE, HEAT TREAT, CRESS ELECTRIC
- 4 ea. LATHE, 2ND OP., HARDINGE
- LATHE, ENGINE, AMURA SEIKE
- LATHE, MANUAL, HARDINGE
- 3 ea. LATHE, SPEED, HARDINGE
- 3 ea. LATHE, TOOL ROOM, HARDINGE
- MILL, HORZ. BENCH, BARKER
- 4 ea. MILL, VERT., MANUAL
- 2 ea. PRESS, AIR/HYDRAULIC
- 2 ea. SANDER, BELT
- 3 ea. SANDER, DISC
- SAW, BAND, DOALL
- 2 ea. SAW, CHOP
- SAW, COLD, BROBO
- SAW, CUT-OFF, AUTO., DOALL C-916 AUTO.
- SAW, CUT-OFF, CNC, DOALL C-3300
- 2 ea. TUMBLER, LRG. MEDIA
- 2 ea. TUMBLER, SML. MEDIA