

# PUBLIC AUCTION

**Online Only  
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## LARGE CAPACITY & WELL MAINTAINED GEAR & MACHINING EQUIPMENT

FEATURING: Vertical, Horizontal & Manual Gear Hobbers • CNC Gear Grinders  
Horizontal Boring Mills • Vertical Turret Lathe • Keyseaters & Much More



NILES ZE400S CNC Grinding Machine (This machine is subject to prior sale)

Surplus to the Ongoing  
Operations of:  
**MACHINISTS INC.**  
**THE GEAR WORKS SEATTLE**



**THURSDAY,  
JUNE 28<sup>TH</sup> 2018**  
**9:00AM PDT**

**PREVIEW & INSPECTION:**  
Tue. & Wed., June 26th & 27th,  
9am to 4pm or by Appointment

**LOCATION:**  
500 So. Portland St., Seattle, WA



G&E 160H Dual Column Gear Hobber



HURTH-MODUL ZFWZ16 CNC Gear Hobber



FELLOWS 36" Gear Shaper

**FOR FURTHER INFORMATION CONTACT:** Michael Seibold at (604) 675-2227 or email [michael@maynards.com](mailto:michael@maynards.com)

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## GEAR GRINDER

- **2007 Niles ZE400S CNC Gear Grinding Machine**, Tip Circle Dia.. 15.74", Max. Profile Depth 1.38", Module 1.7 DP/15mm, Max. Helix Angle 45 Degrees, Max. Stroke Length 15.74", Rotary Table Dia. 15.74", Face Width, Spur Gear 15.37", Rotary Table Bore Dia. x Depth 19.7"x 4.92", 990 Lb. Cap., Tailstock Clearance Height (Min/Max) 19.31"-38.22", Hoffman Blower/Filtration System, Siemens Sinumerik 840D 6-Axis CNC Control, Siemens toggle, Wopittel AE Monitor, Mod. M5100MA, Dressable Wheel Machine, T-Slot 360° Table, CBN On It, Extra Small Wheel Attachment, Kapp#2 Attachment Spindle Dia. .78", Wheel Dia. Range 1.96"-3.93", Onboard Inspection w/Printer, Diamond Dressing Disc, CNC Dressing, Probing Head, Chiller, 3226 Cycle Time, 29,000 Up Time Hours, S/N 330129  
*(This machine is subject to prior sale)*

## GEAR HOBBERS

- **Hurth-Modul ZFWZ16 CNC Gear Hobber**, 6-Axis, 63" Max. Dia., Max. Hob Dia. 12", Max. Center Distance (Hob and Part) 46.063", Max. Center Distance (Hob and Part) 9.843", Max. Height Above Table 51.180", 1,170 Millimeter Center Distance to 650 Millimeter Center Distance 11.811", 650 Millimeter to 500 Millimeter Center Distance (Varies w/Hob Angle) 14.950, 500 Millimeter to 385 Millimeter Center Distance 18.110", 385 Millimeter to 250 Millimeter Center Distance 20.748, Sinumerik 6-Axis CNC System 3 Control, 63" Dia. Table, 12" Swing, 2 Tail Stocks, Auto Coolant Spacers and Arbors, 1.6 Mtr Machine, Purchased 1988
- **G&E 160H Dual Column Gear Hobber**, Max. Dia.185", Face 60", 134" Table, Dual Worm Drive Table for Fine Pitch & Coarse Pitch, Heavy Duty and Fine Pitch Heads, Scale on Head, Sony DRO, Arbors, 12" Dia. Hob on Right, 8" Dia. Hob on Left Side, Chip Conveyor, Tail Stock, Very Accurate Machine, S/N 6525A3
- **G&E 72H High Column Gear Hobber**, Max Dia. 72", Face 36", 10-3/4" Hob Dia., High Accuracy Table Worm, Diff. Infeed, 1" Lead, 40" T-Slot Table, 10" Min. Gear Dia.
- **G&E 36HWD 36" Heavy Duty Gear Hobber**, Max. Dia. 36", Face 18", 24" Table, T-Slot 8" Dia. Hob, Table Hole 5", Diff., Infeed. 20/N, S/N 7045A12
- **G&E 36H Gear Hobber**, Max. Dia. 36" Crowning Gear Hobber, 15" Axial Travel, 20" Table Dia., 8" Hob Dia., S/N 1577A4
- **G&E 24H 24" Gear Hobber**, Max. Dia. 24", Stroke 17", Diff., Infeed, Universal, Tailstock, S/N 2509A2
- **G&E 24HS 24" Gear Hobber**, Max. Dia. 24", Stroke 15", Heavy Duty Spur Only, S/N 3500A4
- **G&E 16H 16" Gear Hobber**, Max. Dia. 16", Diff., Infeed, Tailstock, Universal, S/N 193A2
- **G&E 12H 12" Gear Hobber**, Max. Dia. 12", Stroke 13", Helical, Diff., Infeed, S/N 519A7
- **Koepfer WR8484 Horizontal Gear Hobber**, Swing 4", Stroke 4", Automatic w/Spare Gears, S/N 301252
- **Pfauter 18 Universal Worm Gear Hobber**, Max. Dia. 15", Stroke 12", Universal Slide 13-1/2" for Worm Wheels Cross Cut Fly Gear, Full Set of Gears, S/N 10876
- **G&E 48HS Gear Hobber**, Max. Dia. 48", Face 18", Heavy Duty Worm Driven Head, 32", No Tail Stock, 32" Dia. Table, 8" Dia. Hob, For Heavy Duty Spur Gears, S/N 5500A3
- **G&E 48HWD Gear Hobber**, Max. Dia. 48", Face 18", 32" Dia. Table 8" Dia. Hob, Heavy Duty Worm Drive Head, 20/N Diff., Infeed. Excellent, S/N 7035A10
- **Pfauter RS-3V Universal Gear Hobber**, 72" Max. Dia. 32-1/2" T-Slot Table, Diff, Infeed, Tang, 7" Max Dia. Hob Cap., 11" Tang Shift, Excellent Universal Machine and Fly Cutting Capable, S/N 18190
- **Barber Colman 16-16 Universal Gear Hobbing Machine**, 16" x 26.5", S/N 4480, Free Loading,  
*(Location: Huntington Park, CA)*



HURTH-MODUL ZFWZ16 CNC Gear Hobber



G&E 160H Dual Column Gear Hobber



G&E 72H High Column Gear Hobber



G&E 48HWD Heavy Duty Gear Hobber

## GEAR HOBBERS (Continued)



**2 Available**

**G&E 24" Gear Hobber**



**KOEPFER WR8484 Horizontal Gear Hobber**



**PFAUTER 18 Universal Worm Gear Hobber**



**G&E 48HS Heavy Duty Gear Hobber**



**PFAUTER RS-3V Universal Gear Hobber**



**BARBER COLMAN 16-16 Universal Gear Hobber**

## BEVEL GEAR EQUIPMENT

- **Gleason 14 Coniflex Straight Bevel Coniflex Gear Generator**, Coniflex Tooth from Crown, Set of Change Gears, Setting Gauges, Misc. Tooling, S/N 27778
- **(2) Gleason 12 Bevel Gear Generators**, Approx. Longest Cone Dist. on 3-1/2" Face 12", Longest Cone Dist. on 1" Face 10-1/2", Shortest Cone Dist. 1/2", Longest Face 3-1/2", Length of Stroke 1/2"-4", Dia. Hole thru Spindle 3", Spindle Nose to Centre Line 2-1/2"-15", Set of Change Gears
- **1967 Oerlikon K4A Straight Bevel Gear Generator**, 63", S/N 297462, Free Loading, (Location: Painesville, OH)
- **Gleason 13 Universal Bevel Gear Tester**



**GLEASON 14 Coniflex Straight Bevel Gear Generator**



**GLEASON 13 Universal Bevel Gear Tester**



**2 Available**

**GLEASON 12 Bevel Gear Generator**



**OERLIKON K4A Straight Bevel Gear Generator**

**FOR FURTHER INFO. CONTACT:**

Michael Seibold at (604) 675-2227  
or email [michael@maynards.com](mailto:michael@maynards.com)

## GEAR SHAPERS

- **Fellows 36-6 36" Gear Shaper**, 40" Swing, 6.5 Stroke, 30" Dia. T-Slot Table, 9 1/2" Riser, 4" Spindle Dia., Some Change Gears, S/N 30338-556
- **Fellows 100" Gear Shaper**, 48" T-Slot Table, 16" Riser, 8" Stroke, 6" Spindle Dia., 60" Table Dia., Full Gear Set, No Sub Table Not Sold with Machine, S/N 21707
- **Fellows 100/200 Special 200" Gear Shaper**, Max. Dia. 200", 72" Table, 9" Stroke, 6" Spindle Dia., 36" Shifting Riser, Sub Tables, Full Gear Set Special Build, S/N 26990-059
- **Maag SH75K Gear Shaper**, Loaded with Options, Max. Dia. 29.5", Stroke 9", X 15", Rack Attach., Oblique & Standard Cutting Heads, 19" Dia. Table, Steady Rest Excellent, S/N 7530
- **Fellows 6 36" Gear Shaper**, 36" Swing (Big Hole) 5" Stroke, 5" Risers 16" Hole, S/N 28660-256
- **Fellows 6A 24" Gear Shaper**, 24" Swing, 7" Rise, 5" Stroke, w/Cutter Elevation, S/N 23363
- **Fellows 72 High Speed Gear Shaper**, 7" Dia., 1" Riser, 2" Stroke, 510-1620 SPM, S/N 23866
- **Maag SH-100Z 100" Rack Shaping Machine**, S/N 5814



**FELLOWS 36-6 36" Gear Shaper**



**FELLOWS 100/200 Special 200" Gear Shaper**



**FELLOWS 6, 36" Special Large Bore Gear**



**FELLOWS 100" Gear Shaper**



**MAAG SH75K Gear Shaper**



**FELLOWS 6A 24" Gear Shaper, w/Cutter Elevation**



**FELLOWS 72 High Speed Gear Shaper**



**MAAG SH-100Z 100" Rack Shaping Machine**

## BORING MILLS

- **Giddings & Lewis 36 CNC Vertical Boring Mill**, Live Milling, Pallet Changer, 38" Diameter Table, 37" Under Rail, 30-Station Auto. Tool Changer, 25 HP Spindle Motor, #50 Taper, Table Speeds 5-600 RPM, Live Spindle Speeds 15-2200 RPM, Pallet Shuttle, Fixed Rail, Risers, Chip Conveyor, G&L 8000 CNC Control, S/N 511-0142-90
- **Nomura B100BT2 4" Table Type Horizontal Boring Mill**, X-57", Y-50.75", Z-43.87", 45" x 55" T-Slotted Table, 11,000 Lbs. Max Table Cap., 21-1200 RPM, 50 Taper, Power Drawbar, 20 HP, S/N 3544
- **Wotan B105120M 4.1" Table Type Horizontal Boring Mill**, X-70", Y-51", Z-23.5", W-59", 55" x 43" T-Slotted Table, 2000 RPM, Newall DRO, 50 Taper, 20 HP, S/N 50068



**GIDDINGS & LEWIS 36 CNC Vertical Boring Mill**



**NOMURA B100BT2 4" Table Type Horizontal Boring Mill**



**WOTAN 4.1" Table Type Horiz. Boring Mill**

## GRINDING MACHINES

- **Campbell ER-5468-245 Vertical Grinder**, Swing 68", x 54", Z 24", Spare Spindle, Low Hours, Newall DP8 Dro, 54" T-Slot Table, Rail 12"-48" Clearance, Bottom of Table to Spindle, 24" Actual Grind Cap. (No Robot), S/N 77-78
- **Landis 14 x 72 OD Surface Grinder**, Swing 18", Center to Center 72", Micro Feed, 31" Wheel, Auto Lube, S/N 742
- **Thompson Surface Grinder**, 8" x 24" Magnetic Chuck, Auto Coolant, S/N BO-7613544
- **Ex-Cell-O #35 Thread Grinder**, S/N 1949
- **Heald #174 Internal Grinder**, Sony Magnescale LF-200, 39-1/2" Dia. 4 Jaw, S/N 28328
- **Cincinnati #2 Tool and Cutter Grinder**
- **Barber Colman 3HS Hob Grinder**, Max. Hob Swing 4", Stroke 4" Automatic, Work Arbors, S/N 68-0005
- **Barber Colman 10-12 Hob Grinder**, Max. Hob Swing 10", Stroke 12" Automatic, Work Arbors, S/N 568
- **(2) Heald 72A & 72A5 ID Grinders**
- **Arter A312 Rotary Surface Grinder**, 13" Chuck
- **1981 Gleason 120 Gear Curvic Coupling Grinder**, 0.375" x 40, S/N 781391, Free Loading, **(Location: Huntington Park, CA)**



**CAMPBELL Vert. Grinder**



**EX-CELL-O #35 Thread Grinder**



**BARBER COLMAN Hob Grinder**



**GLEASON 120 Gear Curvic Coupling Grinder**

## MACHINE SHOP EQUIPMENT

- **Mitts & Merrill 3HFRDKS Keyseater**, 2" Max. Key Way, 12" Stroke, Depth Indicator, Feed Rate Control, Wedges Drawbars and Posts, S/N KM7712
- **36" x 432" Poreba TPK-80 Engine Lathe**, 32" 3-Jaw Chuck, 432" Distance Between Centers, 3.75" Spindle Bore, (3) Steady Rests, 30 HP, S/N 1179-31
- **Warner & Swasey 4AM-3550 Turret Lathe**, Swing 27.5", X 10", Z 53", 6 Head Rapid Traverse, 9" Bore Flange for Extra Truck Chuck, 2" 4 Jaw, S/N 86225
- **Mori Seiki SL-7A CNC Turning Center**, 31.5" Swing, 69" Center Distance, 22" X-Axis Travel, 60" Z-Axis Travel, 4-Jaw Hydraulic Chuck, 12-Station Turret, Chip Conveyor, Fanuc 6T CNC Control, S/N 253
- **Lees Bradner HT 12x24 Thread Mill**, Heavy Duty, 12" x 24", Extra Spindle, S/N HT-800
- **Lees Bradner HT 12x24 Thread Mill**, Heavy Duty, 12" x 24", S/N HT-854
- **Cincinnati Bickford 4' Radial Arm Drill**, 13" Column, 12-1500 RPM, 31 x 36" T-Slot Box Table, 3 Jaw Chuck, S/N 3NE80
- **Carlton 5' Radial Arm Drill**, Quick Tap Feature, 12" Column, 60-3000 RPM, 24" x 30" Box Table, 18" x 24" Table, S/N 1A-4302
- **American 6' Radial Arm Drill**, 15" Column, 20-1600 RPM, S/N 67016
- **Cincinnati Vertical Milling Machine**, X 24", Y 14", Z 38", 16" x 72 T-Slot Table, Accu-Rite II Dro, Dovetail ways, 16-1600 RPM, S/N 310523P-75-000
- **OKK MH-3P Horiz. Milling Machine**, X 15", Y 12", Z 38", Support Stock, R Angler Head, Accu-Rite III Dro, 14" x 65 T-Slot Table (No Dividing Head)
- **Milwaukee Horizontal Milling Machine**
- **Mitutoyo BRT910 CMM**, w/Updated Software, Purchased 2013, 68" x 46-1/2" Table, Z-Axis 21.70", Y-Axis 39.37", X-Axis 35.45" Renshaw PH9 Probe, Renshaw PH10 Pendant & Mitutoyo Controls, Upgraded Cosmos Software, CPU
- **Rockford 36" Slotter**, 36" Stroke, Hyd. 42" T-Slot Table, Push Button Control, S/N 56SL25
- **Sunnen MBB1290C Hone**, S/N 1781



**MITTS & MERRILL Keyseater**



**POREBA TPK-80 Engine Lathe**



**LEES BRADNER HT Thread Mill**



**MITUTOYO BRT910 CMM**



**ROCKFORD 36" Slotter**

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**LOCATION:**  
500 So. Portland Street, Seattle, WA

**Maynards**  
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21700 Northwestern Hwy.  
Suite 1180  
Southfield, MI 48075



**CAMPBELL** Vertical Grinder



**PFAUTER** RS-3V Universal Gear Hobber



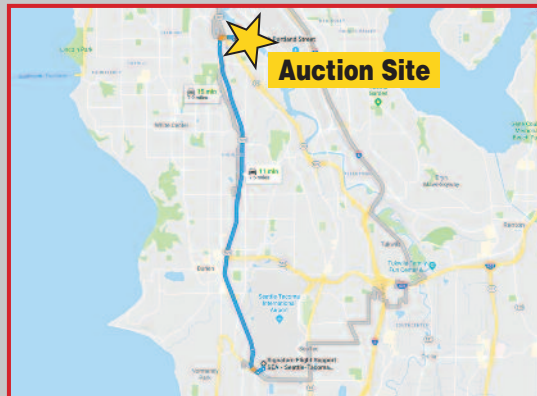
**G&E** 48HWD 48" Gear Hobber



**FELLOWS** 200" Gear Shaper

**TERMS & CONDITIONS | PAYMENT:** 25% NON-REFUNDABLE DEPOSIT ON AWARD OF BID, BALANCE WITHIN 24 HOURS. PAYMENT IS CASH, CASHIER'S CHECK, CERTIFIED CHECK, WIRE TRANSFER, COMPANY CHECK ONLY IF ACCOMPANIED BY A LETTER FROM YOUR BANK GUARANTEEING AMOUNT OF CHECK FOR DEPOSIT AND/OR PAYMENT IN FULL. NO PERSONAL CHECKS. FULL PAYMENT MUST BE MADE BEFORE REMOVAL OF PURCHASE. EVERYTHING IS SOLD "AS IS, WHERE IS". ALL SALES FINAL. COST AND RESPONSIBILITY FOR REMOVAL OF PURCHASE REMAINS WITH THE PURCHASER. EVERY EFFORT WILL BE MADE TO FACILITATE REMOVAL. WHILE QUANTITIES AND DESCRIPTIONS ARE BELIEVED TO BE ACCURATE, THE AUCTIONEER, OWNERS OR COUNSEL MAKE NO WARRANTIES OR GUARANTEES EITHER EXPRESSED OR IMPLIED AS TO AUTHENTICITY, GENUINENESS OF, OR DEFECTS IN ANY LOT AND WILL NOT BE HELD RESPONSIBLE FOR ANY ADVERTISING DISCREPANCIES OR INACCURACIES. NO WARRANTIES WHATSOEVER ARE MADE AS TO CONDITION MERCHANTABILITY OR FITNESS FOR USE OF ANY ITEM. MAY WE SUGGEST YOU TAKE FULL ADVANTAGE OF THE PREVIEW AND INSPECTION PERIOD. **SALE SUBJECT TO ADDITIONS, DELETIONS & PRIOR SALES. PLEASE CHECK AVAILABILITY OF EQUIPMENT.**

An Online Buyer's Premium of 18% will be charged on all successful bids.



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