

PEKO Facilities List



CNC Milling Equipment

Bridge Mills

- (1) MIGHTY VIPER PMC 4127 (106"X161"X42")
- (1) AWEA SP3016 (63X120X40in)
- (1) Acura Seiki Bridge (50inx100inx20in)
- (1) AWEA VP2012 (47.2X78.7X30in)
- (1) VIPER PRO 3150 (61"x120.5"x31")

Horizontal Boring Mills

- (1) MIGHTY VIPER PBM-135A (98x78x59)
- (1) MIGHTY VIPER PBM-115A (79x63x59)
- (1) PBR 2000 (98.4X59X59)

Horizontal Mills (multiple pallets)

- (3) Makino A81Horizontal (35x31x40)
- (2) Makino A82Horizontal (43.3x32.3x40.1)
- (1) Makino A71Horizontal (31x29x30)
- (1) Kitamura HX630i Horizo.(41x33x35)
- (1) Kitamura HX500i Horizontal (34"X28"X26")
- (2) HYUNDAI-KIA KH636 Horizontal(37X32X30)
- (1) Mori Seiki SH63 Horizontal (31x30x33)
- (1) Akari Seiki HS450i Hori,6 pallet (25.2x24x26)
- (1) Mori Seiki SH500 Horizontal (25x24x25)
- (6) Mori Seiki SH50 Horizontal (25x24x25)
- (1) Mori Seiki SH40 Horizontal (20x20x20)
- (1) Mazak, HTC 400 Horizontal (18x18x18)
- (1) Kitamura HX400iF Horizontal (28.9x24x24)

5 Axis Mills

- (2) Mazak 5 Axis VC-500A (19.8"X19.8"X20")
- (1) Kitamura HX630i Horizo.5 Axis(41x33x35)

Vertical CNC Mills

- (1) Haas VF9 (40x84x30)
- (1) Haas VF8 (40x64x30)
- (1) Mazak VTC-250D/50(25X69X22)
- (2) Mori Seiki MV65 (25x60)
- (1) Hardinge VMC1250 (26X50X25)
- (2) Hardinge XR 1000 (24X40X24)
- (1) Hardinge GX 1000 (24X40X22)
- (5) Hardinge VMC1000 (20X40X20)
- (2) Mori Seiki MV40 (20x30) Junior
- (1) Mori Seiki SV50 (20x30)
- (1) Mori Seiki SV400 (23.6x17)
- (1) Mori Seiki CV500 (20x20)
- (5) Mori Seiki MV40E (16x22)
- (1) Haas Mini Mill (16x12x12)
- (2) Haas TM2 Mill (20x40x16)
- (7) Hardinge-Bridgeport Ser-1 CNC
- (2) RoboDrill Mate High speed (16"x12"x13")

CNC Turning Equipment

- (1) Star, SR 32J (7 Axis w/ auto bar feed)
- (1) Star, JNC 25 (1.25" cap. w/ auto bar feed)
- (1) Star, RNC 16 (0.5" cap. w/ auto bar feed)
- (1) Haas ST-30SSY 4 Axis (32" swing)
- (1) TAKISAWA TMM-250 8 Axis (30" swing)
- (1) DAEWOO PUMA 2000SY 6 Axis (23" swing)
- (1) Hardinge, Elite 8/51 3 Axis with bar feed
- (1) Hardinge, Elite 8/51 3 Axis with sub-spindle
- (1) Daewoo Puma 8HC
- (1) Daewoo Puma 400B 22" dia. x 41.5"
- (1) Hitachi Seiki, 3NE-300
- (1) Mazak QTN-350-my-l1 4 Axis 29" swing
- (1) Leadwell LTC-35CL 31.5" swing X 60" lg.

Manual Turning Equipment

- (1) Harrison, (w/ DRO, 21" dia. x 72")
- (1) Monarch (35" dia. x 168")
- (2) Hardinge HLVH Tool Room (w/ DRO)
- (2) Hardinge Chucker (1" cap. x 9" swing)
- Hardinge 2nd Op Turret Lathe (1" x 9")
- (2) Victor, (29" dia X 120 ")

Wire EDM

- (1) Sodick 5 axis 23"x15"x14"
- (1) Sodick 5 axis 15.7"x11.8"x10"
- (2) Sodick 5 axis 12"x8"x8"
- (2) EDM Hole Popper15.75x25.75

Manual Milling Equipment

- (16) Bridgeport (7 with CNC)
- (1) Devlieg Jig Mill

Jig Bores

- (1) Moore (#1.5)

PEKO Facilities List – continued



Grinding Equipment

- (1) Royal Master (4" x 12" centerless)
- (1) Kent Surface (18" x 40")
- (1) Jones & Shipman Surface (8" x 18")
- (2) Harig Surface (6" x 12")
- (1) Reid Surface (6" x 12")
- (1) Myford Cylindrical (6" x 12")
- (1) Moore Jig Grinder
- (2) Harig Surface (6" x 18")
- (1) Chevalier (8" x 18") Wet

Sawing

- (1) Wagner Automatic Cut-Off
- (1) Marvel Vertical Cut-Off
- (1) Doall Horizontal Cut-Off
- (2) Hem Automatic saws
- (1) Grob Band Saw

Miscellaneous

- (1) Blue M Electric Furnace
- (1) Dake 50 Ton Hydraulic Arbor Press
- (1) Miles 4 Ton Vertical Broach
- (1) Cogsdill CX2 Roller Burnisher
- (2) Bracker Orbital Riveting Machine
- (1) Haeger HP6-C Hardware Insertion Press

Stamping / Sheet Metal & Welding

See Martec Facilities List

Engineering

- (8) Pro-Engineer
- (8) Solidworks
- (12) Inventor
- (5) AutoCad
- (1) Unigraphics 3D (NX)
- (1) MicroCAD
- (6) Gibbs Cam Programming sys.
- (1) DNC system
- (2) Parlec Tool Pre-setter

Wire Harnessing Equipment

- 1.5 Terminating machine with stripping
- WC500 high speed wire and tubing cutter
- C300 rotary head wire stripper
- LS series cable stripper
- Zap-25-T pneumatic crimper
- Zap-100-T pneumatic crimper
- PPS standard profile (din rail) cutter
- MPT-200A wire crimp pull tester
- 200M thermal transfer printer
- 200MVP thermal transfer printer
- Wraprot wire ID thermal printer applicator
- PC cable-check 1570 cable tester
- (6) hand crimp tools for solderless terminals

Inspection

- (5) Coordinate Measuring Machines (CMM)
 - B&S Global Performance (27x39.7x26)
 - B&S Global Image 9-9-8 (35x35x31)
 - B&S Xcel 9-15-9 (41x82x35) PCDMIS w/PH10
 - B&S DCC Gage (22X30X19) PCDMIS
 - B&S Xcel DCC w/scanning (35x59x35)
- Note: B&S's full CAD capability w/data export
- (2) Faro Platinum 8 ft.
- (4) Romer Arms 13 ft.(2) 8 ft. & 4 ft.
- (2) Optical Comparator
- (9) Tesa-hite up to 24"
- (3) Micro-hite 900
- (2) Micro-hite 600
- (67) Granite Surface Plates up to 96x48
- (2) Surfometer
- (1) Densitometer
- (1) Rockwell Tester w/A,B,C,15N&30N Scales
- Extensive Electrical and Open Plate I&T Equipment

Calibration

- (2) Master Gage Block Sets Grade AS1 up to 10"
- (3) Torque Analyzers
- (1) Bench Mic w/amplifier (20um)
- (1) Indicator Checker
- Master Set Plugs including THD Ring

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Martec Facilities List

PEKO SHEET METAL OPERATIONS



LASER

- (1) Prima Domino 4000 watt 60x120 5-axis production laser system
- (2) Amada Pulsar 1212, 2000 watt production laser system

PUNCHING

- (1) Amada Vipros Queen 357 CNC turret press with 58 tool cap. incl. auto index stations
- (1) Amada Vipros King 2510 CNC turret press with 31 tool capacity including 3 auto index stations
- (1) Amada SPH-30C 33 ton CNC auto gage punch press
- (1) Togu III Equipmen 2 Tool Grinding

FORMING

- (3) Amada 10' 137 Ton 8 Axis with FBDIII Amada control
- (1) Amada 10' 110 Ton 8 Axis with FBDIII Amada control
- (1) Amada FBD 80 8' 80 ton 8Axis with FBDIII Amada control
- (1) RAS 76.30 10.5 ft Folding system
- (1) Amada RG 50 6' 55 ton with NC9-EX back gage press brake
- (1) Connecticut 30 ton 6' capacity press brake
- (1) Amada power roller leveler and straightener
- (1) Diacro roll form 24" capacity
- (1) Pexto roll form 21" capacity

Scotchman Ironworker

6/19/17

SHEARING

- (1) Amada 8' x 1/4" capacity power shear with CNC back gage
- (1) 6" hydraulic notcher

WELDING

- (1) OTC FD-V6L 2- station (turntable & trunnion) 6 axis Robotic welding Sys.
 - (7) Tig welding machines
 - (4) Mig welding machines
 - (1) Manual plasma cutting machine
 - (1) 2.5 KVA Resistant spot weld machine
 - (1) 15 KVA portable resistant spot weld machine
 - (1) 20 KVA resistant spot weld machine
 - (1) 23 KVA Handheld spot welder
 - (1) 50 KVA resistant spot weld machine
 - (1) 100 KVA resistant spot weld machine
 - (1) 150 KVA resistant spot weld/projection welding machine
- Capabilities for oxy-acetylene welding, brazing, & soldering.

STAMPING

- (1) 300 ton Smeral straight side punch presses (with coil feed straightener)
- (1) 110 ton Brown & Boggs OBI punch press with air cushion
- (1) 70 ton Blow OBI punch press (with coil feed & roller straightener)
- (1) 60 ton Clearing OBI punch press with air cushion
- (1) 35 ton Minster OBI punch press (with coil feed & roller straightener)
- (2) 32 ton Bliss OBI punch press (with coil feed & roller straightener)



Martec Facilities List - continued
PEKO SHEET METAL OPERATIONS



DEBURRING

- (1) 42" Surface finishing/deburring machine
- (1) Vibrohone 2.5 cubic foot vibratory finishing machine
- (5) Misc. disc and belt grinding and deburring equipment

TOOL ROOM MILLING & BORING

- (5) Bridgeport vertical milling machines
- (1) Moore No. 1 1/2 bore (with grinding attachments)

TURNING

- (1) Clausing Colchester 15" x 36" lathe
- (1) Maxturn 13" x 36" lathe
- (1) Victor 29" X 120" Lathe
- (1) Hardinge precision tool room lathe

GRINDING

- (1) Nicco wet surface grinder 6" x 18"
- (1) Harig surface grinder 6" x 18"
- (1) Reid surface grinder 6" x 18"
- (2) Harig surface grinders 6" x 12"

CUTTING

- (1) Wells horizontal cut off saw 14" capacity
- (1) Grob vertical band saw
- (1) Abrasive cut-off
- (1) Kalamazoo model 300 cold saw

MISCELLANEOUS

- (3) Pem insertion presses
- (1) Superior honing machining (.062 - 2.500 capacity)
- (1) Hamilton sensitive tapping machine

INSPECTION

- (1)Helmel 38" x 48" x 20" coordinate measuring machine with Hewlett-Packard computer assist with Geomet 300 Software.
- (1) Virtek QC1200 Laser measurement scanner. 48"X48"
- (1) Rockford model 10A - R6 Rockwell tester.
- (1) Wilson superficial hardness tester.
- (6) Mititoyo 24" digital height gages
- Miscellaneous torque and force gages, thread gages, bore gages, pin and plug gages, etc.

Powder coat line

GAT conveyORIZED powder coating line to cover panels as large as 5 foot x 9 foot

Wet Paint Booth & Silk Screening

6/19/17