

INDUSTRIAL TIMES

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\$2.95

February 2014

IN PLANT, UNDER POWER



DAEWOO PUMA VAW550



2005 FADAL 65 X 35



1999 Okuma MX-45 VAE VMC



1998 Eurotech 710-SLL CNC

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MONA Featured Equipment



Machine Tools Featured This Month



Boehringer CM 320 Crankshaft Milling Machine, 2004
1000 mm cc, ROHM Chuck & Steady Rest, Chip Flume, CE Mark



**Nissin NMC-160,
CNC Milling & Centering Machine**
20" x 60", Fanuc 11T Control, Coolant, Chip
Conveyor, Hydraulics



**Mazak Slant Turn 50N/2000U
CNC Turning Center**
Mazatrol T-32 Control, Chip Conveyor,
Coolant, Chiller



**Mitsubishi PB45B-200P 17" x 80" CNC
Grinder, 1999**
Fanuc 18-T, Coolant, Paper Fil, Control
Gage, Glass Scales on X

MITSUBISHI PB45B-200P, 1999, CNC Grinder 17" X 80" Mazak Slant Turn 60N/2000U, CNC Turning Center 10" Bore
CINCINNATI # 350-20, 1991 Centerless Grinder
CINCINNATI # 2, 1952 Centerless Grinder
ZEMA NUMERIKA NO. G800, CNC Grinder 275mm X 800mm
(2) HEALD NO. 271, Internal Grinder, 5" Depth, 5.5" Diameter
NISSIN NO. NMC-160, CNC Milling & Centering Machine

2) Amada HFA 500S, 1995 Horizontal Band Saw
Hannifin F-500A, 50 Ton Straightening Press
Fanuc/Lincoln No. 100I Arc Mate, 1997 Robotic Welding System
Yasnac/Miller No. ENCM-RM 6015, 1995 Robotic Welding System
Dake Model V16, Vertical Band Saw
Burr King Model 760, 1994 Belt Sander

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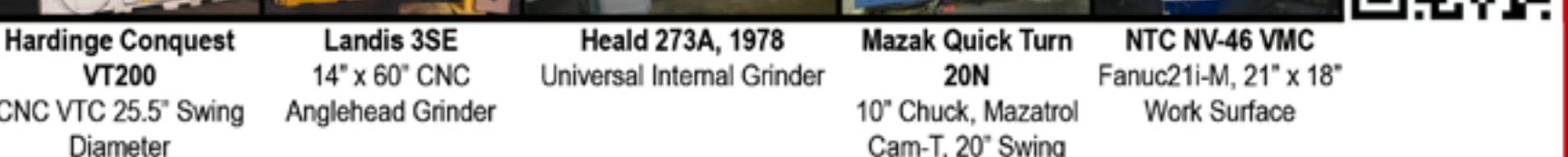
**Hardinge Conquest
VT200**
CNC VTC 25.5" Swing
Diameter



**Landis 3SE
14" x 60" CNC
Anglehead Grinder**



**Heald 273A, 1978
Universal Internal Grinder**



**Mazak Quick Turn
20N**
10" Chuck, Mazatrol
Cam-T, 20" Swing



NTC NV-46 VMC

**Fanuc21i-M, 21" x 18"
Work Surface**



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59" to 157" "Y";

43" to 118" "Z";

23.6" to 39.4" "W";

Rotary tables 6 to 40 Ton or Pallets



Th5 Series 5-axis High Speed Machining Centers

Spindle: 6000 rpm / 1000 Nm or 10000 rpm / 400 Nm

79" to 118" "X"; 79" to 98" "Y";

79" to 98" "Z";

2-4 pallets 79"x79", 12 Ton

ATC up to 300pos., change time 5 sec



MX Series Floor Type Boring and Milling Machines with or without Ram

13" to 98" "X";

78.7" to 197" "Y";

59" to 75" "Z";

Boring Spindle 5.1" to 6.3"

Automatically Changeable Heads:

5-axis/ Universal / Facing Heads

Rotary tables 20 Ton to 150 Ton



MG Series Rotary Tables

SKC or Hydrostatic Guideways

6 to 150 Ton

39.4" x 39.4" to 197" x 236"

59" to 197" "V";



MP RAM Series Heavy Duty Hydrostatic Floor Borer

Boring Spindle 5.9" to 9.8"

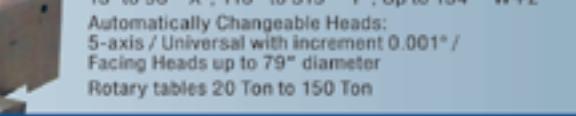
13" to 98" "X"; 118" to 315" "Y"; Up to 134" "W+Z"

Automatically Changeable Heads:

5-axis / Universal with increment 0.001° /

Facing Heads up to 79" diameter

Rotary tables 20 Ton to 150 Ton



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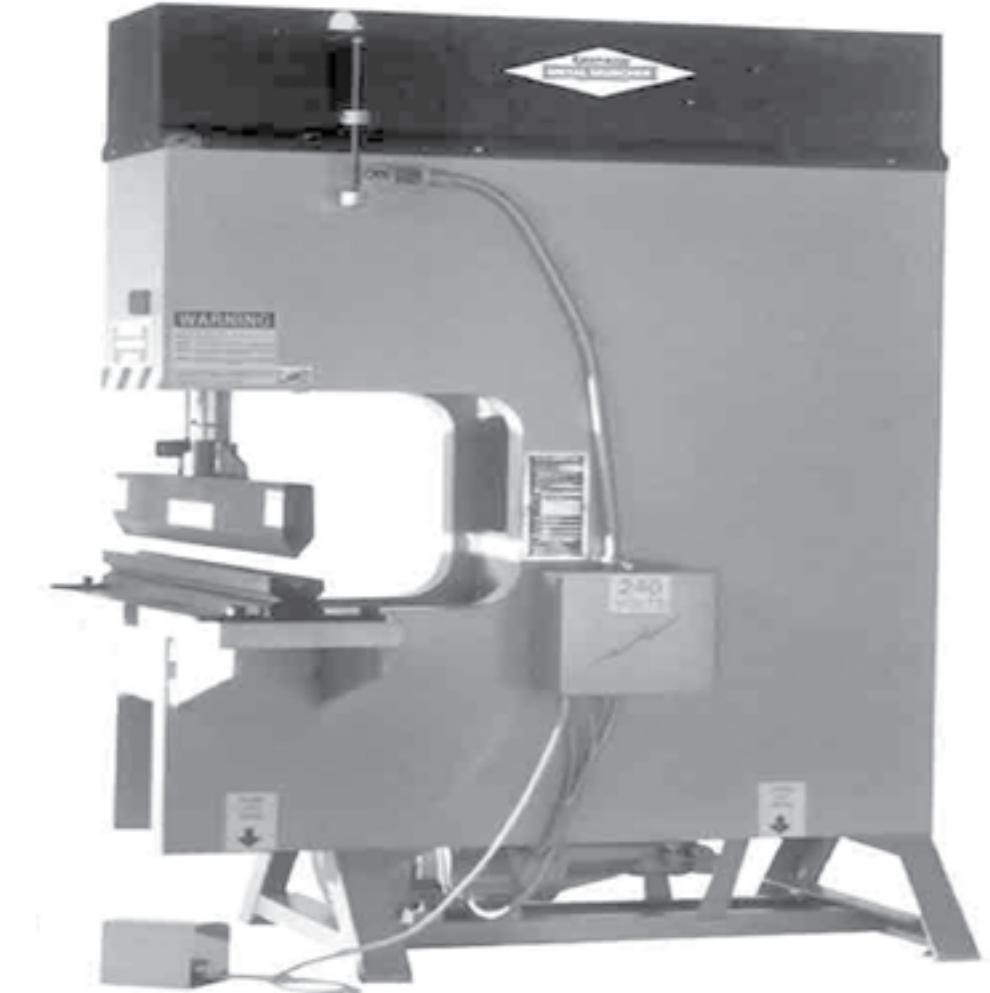
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Axis, 36" Spindle Travel, A. B. Series 9



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Degree Base Wing



LODI MODEL RVLPH800
AUTOMATIC PROGRAMMABLE
FACE GRINDER, (1998)



CARLTON 5' ARM X 13" COLUMN
RADIAL DRILL, 15-1,500 RPM, Feeds
4 -125, Power Clamping



Maho MH700 S, 4 Axis Universal
Machining Center, X: 27.6", Y: 19.7", Z:
23.6"



LODI MODEL RVP1200C
PROGRAMMABLE VERTICAL SPINDLE
ROTARY SURFACE GRINDER, (1998)"

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- Motor: 2 HP, 110/220V, Single Phase, TEFC
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- Table travel (longitudinal): 30 3/4"
- Max. dist. spindle to table: 18"
- Max. dist. spindle to column: 20"
- Knee travel: 16"
- Head tilt: 45° both ways
- Head swivel: 90° both ways
- T-slots: T-slots: Three 1 1/8" slots, 2 1/2" on center
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- Maximum working width: 50"
- Maximum sheet metal thickness: 16-gauge mild steel at full width
- Maximum height of pan/box sides: 2"
- Minimum reverse bend: 1/8"
- Maximum bending angle: 135°
- Overall dimensions: 63" W x 44 1/4" H x 38" D
- Approximate shipping weight: 945 lbs.



T10718 ONLY \$1475⁰⁰

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- 4 HP, 220V, 3-phase, 11A motor
- 8" rubber contact wheel
- Quick release belt
- 3" x 20 1/2" graphite-backed platen
- 3" x 79" belt size
- Work stop for use with the platen
- Work rest for use with the contact wheel
- Overall size: 39" W x 22 1/2" D x 48" H (head raised)
- Approximate shipping weight: 248 lbs.



G0489 ONLY \$795⁰⁰

13" x 40" GEAR-HEAD FLOOR LATHE

- Swing over bed: 13"
- Swing over gap: 18 1/4"
- Swing over saddle: 7 3/4"
- Distance between centers: 40"
- Bed width: 7 1/4"
- Hole through spindle: 1 1/4"
- Taper of spindle nose: MT#5
- Spindle nose: D1-4
- Cross slide travel: 6 1/4"
- Compound travel: 2 1/4"
- Tailstock barrel taper: MT#3
- Tailstock barrel travel: 3 1/4"
- Number of speeds: 8
- Range of speeds: 70, 115, 190, 300, 460, 755, 1255, 2000 RPM



G9036 ONLY \$4795⁰⁰

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- Dust collection motor: 1 1/2 HP, 110V
- Blast compartment door size: 37 1/2" wide x 29 1/4" tall
- Overall dimensions: 51 1/2" wide x 69 1/2" high x 47" deep
- Working pressure: 60–125 PSI
- 125 max. PSI @ 5–35 CFM
- Approximate shipping weight: 436 lbs.



G0714 ONLY \$1295⁰⁰

PROFESSIONAL PLANISHING HAMMER

- Detailed instruction manual
- Overall dimensions: 62" H x 30 1/4" W x 34 1/4" D
- Frame tube size: 4" x 4"
- Throat: 24"
- Head opening: 2 1/2"
- Air requirements: 15-120 PSI
- CFM requirements: 12
- Blows per minute: 4,600
- Height adjustment: 1 1/2"
- Includes a water filter, regulator and in-line oiler unit
- Approximate shipping weight: 213 lbs.



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MILLS:

#2 Cincinnati Vert Mill, Sgl Dial, #50, Power Feed & Rapids in all directions
Supermax Vertical Mill, 2 HP Step Pulley, 9"x 42"Table, 2720 RPM Max,
Power Down Feed, Swivel / Tilt Head, Hand Feed *NOTE* Sony DRO Shows
4" Nomura WP100, 1982, DRO, 1200 RPM, #50 Taper, 72"Vert, 96"Cross
Bridgeport 1-1/2 HP, 9"x42"Tbl

DRILLS:

6 Spindle Allen Sensitive, 10,000 RPM Spindles, 16"x 68"Table
4'x 11" Caser Radial, Power Clamp, #5 MT, 1800 RPM, 10" Quill, Very Nice,
30" Allen Drill Press, #3MT, 24"x 34"Tbl, Sliding Head, Adj Table, Power
Speeed Control, Auto Tap Reverse
4'x 10" Willis Bergo Radial Drill, Model TR40, Power Clamp, #4 MT, New Box
Table, Very Quiet, Clean Column

CNC:

Droop & Rein CNC Mill, FS-130 GKE, X:80", Y:40", Z:35", Retro 2000's
with Fidia, 3500 Max RPM, 30 HP, 50 Taper, Quill Adj, GOOD OPERATING
CONDITION
28"x 80" Zimmerman CNC Vert Milling Machine, Heidenhain TNC155
Control, 30"Y, 78"X, Swivel Head, Direct Drive, 6000 RPM, Z Axis Quill Travel
Mazak M5 CNC Lathe, Power Turn, Fanuc Control, 1980, 75 HP, 30" Swing, 84"
Centers, Tailstock, Front & Rear Indexing Tools,
YAM CNC Lathe, 1991, Fanuc CNC, 6" Chuck, Tailstock, Chip Conveyor

LATHES:

26"x 84" Clausing Lathe, 3-1/2" Hole, D1-11 Spindle Nose, 16" 3-Jaw
Universal Chuck, 18-1400 RPM, Inch / Metric Threading, Hardinge Spring
Collet Attachment, 3 Axis DRO with 1 Axis on Compound, Rear Guard, Chip
Pan, #5 MT Tailstock, Aloris Toolholders, Worklight, First Class Condition
14"x 30" Hendey Lathe, 3 Jaw Chuck, runs good
18"x 60" Acratum Lathe, Hard Ways, D1-8 Spindle Nose, 3-1/8" Spindle Hole,
1500 RPM, Inch / Metric, Foot Brake, 12" 3-Jaw Chuck, Coolant Tank & Pump
17"x 72" LeBlond, Servo Shift, 1500 RPM, 1970's, Runs Quiet, Tooling
15"x 40" Cincinnati Lathe, Geared Head, Tooling, Good Runner
15"x40" Clausing Colchester, Hard Ways, Tooling

Contact: **Ray Watkoski**

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SAWS:

Amada #250 Auto Feed Hor Bandsaw, Coolant, 480 V, Parts Counter

PRESSES:

75 Ton Bliss #23 OBI Press, Minster AC & Brake, Flywheel Drive, 24"x 32" Bed,
24"x 17" Ram, Dual Palm Buttons, 4" Str, 10" SH, Air Counter Balance,
75 Ton Danly Press, Back Geared, Air Clutch & Brake, 4" Stroke, 15-1/2" SH, 3"
Adj, 40 SPM, 24"x 36" Bed, 24"x 36"x 4" T Slotted Bolster, Auto Lube,
Brown & Boggs 60 Ton Gap Frame Press, 1985, S/N 95125, Air Clutch &
Brake, 90 SPM, 22"x 32" Bed, 5" Stroke, 10" SH, Ram Area 21" R-L x 16" F-B,
22"x 32"x 2" T Slotted Bolster, TQM Press Monitor, Trabon Lube, Ram Air
Counterbalance, Light Curtains, Very Modern, Exc
110 Ton Danly OBI, Air Clutch & Brake, 12" Stroke, 24" SH, 45 SPM, Air
Cushion, 27"x 42" Bed Area, 17" R-L x 18" F-B Ram Area, Dual Palm Buttons

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60" Blanchard Rotary Surface Grinder, Full Chuck, 75 HP, 1968, Very Nice, IN
PLANT UNDER POWER
10"x 24" Gallmeyer & Livingston Surface Grinder, Model 360, Auto Down
Feed, Rapid Up & Down, Coolant, 1970's
14"x 32" Jakobsen Hyd Surface Grinder, Auto Down, 12" Wheel, Coolant, 12"
Under Wheel, Rapid Traverse, 1980
12"x24" Okamoto, Auto Downfeed, Full Chuck,
6"x 18" Boyar Schultz, Hand Feed, NICE

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11" Flat at 90°
6 7/8" Round at 45°
6" Pipe at 45°
7 1/4" Flat at 45°

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Model 1800

11" Round at 90°
10" Pipe at 90°
14" Flat at 90°
11" H x 10" W at 90°
9" Round at 45°
8" Pipe at 45°
9" Flat at 45°
11" H x 6" W at 45°

\$3199

Model 4000

13 1/2" Round at 90°
12" Pipe at 90°
22" Flat at 90°
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12" Pipe at 45°
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13" H x 13" W Tube at 45°

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(2) Komatsu Rasor Plasma Cutters
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2: 120 Amp Komatsu Plasma Cutter Model #JU1201



1989 Fadal 4020 VMC



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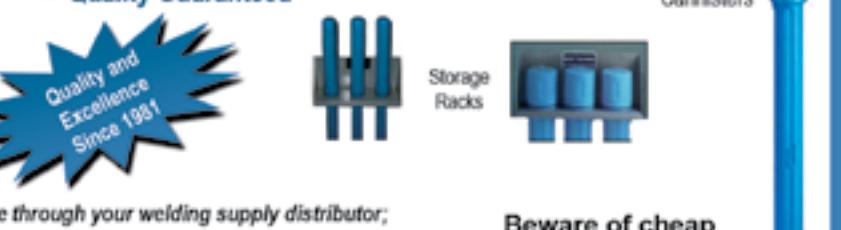
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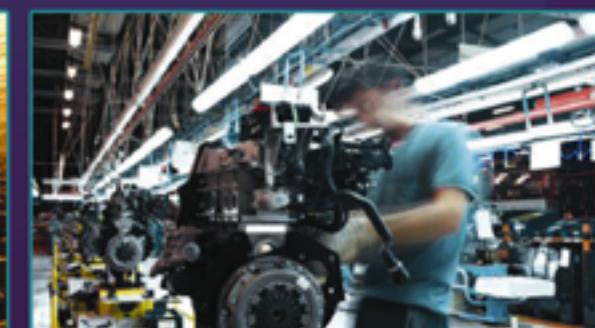
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February 25th and 26th

Starting at 10:00AM

Inspection: One day prior to sale from 9:00AM- 4:00PM

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GN Industrial Argon/Hydrogen Coating Furnace, TI Coating Hydrogen Fluoride ION Cleaning System, Sulzer Metco
Plasma HVOF Spray System with (4) Guns, Mass Flow Equipment,
Excello Creep Feed Grinder, Cincinnati Arrow 750 - Fadal 4020 - Deckel Maho 5 Axis & Hermle C2OU 5 Axis VMC's,
(2) Milttronics CNC Mills, (6) Sodick - Sharp-Chevalier CNC Wire & Ram EDM5,
Haas SL3OT - Daewoo Puma 15 - Nissin NST-40/12-52TSC CNC Lathes, Okuma & Howa 5H HMC,
CNC Tool Holders, Mills, Lathes, Universal Grinder, Surface Grinders, Band Saws,
Moore Jig Borer w/Accessories, Angle Head Grinder, Tool & Cutter Grinders, Drills,
Perishable Tooling, Abrasives, Magna Flux Inspection Machine,
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Manlift, Jib Cranes, Coating Tanks, Degreasers, Plant Support Equipment & Office Furniture



ONLINE AUCTION

February 27th CNC Parts Facility CLOSING

All items will be sold regardless of price! Every Lot starts at \$1.00



(8) Fanuc Spindle Driver Units



(8) Fanuc Power Units



(100+) Starters and Contactors



(70) Fanuc Motors



(50) + Okuma Circuit Boards



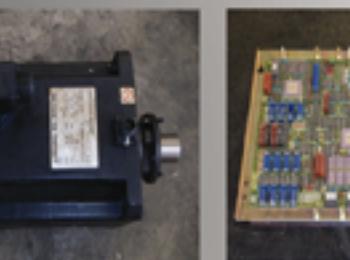
(20) + Complete Op Interfaces



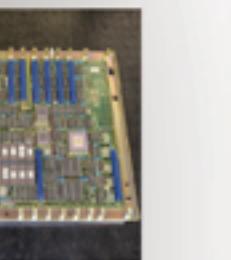
(30) + Fanuc Spindle Amps and Drives



(40) Okuma FUB Drivers



(40) Okuma Motors



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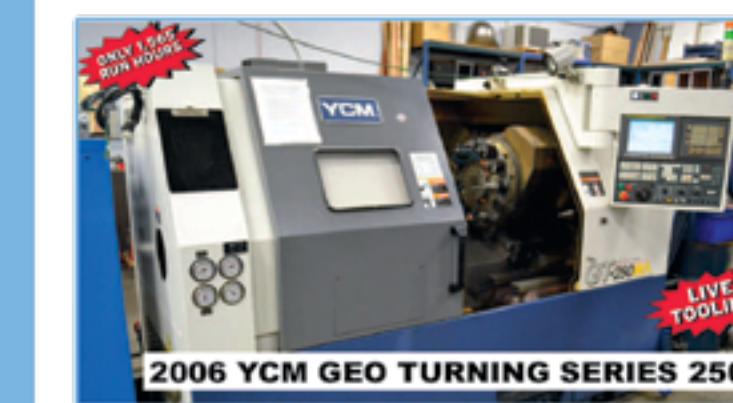
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Okuma Howa ACT2SP-2 CNC Lathe



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Moore #1 Precision Jig Grinder



TOS 26 x 144 Engine Lathe

February 25th

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1996 Mazak VTC 20C Vertical Machining Center
1993 Mazak V414/32 Vertical Machining Center
20" x 40" HITACHI-SEIKI VMC #VA-50
Jones & Shipman 4TH/5TH AXIS CNC Rotary Table

CNC TURNING:

Mori Seiki CNC Lathe AL-2 Yasnac Mx3
Ikegai FX20ii CNC Lathe Fanuc Control
Hitachi Seiki HITEC-TURN 20RIII
Okuma Howa ACT2SP-2 Dual Spindle CNC Lathe
42" Bullard Dyn-Au-Turn CNC Vertical Turret Lathe
52" SCHIESS CNC VERTICAL TURRET LATHE
Bar Feeds: FMB, Iemca, Sameca, SMW
CHIP CONVEYORS: Mayfran, Okuma, Hennig

LATHES:

Tos 26" X 144 Geared Head manual Lathe
42" x 240" Niles Engine Lathe

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Okamoto ACCUGAR 124N Surface Grinder
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Gallmeyer & Livingston 6" x 18" Surface Grinder
Studer S70 Grinder
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Hitachi Seiki VA-50 VMC



7000 Lb Allis Chalmers Lift Truck



Amada 50 ton Hyd Press Brake



(8) Superior - Sunnen Hones



Cincinnati 100 Hypowermatic Mill



Excels Thread Grinder



Featured Metalworking Auctions in this Issue!

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