

K-B Tool & Die, Inc. - Equipment List

35420 Stanley Drive, Sterling Heights, MI 48312

www.kbtoolanddie.com

Page 1 of 4

Toolroom

- 1 - Clausing Lathe, Colchester 13" swing, 60" bed, Full collet assembly, Four jaw chucks, New 1999
- 1 - Carlton Radial Drill, 3' arm, 11" column
- 1 - TPR820A Radial Drill
- 1 - Fosdick Drill Press, Table 24" x 42"
- 1 - Roll-In Saw, New 1997
- 1 - KBC Band Saw w/ Blade Welder
- 1 - KBC 20" Disk Sander
- 1 - Sweco Vibratory Finishing Machine, Model No. FM 1.2C
- 1 - Roto-Finish, Four chamber barrel finisher/polisher, Model No. DS-1
- 1 - L&R Ultrasonic Cleaning Machine, SweepZone AG
- 1 - Sonic Systems Ultrasonic Cleaning Machine
- 1 - Cyclone Dry Blast Cabinet
- 1 - Eagle/GWS - 6 Tool turret head CNC forming machine, 10" Stroke w/auxiliary clamps
- 1 - Atlas Copco GX7FF Air Compressor
- 1 - Komatsu Lift Truck- 6000 lb. capacity New 2007

Grinding Department

- 1 - Harig Surface Grinder, 6" x 18" Electromagnetic chuck, New 1989
- 1 - Harig Surface Grinder, 6" x 12" Ballway, New 1999
- 1 - Torit Dust Collector, New 1990

Bench Centers

Whirly-jig

Extensive inventory of grinding and checking equipment

K-B Tool & Die, Inc. - Equipment List

35420 Stanley Drive, Sterling Heights, MI 48312

www.kbtoolanddie.com

Page 2 of 4

Milling Department

Haas CNC VF4 Machining Center:

Table Size 52" x 20"

X axis travel= 50", Y axis travel= 20", Z axis height= 25"

Max under spindle is 29"

Automatic Tool Changer with 24 tool capacity.

30 Hp High Torque Motor; 8,100 rpm Spindle Speed

High Speed Machining Look Ahead Feature

New 2012

Haas CNC Super Mini Mill:

Table Size 28" x 12"

X axis travel= 16", Y axis travel= 12", Z axis height= 10"

Max under spindle is 14"

Automatic Tool Changer with 10 tool capacity.

15 Hp High Torque Motor; 10,000 rpm Spindle Speed

High Speed Machining Look Ahead Feature

New 2008

2 - Bridgeport Milling Machines:

#1) CNC Bridgeport/EZ-Trak CNC Equipped, New 2002

#2) CNC Bridgeport/EZ-Trak CNC Equipped, New 1997

Series 1, 2 Hp Motor, Power feed for table, Table Size 9" x 48"

Digital read out, New 1990

Haas CNC TL1 Lathe:

16" Swing by X axis travel= 8", Z axis travel= 29"

7.5 Hp motor; 2,000 rpm Spindle Speed

New 2010

1 - Dividing Head for Bridgeport

1 - Vertical or Horizontal Rotary Table

Complete line of accessories for Milling Department (ie: swivel vises, collets, etc.)

Wire EDM Department

1 - Charmilles Technology:

Robofil 290P Wire EDM w/Charmilles Control

X axis travel= 15.5", Y axis travel= 9.5", Z axis height= 8.0"

4 Axis Programming (X, Y, U, V) (Taper and Twist Expert)

New 2003

Esprit CAD/CAM software w/gear generating add-on

K-B Tool & Die, Inc. - Equipment List

35420 Stanley Drive, Sterling Heights, MI 48312

www.kbtoolanddie.com

Page 3 of 4

Press Room

PRESS TYPE		TONS	STROKE	SPM	SHUT HEIGHT	BED L-R, F-B	RAM L-R, F-B
Komatsu OBS200 w/50 Ton nitrogen cushion	New 1998	220	9.8"	25-50	18"	57" x 35"	33" x 25"
Komatsu H1F150 Hybrid AC Servo Press	New 2008	165	7.9"	30-55	16.5"	49.2" x 29.9"	27.6" x 21.7"
Komatsu H1F110 Hybrid AC Servo press	New 2006	121	5.91"	1-65	13.76"	43.3" x 26.8"	24.4" x 20.9"
Komatsu OBS80	New 1999	88	5.12"	37-75	13.8"	40" x 24"	22" x 18"
Komatsu OBS60	New 2007	66	4.7"	42-85	11.8"	35.4" x 21.7"	19.7" x 15.7"
Sutherland HCP-121 (Straight Side)	New 2013	121	7"	30-60	13.4"	34"x24"	34"x24"
Sutherland M121-2 (Gap Press)	New 2014	121	7"	35-65	15.7"	70"x26"	55"x20"
Cincinnati- Hydraulic OBS Press	New 1988	75	8"	35	14"	36" x 24"	22" x 14"
Di-Acro Hydraulic Press Brake	New 1986	35	2"	25	9"	72"	72"
Bliss OBI	New 1967	32	3"	120	9"	26" x 18"	11" x 9"
Dennison Hydraulic Press	New 1984	20	10"	20	20"	30" x 20"	15" x 8"

Material Processing

Atlas Copco rotary screw air compressor New 2004

Coe powered straightener / coil reel combo New 1992 (Completely refurbished 2006)

12" x .125" / 4000 lb. & 60" O.D. coil capacity

Coe powered straightener / coil reel combo New 1997 (Completely refurbished 2006)

12" x .125" / 4000 lb. & 60" O.D. coil capacity w/hold down arm

Coe servo roll feed 12" x .156" capacity New 2006

Coe servo roll feed 12" x .125" capacity New 1997

Coe servo roll feed 12" x .125" capacity New 1999

Komatsu lift truck 5000 lb. capacity New 2002

Loadmaster platform floor scale 5000 lb. capacity New 1987

National shear 48" x .250" capacity New 2000

P/A Industries coil reel - 1500 lb. & 42" O.D. capacity New 1992

Perfecto precision leveler 17 Roll 12" x .125" capacity New 1988

K-B Tool & Die, Inc. - Equipment List

35420 Stanley Drive, Sterling Heights, MI 48312

www.kbtoolanddie.com

Page 4 of 4

Engineering and Computer Equipment

Sun Microsystems: Sun Blade 150 Workstation (Softech 2D/3D, 2D Cimcad & 3D Surface Milling Pkg)
CAD-PC i7-4820K, NVIDIA HD 4GB, 8GB RAM (Esprit 2D/3D, CAD/CAM Software; 3D Surface Milling Pkg)
CAD-PC i5-2500K, AMD HD 2GB, 8GB RAM (Esprit 2D/3D, CAD/CAM Software; Gear Generator)
CAD-PC i5-3570K, Intel Graphics, 8GB RAM (Esprit 2D/3D, CAD/CAM Software; Wire EDM)
Various Computer Stations for tasking
Sage 50 Manufacturing Accounting Software w/ Inventory
Various Software Packages for Drawing, Painting and Word Processing
Brother HL3070 Laser Printer, Networked
HP DesignJet 500- 48" Color Plotter/Printer, Networked
1.0 Gigabit High Speed Network
Seagate NAS Storage Device, Raid 4TB

Measuring/Test Equipment

Granite Surface Plates: (2) 24" x 18" x 3"
(2) 36" x 24" x 6"
(1) 48" x 36" x 6"

Digital Read Outs, Height Gages: Metric & Decimal Conversion

Complete Line of Checking Equipment

1 - Covel Optical Comparator (10x to 25x magnification)
Angle Plates
Gage Blocks
Mitutoyo Height Gages
Mitutoyo Height Master
Starrett Surface Plates
Service Physical Tester (Rockwell Hardness Tester) Model: 8A

* Numerous other pieces of support equipment for material handling, processing, and/or safety.