

Item Name	Description	Manufacturer	Life Span	In Service	Est. Cost
<b>21" x 60" (large) Engine Lathe</b> (manually operated)	a. 21" dia. turning capacity b. 60" distance between turning centers c. 10 HP drive motor	Acra Turn Inc. <a href="http://www.acramachinery.com">www.acramachinery.com</a> Model : ATEL2160JN	30+ yrs Limited to drive motor	18 yrs (1991)	\$20,750
<b>14" x 40" (small) Engine Lathe w/ Optional Accessories</b>	a. 14" dia. turnig capacity b. 40" distance between turning centers c. 3 HP drive motor  d. Newall CSS DP8 digital readout	Acer Group <a href="http://www.aceronline.net">www.aceronline.net</a> Model : E-Lathe 1440G (1440V)  Pre-installed	20+ yrs Limited to drive motor  Unknown	7 yrs (2002)	\$11,850
<b>Vertical Mill w/ Anilam CNC Control and Power Lock Drawbar</b>	a. x-travel: 40", y-travel: 12", z-travel: 4" b. 4200 max RPM, 3 HP Spindle Motor  c. Anilam 1100M Series CNC Control (This component was added to the machine)  d. Power Lock Drawbar (This component was added to the machine)	South Bend Lathes Inc. <a href="http://www.southbendlathe.com">www.southbendlathe.com</a> Model : VML-430EVS  Anilam Inc. <a href="http://www.anilam.com">www.anilam.com</a> <a href="http://www.aceronline.com">www.aceronline.com</a> Model : 3000M  Kurt Inc. <a href="http://www.kurtworkholding.com">www.kurtworkholding.com</a> Model : TM2VS	30+ yrs Limited to spindle motor  15-20 yrs Limited to servo motor Limited to electronic parts  15-20 yrs	18 yrs (1991)  16 yrs (1993)  16 yrs (1993)	\$15,995  \$15,000  \$580
Total					\$31,575
<b>Vertical Mill w/ Anilam 2-Axis Digital Readout</b>	a. x-travel: 40", y-travel: 12", z-travel: 4" b. 4200 max RPM, 3 HP Spindle Motor  c. Anilam 2-Axis Digital Readout (This component was added to the machine)	Sharp Industries Inc. <a href="http://www.sharp-industries.com">www.sharp-industries.com</a> Model : LMV-50  Anilam Model : Wizard 111	30+ yrs Limited to spindle motor  Unknown	9 yrs (2000)  9 yrs (2000)	\$15,995  \$995
Total					\$16,990
<b>Vertical Bandsaw</b>	a. 14" Capacity b. Built-in Welder c. 1 HP Motor	Rutland <a href="http://www.shoprutlandtool.com">www.shoprutlandtool.com</a> Model : 26680360	15+ yrs	18 yrs (1991)	\$2,656
<b>Horizontal Bandsaw</b>	a. 7" x 12" Capacity b. Heavy-Duty Wet c. Spedd 56 260 FPM d. 3/4 HP Motor	Rutland <a href="http://www.shoprutlandtool.com">www.shoprutlandtool.com</a> Model : 26734995	15+ yrs	18 yrs (1991)	\$1,850
<b>TIG Welder</b>	a. AC/DC Constant Power Supply	Miller Electric Mfg. Corp. <a href="http://www.millerwelds.com">www.millerwelds.com</a> Model : Syncrowave 250	20+ yrs	17 yrs (1992)	\$5,030
<b>Plasma Cutter</b>	a. 2500 W, 12 A, up to 1/8" Thk.	Miller Electric Mfg. Corp. <a href="http://www.millerwelds.com">www.millerwelds.com</a> Model : Spectrum 125C	15+ yrs	3 yrs (2006)	\$1,159

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<b>Manual Surface Grinder</b>	a. 6" x 18" Capacity b. 3400 RPM, 1 HP Motor	Jet <a href="http://www1.mscdirect.com">www1.mscdirect.com</a> Model : JSG-618M	25+ yrs Limited to drive motor	18 yrs (1991)	\$8,582
<b>Manual Drill Press</b> (Shop owns two)	a. 20" Swing, 1-1/4" Capacity b. 200-2000 RPM, 2 HP Motor c. Floor Type	Jet <a href="http://www.shoprutlandtool.com">www.shoprutlandtool.com</a> Model : 26801822	10+ yrs	18 yrs (1991)	\$3,725
<b>Portable Spot Welding Machine</b>	a. 1/8" Working Capacity b. w/ Timer c. Max open circuit voltage 1.6 V	Miller Electric Mfg. Corp. <a href="http://www.millerwelds.com">www.millerwelds.com</a> Model : MSW-42T	25+ yrs	13 yrs (1996)	\$1,104
<b>Oxi-Acetylene Brazing/Welding System</b>	a. 3/8" Welding Capacity b. Truck Outfit Type	Firepower <a href="http://www1.mscdirect.com">www1.mscdirect.com</a> Model : 01388883	Unknown	18 yrs (1991)	\$1,096
<b>Table Saw</b>	a. 10" Dia. Saw b. 40" x 27" Table Size c. 3450 RPM, 1.5 HP Motor	Craftsman <a href="http://www.sears.com">www.sears.com</a> Model : OR35505	7+ yrs	18 yrs (1991)	\$710
<b>Manual Vise</b> (Shop owns two)	a. 6" width b. 7.5" opening	Kurt Inc. <a href="http://www.kurtworkholding.com">www.kurtworkholding.com</a> Model : D675	20+ yrs	18 yrs (1991)	\$488
<b>Indexer Dividing Head</b>	a. 6" Dia. b. 360 Indexing Increments	Bison <a href="http://www1.mscdirect.com">www1.mscdirect.com</a> Model : 7-609-006	25+ yrs	18 yrs (1991)	\$1,372
<b>Sandblaster</b>	a. 24" x 30" x 23" Interior Space b. Foot Treadle Control	Empire Abrasive Corp. <a href="http://www.tooldiscounter.com">www.tooldiscounter.com</a> Model : EF-2430	10+ yrs	18 yrs (1991)	\$1,130
<b>Tools</b>	a. Measuring b. Milling c. Turning	Various	Various		~\$15,000
<b>Mastercam CAD/CAM Software Ver 6</b> (Computer Aided Design) (Computer Aided Machining)	a. 3D Design b. CNC code generation	CNC Software Inc. <a href="http://www.mastercam.com">www.mastercam.com</a> Mastercam X2	5 yrs	16 yrs (1993)	\$5,000
<b>Autodesk Inventor CAD Software Ver 6</b>	a. 3D Design b. Parametric Design c. FEA capability	Autodesk Inc. <a href="http://www.usa.autodesk.com">www.usa.autodesk.com</a> 2009 Inventor Professional	5 yrs	7 yrs (2002)	\$5,295