

# Auction Catalog

Arizona Engineering

## Auction Date:

Tuesday, March 4, 2014

Bidding Starts: 10:00 AM (MST)

KD Auctions  
7918 E. McClain Dr.  
Suite 101  
Scottsdale, AZ 85260

Phone: (480) 455-3910  
Email: [service@kdauctions.com](mailto:service@kdauctions.com)

Lot Number	Qty	Description	Notes
1	1	Heavy Duty Storage Rack on Rollers - 4ft x 6ft H x 18" W	
2	1	Dial Bore Gauge with .0005" D.G. Range 6"-10"	
3	1	Brown & Sharpe Swiss Made Digital Caliper 0-200mm, also Starret No. 440 Inspection Equipment	
4	1	Enco Caliper Model 611-5618 in Box	
5	1	(Flynn Threaz Measuring Wire Set), (Goodson VSG-315 Valve Seat, Kunout Gauge .375" Pilot), (Starret Dial Indicator No. 25.441), (Lufkin Inside Micrometer Set Range 1 1/2"-8"), (Mitutoyo Telescoping Gauges No. 155-903, Additional Set Telescoping Gauges) 5/16" x 6"	
6	1	(Mitutoyo Micrometer 0-1" .0001"), (S-22 Microfinish Comparator Surface Finish Scale), (Fisher Machine 5" Sine Bar 2" Wide), (Best Test Brown & Sharpe Swiss Made 38/.00005"), (Mitutoyo Groove Micrometer 0-1 Groove 146-131 GVM-1" SR), (Starrett .001" Jeweled No. 196), (Starrett Micro Meter Caliper No. T230XFL Carbide 1" .0001" with Friction Thimble with Lock Nut)	
7	1	(SPI Digital Caliper within 300mm (12in), (SPI Screw, Thread MIC 3-4")	
8	1	Doall S/N: 9833 Black Granite Inspection Table 30" x 20"	
9	1	Mitutoyo Height Gauge .001-18" No. 192-151	
10	1	Fowler Bore Gauge Setting Master Kit, Model No. 53-646-000	
11	1	(Etalon No. 531B 1.4000-1.600), (Screw Thread Micrometer 2-3" 0.001")	
12	1	(36 60 Plug Gagues Various Sizes), (Fowler N-Digital Inside Micrometer 1-2" 0.0001")	
13	1	Mitutoyo Caliper .001-24" S/N: 614061	
14	1	Folwer Height Indicator .001-12"	
15	1	Mitutoyo Absolute Drpo Gauge with Stand 0-1" S/N: 17597	
16	1	Vermont Pin Gauge Set .061-.250	
17	1	Vermont Pin Gauge Set .501-.625	
18	1	(International Tool )Co Inspection Equipment before Gauge), (SPI Parallel Set 1/2-1 5/8"), (Mitutoyo Micrometer 0-12" S/N: 567-60-3565	
19	1	Vermont Pin Gauge Set .251-.500	
20	1	Mitutoyo Drop Gauge with Stand 0-1" S/N: 18544	
21	1	(Mitutoyo Caliper 0-12"), (Etalon Bore Gauge 1.6" - 1.8" S/N: 68056611429)	
22	1	(Blake Indicator .005), (Thread Measuring Wire Set), (Depth Micrometer 0-6" S/N: 6-308503), (Angle Set)	
23	1	(2) Magnifier Clamp Lamps	
24	1	(3) Brown & Sharpe Dial Indicator .0005 S/N: 7033-5, 2 Dial Indicator Stands, Scherr with Stand	
25	1	4ft Long x 18in Wide x 3ft Tall Material Rack	
26	1	(2) Material Stands	
27	1	Rolling Shop Cart	
28	1	Rolling Shop Cart	
29	1	Work Table with Drawers 4ft 6in Long x 2ft Wide x 3ft Tall	
30	1	Whalen Shop Storage Racks 6ft Tall x 4ft Long x 18in Wide, 1,000 Lb. Max Per Shelf	
31	1	Metal Storage Rack 6ft Tall x 4ft Long x 18in Wide	

32	1	QSP Plus Shop Vac 3 1/2 HP	
33	1	Rolling Shop Cart	
34	1	Shop Dolly	
35	1	Box of Nut Drivers and Sockets and Screw Drivers	
36	1	Full Box of Hex Keys and Allen Keys	
37	1	Various Pliers, Cutters, and Wire Strippers	
38	1	Box of Hex Bolts	
39	1	Box of Wrench Sets & Wrenches	
40	1	(11) Helicoil Thread Repair Kits (Various Sizes)	
41	1	Misc. Helicoil Insertion Tools	
42	1	(3) Boxes Huot Various Drill Bits	
43	1	Delta Triple Duty Grinder 1/2 HP, 220 Volts, 3 Phase Model BG1246, 3,450 RPM	
44	1	Frostline Evaporative Cooler Motor HP 1/2 RPM 1725, Working Condition S/N: 12A04	
45	1	Meyer Model M-O Plug Gauges, Model C-10 (.011-.250)	
46	1	(Universal Bevel Protract 6-12" S/N: 83306476931), (Starrett Model T230), (V-Block Set)	
47	1	(Etalon Hole Micrometer .233-.278 S/N: 67956611312), (Etalon Hole Micrometer .496-.602 S/N: 67956611353), (Gidimatic Inside Caliper Gauge 1.2-2" S/N: 90845598)	
48	1	(Screw Thread Micrometer 1-2"), (Screw Thread Micrometer 0-1")	
49	1	Mitutoyo Gage Block Set .050-4 1/16" S/N: 785463	
50	1	2011 Republic-Lagun, American Turnmaster Chucker Model ATV-914-HC, Swing Over Bed 13 in. (330 mm.), Spindle With Jaw Chunks 10 degree threaded (2.19 in.) (10 degree threaded (55.6 mm.), Spindle with Expanding Collets 3 in. (76 mm.), Maximum Distance, Turret Face to Spindle 14 in. (355 mm.), Cross Slide Power Feed Range 0.34375 to 6.25 in. (9 to 160 mm.), Spindle Nose Diameter 2.1875 in. (55.5 mm.), Spindle Speed, Range 0 ~ 4000 RPM - (NEW COST WAS APPROX \$28,000.00), Collets not included	
51	1	6" 3-Jaw Bison Chuck	
52	1	(5" 3-Jaw Bison Chuck), (5" 4-Jaw Bison Chuck)	
53	1	Rolling Table Jack with Various Chucks	
54	1	2008 (Doall Horizontal Band Saw, Model C-916, S/N: 527-072164), (5 Replacement Blades), (Material Rack) Cutting Capacity at 90 Round: 10-3/4" (275mm); Cutting Capacity at 90 Rectangle: 9"H x 16"W (230 x 405mm); Smallest Diameter: 3/8" (10mm); Minimum Butt End: 6-1/2" (165mm); Band Saw Blade: 1" x 158" (27 x 4,015mm); Band Speed: 50-400 fpm (15-120 mpm); Band Tension: 30,000 psi (207 mpa); Wheel Diameter: 14-1/2" (370mm); Band Drive: 3-hp (2.25kW); Index System: 1/2-hp (.375kW); Coolant Pump: 1/15-hp (.05kW). Program Capacity Display: Piece Counter. Coolant Tank Capacity: 5 gal	
55	1	Kurt Vice 6"	
56	1	6" Bench Grinder 1/3 HP Model 09012162 with Stand & Wheel Dresser	
57	1	16 Speed Drill Press (2007) on Rolling Cart with Drill Chuck S/N: 393775	
58	1	Lummis 3/4 HP 6" Grinder, 3,600 RPM	
59	1	2008 Bridgeport 2 HP Knee Mill, Acu-Rite DRO 2-Axis Power Feed S/N: HDNG3300, Variable Speed Pulley, Table Length 49, Table Width 9, Longitudinal Travel 36, Cross Travel 12, Cross Travel 12, Knee Travel 16, Number of Spindle Speeds Variable, Maximum Spindle Speed (RPM) 4200.00, Spindle Travel Length (Inch) 5, Spindle Taper Size R8 (NEW COST WAS APPROX \$20,000.00)	
60	1	Dorian Right Angle Attachment	

61	1	(Adjustable Tail Stock) (5C Spind Index Fixture)	
62	1	ATS Collet Nose & Accessories	
63	1	(2) 5C Collet Closers Manual	
64	1	Clamp Kits	
65	1	ATS S20 Collet Chuck	
66	1	Misc. Clamping Tools	
67	1	Pie Jaws	
68	1	Rotary Faceplate TS250A S/N: A0559	
69	1	4ft Long x 18in Wide x 42in Tall Rolling Storage Rack	
70	1	Hanson Hand Tap & Die Set	
71	1	Misc. Collets	
72	1	1ft x 18in black Granite Surface Plate	
73	1	Misc. Electrical Supplies	
74	1	(Banding Crimper), (Hand Clamp Cutter)	
75	1	Misc. Drill Bits	
76	1	Misc. Tooling & Cutters	
77	1	Misc. Helicoil Inserts & Screw Sets	
78	1	(2) Four Drawer Cabinets, (1) Two Drawer Cabinet	
79	1	Cabinet of Carbide Inserts	
80	1	Misc. Reamers and Scews	
81	1	2'x18" Black Granite Surface Plate	
82	1	Sign Plate & Tool Makers Vice	
83	1	Adjustable Angle T-Slot Table	
84	1	Large Angle Plate	
85	1	(2) Small Angle Plates	
86	1	(3) Small Angle Plates	
87	1	(11) 1-2-3 Gauge Blocks	
88	1	Radius Gauge & Misc Clamps	
89	1	Mitutoyo Bore Gauge 1.4-2.5" S/N: 511-105	
90	1	Fowler Bore Gauge .4-.7" S/N: 14-602-7	
91	1	Brown & Sharpe Gauge Block .050-4.0" S/N: 2980 (1968)	
92	1	Pin Gauge Set .061-.250	
93	1	Pin Gauge Set .061-.250	

94	1	Fowler Depth Gauge 0-22" S/N: 55-125-006-1	
95	1	Fowler Bore Gauge .7-1.5" S/N: 7609917	
96	1	Mitutoyo Bore Gauge 2-6" S/N: 1064758	
97	1	Valenite Portable Refractometer 2Deg-32 Deg Model PT 795	
98	1	Mitutoyo 0-6" Micrometer	
99	1	Gauge Rings .101-1"	
100	1	Gauge Block Set .050-4"	
101	1	Vermont Gauge Pin Set .011-.250	
102	1	Level (Heavy Duty) .0002-10in. S/N: 5352	
103	1	Pin Gauge Set .251-.500	
104	1	Pin Gauge Set .501-.625	
105	1	Pin Gauge Set .917-1.0	
106	1	Pin Gauge Set .751-.832	
107	1	Pin Gauge Set .833-.916	
108	1	SPI Pin Gauge SEt .061-.250	
109	1	MHC Pin Gauge Set .251-.500	
110	1	Pin Gauge Set .626-.750	
111	1	Pin Gauge Set .061-.250	
112	1	(2) Knurling Tools	
113	1	Pin Gauge Set .011-.060	
114	1	45/45/90 and 30/60/90 Degree Angle Plate Set S/N: 6367031	
115	1	SPI Bore Gauge	
116	1	Mitutoyo Depth Micrometer 0-12"	
117	1	Vermont Pin Gauge Set .011-.060	
118	1	Fowler Bore Gauge Set S/N: 314365	
119	1	Misc. Plug & Thread Gauges	
120	1	Fowler Caliper 0-40" S/N: EDP 10214	
121	1	(Mitutoyo MIC Set OD 1"-12"), (Micrometer Test Set)	
122	1	Granite Surface Plate	
123	1	2007 Mitutoyo Comparator Model PH-A14 (Calibrated March 15, 2013) Inverted image on the day bright screen, 8" x 4" X, Y, Measuring range 14(356) diameter protractor screen with cross-hairs and staggered lines, Heavy-duty workpiece table incorporates linear scales, Work stage can handle a workload of up to 100 lbs, Fiber illumination is standard accessory, 10X Magnification Lens Included	
124	1	2003 Nakamura SC-300 2.8" Bar Capacity, 30 H.P. Spindle Motor, 10" Chuck Standard, 12 Station Block Turret, 50-3500 RPM, 13.77" Maximum Work Piece Diameter, Programmable Auto Tailstock Chip Conveyor - Fanuc 21-T Control Machine not hooked to power ran well when disconnected according to seller.(Machine sold as is-where is)	
125	1	(Fowler Optic Comparator Set), (0-300mm Digital Caliper)	

126	1	Quick Check Hardness Tester	
127	1	2008 ST Supertec Model STP-618CII Surface Grinder with Sony Controls S/N: PM 07034 Chuck size W x L 6x18", Max. from spindle(center) to table top 19.3", Max. longitudinal travel 20.9" manual, Max. cross travel 7" manual, Hydraulic feed 16-82 fpm, Continuous traverse feed 0.02-0.24", Grad. of handwheel 0.000,050", Rapid feed 4 pm, Spindle drive motor 3, Wheel diameter 8, Wheel width 0.5", Wheel bore 1.25", (NEW COST WAS APPROX \$19,500.00)	
128	1	MSC Vertical Bandsaw Model 09514647 S/N: 550389, Drive Type Variable Speed Pulley, Throat Band to Column (mm) 508.00, Throat Band to Column (Inch) 20, Phase 3, Blade Speeds (SFPM) 82 to 1496, Blade Speeds (m/min) 25 to 456, Table Length (mm) 739.78, Table Length (Inch), 29-1/8, Table Width (mm) 679.45, Table Width (Inch) 26-3/4, Floor to Table Height (Inch) 39-3/8	
129	1	Ryobie Detail Sander DS1100	
130	1	Black & Decker Palm Sander	
131	1	Milwaukee Angle Drill	
132	1	Makita GE0600 Hand Grinder, Collet Size 1/4"	
133	1	Pneumatic Ingersol Rand Sander 312A	
134	1	Flex Hand Belt Sander	
135	1	Dewalt Reciprocating Saw	
136	1	Black & Decker Cordless Screw Driver	
137	1	Dremel Rotary Tool Model 395	
138	1	Misc. Jack's / Dowel Pins	
139	1	Rubber Mat Roll	
140	1	Makita Angle Grinder	
141	1	Rolling Storage Rack	
142	1	Lyman Turbo Pro 1200 Tumbler	
143	1	Milwaukee M18 Cordless Drill	
144	1	Ultra Heat SV803 Heat Gun	
145	1	Ryobi Disc/Belt Sander" 4" x 36"	
146	1	Campbell Hausfeld Portable Airtank	
147	1	Quantrey Ultra Sonic Cleaner Q310H	
148	1	(35) SPC Slikwik SW-46 Fluid spill control pieces	
149	1	8' Husky Industrial Ladder	
150	1	Small Kant Twist Clamps	
151	1	Allen Wrenches and Misc. Tools	
152	1	Misc. Files	
153	1	Large Kant Twist Clamps	
154	1	Rivet Tools	
155	1	Tube Flares/Tube Bender/Drill Kit	
156	1	Pneumatic Tools	

157	1	Aircraft Pro Beading Tool Kit	
158	1	48" x 18" x 36" Rolling Storage Shelf	
159	1	Stainless/Brass/Plastic Shims	
160	1	Mr. Heater 28,000 BTU Max	
161	1	48" x 18" x 36" Industrial Shelf	
162	1	Various Shop Fans and Heater	
163	1	Pallet Full of Pie Jaws	
164	1	Industrial Shop Castors	
165	1	1999 Bridgeport Torq Cut TC-3, Fanuc O-M Control, 20 Tool Changer, INCLUDING - Troyke DL-9-B Rotary Table, Table Size 36" x 14", Machine Travels (X/Y/Z) 30" x 16" x 20", Spindle To Table Distance 4.92" - 24.92", Table Capacity 2,000 Lbs, Spindle Taper BT 40 Taper, Spindle Speeds 10,000 Max RPM 240 Volts, 3 Phase	
166	1	6" Kurt Vise	
167	1	6" Kurt Vise	
168	1	End Mills/Various Tools with Rolling Storage Rack	
169	1	6" Bison Chuck 3-Jaw	
170	1	6" Bison 3-Jaw Chuck with Manual Rotary Indexer	
171	1	10" "Bison Chuck with Jaws	
172	1	10" "Bison Chuck with Jaws	
173	1	Large Pie Jaws	
174	1	8" Chuck with Manual Indexer	
175	1	Long Reamers & Drills	
176	1	1"-1 1/4-1 1/2" Roughing End Mills	
177	1	3/4" End Mills	
178	1	3/4" End Mills	
179	1	1" End Mills	
180	1	Large Reamers	
181	1	3/4 Roughing End Mills	
182	1	Various Keyway Cutters	
183	1	Coolan Thru Insert Indexable Tooling	
184	1	Lathe Turning Tools	
185	1	Lathe Parting & G Tooling Tools	
186	1	Misc. Tools	
187	1	Misc. Lathe Tooling	
188	1	Misc. Lathe Tooling	
189	1	Misc. Saws	

190	1	Drills	
191	1	Live Center MT#5	
192	1	Table	
193	1	1999 Bridgeport VMC 2216 Fanuc 21i-m Control, 22x16x20 Travels, 36x14 Table Size, 8,000 RPM, BT-40, Fanuc 21i Control, Rigid Tapping 20 Tool Changer, High Speed Machinig	
194	1	Parallel Sets	
195	1	Parallel Sets	
196	1	Criterion Boring Heads & Drill Chucks	
197	1	Misc. Tools	
198	1	Tapping Heads Taco HR-3	
199	1	(8) Shop Floor Mats	
200	1	Tool Holders	
201	1	Collet Set 5C	
202	1	5C Collets & Holders	
203	1	Misc. Collets	
204	1	Chuck Wrenches & Hard Jaws	
205	1	(6) BT 40 Tool Holders	
206	1	(6) BT 40 Tool Holders	
207	1	(7) BT40 Tool Holders	
208	1	1999 Haas SL-20 S/N 62484, Parts Catcher, Tool Presetter, Chip Auger, Floppy Drive Swing Over Front Apron 16.25, Swing Over Cross Slide 8, Chuck Size 8, Distance Between Centers 24, Max. Cutting Diameter 10, Max. Cutting Length 20, Spindle Speed 4000 RPM, Spindle Nose A2-6, Bar Capacity 2.0, Peak Horse Power 20HP, X-Axis Travel 8.45, Z-Axis Travel 20, Turret Stations 10, Machine Weight 9000lbs, Machine Dimensions 125 x 75 x 70	
209	1	Live Centers	
210	1	Lathe Tooling Inserts	
211	1	Drills	
212	1	48" x 18" x 36" Shelf	
213	1	Assortments of Taps	
214	1	Assorted Turning Tools	
215	1	Assorted Lathe Sleeves	
216	1	72" x 19" x 48" Shelf	
217	1	Coolant Thru Boring Bars (Indexable) Includes all of them. \$1,000.00's worth of boring bars	
218	1	Boring Bars & Sleeves	
219	1	72" x 19" x 48" Shelf	
220	1	Misc. Taps, Drills, and End Mills	
221	1	Die Wrench & Dies	



222	1	Carbide ENd Mills & High speed Taps & Drills	
223	1	Micro Tools	
224	1	Misc. Drills & Taps	
225	1	Misc. Drills, Taps, Dowels, Quick Release Tap Holders, Collets	
226	1	Misc. Chuck Jaws	
227	1	48" x 33" x 34" Table with Tool Changer Mount	
228	1	Hankison SPX Brand Dryer Compressed Air Dryer, ISO Class6, CFM25, Dew Point (Deg. F)46, Max. Air Compressor HP7.5, Max. Pressure (PSI)250, Inlet/Outlet (In.)3/4 NPT, Voltage115	
229	1	Amercanan Refridgerator	
230	1	Misc. Grinding Wheels, Sanding Disks,and Sanding Belts	
231	1	Rack with 10 CAT 40 Tool Holders	
232	1	Various Shop Tools	
233	1	6" Kurt Vice Speed Handle	
234	1	6" Kurt Vice	
235	1	6" Kurt Vice Speed Handle	
236	1	6" Kurt Vice Speed Handle	
237	1	Tool Vise	
238	1	Rolling Shop Cart	
239	1	48" x 18" x 42" Rolling Shelf	
240	1	(7) BT 40 Tool Holders	
241	1	(5) BT40 Tool Holders	
242	1	(7) BT 40 Tool Holders	
243	1	(5) BT 40 Tool Holders	
244	1	(6) BT40 Tool Holders	
245	1	Misc. Hardware, Rivets, and Dowel Pins	
246	1	72" x 30" x 36" Table, Sufrace Plates not Included	
247	1		