

## ASTRO AUTOMATION

### LOT DESCRIPTION

- 1 BLACK & DECKER 1 1/4" HD MAGNETIC DRILL PRESS; 2-SPEED, S/N 868840, NO# 741, TYPE D, 220-VOLT, AC/DC, 6.0 AMP, 500 HIGH RPM, 250 LOW RPM, MOUNTED ON ROLLING STAND
- 2 DEWALT DW882 6" STRAIGHT GRINDER; S/N 010042
- 3 BLACK & DECKER 7" HEAVY DUTY FLEXIBLE DISC SANDER; S/N 1631757
- 4 MILWAUKEE HEAVY DUTY 7" GRINDER/POLISHER; S/N 0-010050887, 1,750 RPM
- 5 MAKITA 4 1/2" PADDLE SWITCH ANGLE GRINDER; MODEL 9557PB, S/N 706675
- 6 DEWALT ANGLE GRINDER; MODEL D28402, S/N 343716
- 7 RYOBI GRINDER; MODEL G1151C
- 8 DUMORE HAND GRINDER; S/N 8203-5206
- 9 DEWALT 1 1/2" GRINDER; MODEL DW887
- 10 BLACK & DECKER ELECTRIC DRILL; TYPE 1
- 11 CRAFTSMAN 1/2" ELECTRIC DRILL; MODEL 107.25833, S/N 958, 3.5 AMP, 425-RPM
- 12 CHICAGO PNEUMATIC SB2E18R HAMMER DRILL
- 13 BLACK & DECKER JIGSAW DELUXE; 3-SPEED, NO# 7545
- 14 STANLEY SABRE HEAVY DUTY SAW; TYPE H75-A, S/N V02387
- 15 WEN ALL SAW; MODEL 909
- 16 BLACK & DECKER 6" HEAVY DUTY ADJUSTABLE SAW; S/N 70391, CAT# 62, 5,500 RPM, TYPE 3
- 17 3' X 3' STEEL TABLE
- 18 MAKITA FINISHING SANDER; MODEL B04550, S/N OPM-14000
- 19 DEWALT D26451 PALM SANDER
- 20 DEWALT DW423 VARIABLE SPEED RANDOM ORBIT SANDER; S/N 963318
- 21 DREMEL MULTI-PRO MODEL 395 WITH ATTACHMENTS
- 22 DREMEL MULTI-PRO MODEL 395 WITH ATTACHMENTS
- 23 CRAFTSMAN 4" BELT SANDER; MODEL 315-11782, DUSTLESS, 7.5 AMP, S/N P8368
- 24 LOT OF ASSORTED SOLDERING GUNS
- 25 T&B ANSLEY HEAT GUN; CAT# WT500A
- 26 LOT OF ASSORTED PNEUMATIC TOOLS
- 27 LOT OF ASSORTED PNEUMATIC TOOLS
- 28 LOT OF ASSORTED PNEUMATIC TOOLS
- 29 LOT OF ASSORTED PNEUMATIC TOOLS
- 30 LOT OF ASSORTED PNEUMATIC TOOLS
- 31 LOT OF ASSORTED SCREW DRIVERS
- 32 LOT OF ASSORTED SCREW DRIVERS

### LOT DESCRIPTION

- 33 LOT OF ASSORTED SCREW DRIVERS
- 34 LOT OF ASSORTED PLIERS
- 35 LOT OF ELECTRICAL PLIERS
- 36 LOT OF ASSORTED PLIERS
- 37 LOT OF SOCKETS & DRIVERS
- 38 LOT OF ASSORTED WRENCHES
- 39 LOT OF ASSORTED WRENCHES
- 40 LOT OF ASSORTED WRENCHES
- 41 LOT OF ASSORTED WRENCHES
- 42 LOT OF ASSORTED WRENCHES
- 43 LOT OF ASSORTED WRENCHES
- 44 LOT OF SAWS
- 45 LOT OF BALLPOINT HAMMERS
- 46 LOT OF HAMMERS
- 47 LOT OF MALLETS
- 48 LOT OF MALLETS
- 49 LOT OF MALLETS
- 50 LOT OF ALLEN WRENCHES
- 51 LOT OF ALLEN WRENCHES
- 52 LOT OF ALLEN WRENCHES
- 53 LOT OF ALLEN WRENCHES
- 54 LOT OF ASSORTED T-HANDLE HEX KEYS
- 55 LOT OF ASSORTED T-HANDLE HEX KEYS
- 56 LOT OF PIPE WRENCHES
- 57 LOT OF (2) PIPE WRENCHES
- 58 LOT OF (2) PIPE WRENCHES
- 59 LOT OF (2) 18" PIPE WRENCHES
- 60 LOT OF (3) MONKEY WRENCHES
- 61 LOT OF (2) 24" PIPE WRENCHES
- 62 36" PIPE WRENCH
- 63 36" PIPE WRENCH
- 64 48" PITTSBURGH PIPE WRENCH
- 65 48" PIPE WRENCH
- 66 PRODUCTION INDUSTRIES 6' X 3' WORK TABLE
- 67 PRODUCTION INDUSTRIES 6' X 3' WORK TABLE
- 68 LOT OF ASSORTED FILES
- 69 LOT OF ASSORTED FILES
- 70 LOT OF ASSORTED FILES
- 71 LOT OF ASSORTED FILES
- 72 LOT OF ASSORTED TAPE MEASURES
- 73 LOT OF UTILITY KNIVES & SCISSORS
- 74 LOT OF ASSORTED AIR GUNS
- 75 LOT OF ASSORTED BRUSHES
- 76 LOT OF FLASHLIGHTS
- 77 LOT OF HELICOIL MASTER THREAD REPAIR KITS
- 78 LOT OF HELICOIL MASTER THREAD REPAIR KITS
- 79 LOT OF SAFETY GLASSES
- 80 LOT OF ASSORTED BEARINGS
- 81 LOT OF ASSORTED STEEL STAMP LETTERS &

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### LOT DESCRIPTION

82 NUMBERS  
 LOT OF ASSORTED STEEL STAMP LETTERS & NUMBERS

83 LOT OF ASSORTED STEEL STAMP LETTERS & NUMBERS

84 LOT OF ASSORTED TAP & DIES

85 LOT OF ASSORTED TAP & DIES

86 LOT OF ASSORTED TAP & DIES

87 LOT OF ASSORTED TAP & DIES

88 LOT OF ASSORTED TAP & DIES

89 LOT OF ASSORTED TAP & DIES

90 LOT OF ASSORTED TAP & DIES

91 LOT OF ASSORTED TAP & DIES

92 LOT OF ASSORTED TAP & DIES

93 LOT OF ASSORTED TAP & DIES

94 LOT OF ASSORTED TAP & DIES

95 LOT OF ASSORTED TAP & DIES

96 LOT OF ASSORTED TAP & DIES

97 LOT OF ASSORTED TAP & DIES

98 LOT OF ASSORTED TAP & DIES

99 LOT OF ASSORTED TAP & DIES

100 LOT OF TAP REMOVERS

101 PHASE II 28-PIECE TRANSFER PUNCH SET

102 LOT OF AUCARB CARBIDE END MILL SET

103 LOT OF CARBIDE

104 LOT OF ASSORTED CARBIDE

105 LOT OF ASSORTED CARBIDE

106 MODEL 35 PROOF CHRONOGRAPH WITH PROOF CHANNEL, PRINTER, AND GLINT PROOF SKYSCREEN III, BULLET MEASURING SPEED

107 DELTA SPECIALTY SCROLL SAW

108 POWER KRAFT MODEL 845154A ELECTRIC DOUBLE END GRINDER AND BUFFER WHEEL BRUSH

109 RYOBI 8" DOUBLE END BENCH GRINDER; MODEL BGH-826

110 1967 SUMMIT HORIZONTAL MILL; MODEL UN, S/N 7008, WITH 10 1/2" X 47" TABLE, 1 1/2" SHAFT RAPID TRAVERSE, 3-PHASE

111 1942 LELAND GIFFORD 2-HEAD VERTICAL PRODUCTION MILL; MODEL 2-LMS, S/N LMS-4513, FLOOR TYPE, CONTRACT# NXS-1791, 600-3,600 RPM, 21" X 34" TABLE, KNEE ADJUSTMENT

112 BRIDGEPORT SERIES 1 VERTICAL MILL; 2-HP, 42" X 9" TABLE, SERVO 100-POWER TABLE, POWER DRAW BAR, 30" TABLE TRAVEL, 12" SADDLE TRAVEL, 12" KNEE TRAVEL, 12" RAM TRAVEL, 5" QUILL TRAVEL, ACU-RITE MASTER P, 3-AXIS DRO CONTROL, DRIVE S/N 2J-123834-2

113 SHARP LMV VERTICAL MILL; 3-HP, 60-4,500 RPM,

### LOT DESCRIPTION

42" X 9" TABLE, SERVO 150-POWER TABLE, POWER DRAW BAR, 30" TABLE TRAVEL, 12" SADDLE TRAVEL, 16" KNEE TRAVEL, ACU-RITE PNC DRO CONTROL

114 ALLIANT R2-2 VERTICAL MILL; S/N 80112003, 2-HP, 60-4,500 RPM SPINDLE SPEED, HI/LO, POWER DRAW BAR, SERVO 150-POWER TABLE, 9" X 42" TABLE, ANILAM WIZARD PNC DRO CONTROL, SPINDLE TAPER, 30" TABLE TO 12" SADDLE TRAVEL, 16" KNEE TRAVEL, 12" RAM TRAVEL, 5" QUILL

115 ALLIANT VERTICAL MILL; MODEL ALLIANT RT-2, S/N 809133671, 3-HP, HI/LO, 60-4,500 RPM SPINDLE SPEED, POWER DRAW BAR, SERVO 150-POWER TABLE, 9" X 42" TABLE, ADJUSTABLE KNEE TABLE, 1 1/8" SLEEVE, ANILAM WIZARD 2-AXIS PNC DRO CONTROL, SPINDLE TAPER, 30" TABLE TRAVEL, 12" SADDLE TRAVEL, 16" KNEE TRAVEL, 12" RAM TRAVEL, 5" QUILL

116 1993 HAAS VF-2 CNC VERTICAL MACHINING CENTER; S/N 2562, 14" X 3" TABLE, 4-AXIS, 20-STATION TOOL CHANGER

117 1997 HAAS VF-3 CNC VERTICAL MACHINING CENTER; 15-HP, S/N 10743, 18" X 48" TABLE, HAAS CNC DRO 3-AXIS CONTROL PANEL, 20-STATION TOOL CHANGER, 710-IPM, BRUSHLESS SERVO, CT TOOLING, THROUGH THE SPINDLE COOLANT

118 2001 HAAS VF-3 CNC VERTICAL MACHINING CENTER; 20-HP, S/N 26793, 18" X 48" TABLE, 20-STATION TOOL INDEXER

119 2012 HAAS VF-7 150 VERTICAL MACHINING CENTER; S/N 1099469, 28" X 84" TABLE, 39-STATION TOOL CHANGER, CAT 50, ATC, PENDANT CONTROL, HAAS CNC DRO CONTROL PANEL, 5-AXIS, THROUGH THE SPINDLE COOLANT, REINSHAW MP10 PROBE TOOLING WORK STATION

120 1999 GIDDINGS & LEWIS HMC170 HORIZONTAL MACHINING CENTER; S/N 99/25159-3001, ID# H1702-1000004, SIEMENS SINUMERIK 840D CNC DRO CONTROL, DUAL CONTROL PANELS, PALLET LOADER, 50-TAPER TOOLING, 100-STATION ATC (MOTHERBOARD NEEDS REPAIR)

121 PLASTIC BIN OF ASSORTED DRILL BITS

122 PLASTIC BIN OF ASSORTED DRILL BITS

123 PLASTIC BIN OF ASSORTED DRILL BITS

124 PLASTIC BIN OF ASSORTED DRILL BITS

125 PLASTIC BIN OF END MILLS

126 PLASTIC BIN OF END MILLS

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### LOT DESCRIPTION

127 PLASTIC BIN OF END MILLS  
 128 ANGLOCK VISE  
 129 KURT ANGLOCK VISE D688; S/N D688-7415  
 130 KURT PRECISION MACHINE VISE; MODEL D675, S/N 36270  
 131 KURT PRECISION MACHINE VISE; MODEL D60, S/N 0289A2  
 132 6" PRECISION MACHINE VISE  
 133 KURT PRECISION MACHINE VISE; MODEL D675, S/N 22922  
 134 KURT PRECISION MACHINE VISE; S/N 11038  
 135 6" PRECISION MACHINE VISE  
 136 6" PRECISION VISE WITH SWIVEL BASE  
 137 KURT MACHINE DOUBLE VISE; MODEL DL600A, S/N 002492  
 138 KURT PRECISION MACHINE VISE; MODEL D60, S/N 014348  
 139 6" KURT PRECISION MACHINE VISE  
 140 TABLE VISE  
 141 COMPOUND ANGLE VISE  
 142 TABLE VISE  
 143 VISE  
 144 TABLE VISE  
 145 ALZMETALL 3J INDEXING COLLET HEAD  
 146 KURT 6" PRECISION MACHINE VISE  
 147 BROWN & SHARPE MAGNETIC SIGN PLATE; S/N 928-100  
 148 6" PRECISION MACHINE VISE  
 149 ROUND STOCK VISE  
 150 TABLE VISE  
 151 PIPE VISE  
 152 LOT OF SMALL VISES  
 153 LOT OF SMALL VISES  
 154 KURT PRECISION MACHINE VISE; MODEL D100, S/N 0006171  
 155 KURT PRECISION MACHINE VISE; S/N 000273  
 156 21" UNIVERSAL 3-JAW CHUCK  
 157 HAAS ROTARY HEAD FOR VF2, VF3  
 158 15" INDEPENDENT 4-JAW CHUCK  
 159 3J COLLET HEAD  
 160 13" ROTARY TABLE  
 161 8" UNIVERSAL 3-JAW CHUCK  
 162 10" UNIVERSAL 4-JAW CHUCK  
 163 3J COLLET CHUCK  
 164 10" INDEPENDENT 4-JAW CHUCK  
 165 6" UNIVERSAL 6-JAW CHUCK  
 166 8" UNIVERSAL 3-JAW CHUCK  
 167 8" UNIVERSAL 3-JAW CHUCK  
 168 PHASE II 8" ROTARY HEAD WITH 3-JAW CHUCK; S/N M-220, STOCK# 225-008  
 169 8" UNIVERSAL 3-JAW CHUCK

### LOT DESCRIPTION

170 BROWN & SHARPE 9" MAGNETIC CHUCK; NO# 9-R, S/N 2091  
 171 8" UNIVERSAL 6-JAW CHUCK  
 172 6" UNIVERSAL 3-JAW CHUCK  
 173 LOT OF (2) 5" UNIVERSAL 3-JAW CHUCKS  
 174 LOT OF (2) 5" UNIVERSAL 3-JAW CHUCKS & (1) 5" INDEPENDENT 3-JAW CHUCK  
 175 4" UNIVERSAL WITH R8 TAPER SHANK  
 176 TROYKE 21" ROTARY TABLE; MODEL R-21, LOT#3908-7  
 177 COLLET CHUCK WITH COLLETS  
 178 3' X 6' STEEL WORK TABLE  
 179 3' X 6' STEEL WORK TABLE  
 180 3' X 6' STEEL WORK TABLE  
 181 3' X 8' WOOD WORK TABLE  
 182 FIBROPLAN 21" ROTARY TABLE; TYPE NC2050520101114, S/N NC205-2089607  
 183 PRODUCTO MACHINE CO NC 34" ROTARY TABLE; MODEL 0130, S/N J602-3 WITH A 24" 3-JAW UNIVERSAL CHUCK  
 184 LOT OF (2) FILING CABINETS  
 185 BASE PLATE  
 186 LOT OF (2) PARALLELS  
 187 2 1/2" X 6' STEEL WORK BENCH  
 188 LOT OF (2) SWIVEL BASES  
 189 LOT OF PART STOPS  
 190 LOT OF (3) MACHINE HOLD DOWN SETS  
 191 LOT OF (3) MACHINE HOLD DOWN SETS  
 192 LOT OF (3) MACHINE HOLD DOWN SETS  
 193 KPT LANG CLEAN TEC CHIP FAN; SPEED 4000-7000 RPM, DIAMETER 13"  
 194 LOT OF GUN DRILLS  
 195 LOT OF GUN DRILLS  
 196 LOT OF GUN DRILL TIPS  
 197 ADJUSTABLE BORING HEADS WITH BARS  
 198 TAPMATIC 30X REVERSIBLE TAPPING ATTACHMENT, MAX 2,000 RPM  
 199 KM KENNA METAL TOOLING  
 200 6 1/2' X 3' WOOD WORK BENCH WITH SWIVEL VISE  
 201 LOT OF SHELL MILLS  
 202 LOT OF SLITTING MILLS  
 203 LOT OF SLITTING MILLS  
 204 LOT OF ASSORTED END MILLS  
 205 LOT OF ASSORTED FACE MILLS  
 206 LOT OF ASSORTED FACE MILLS  
 207 LOT OF ASSORTED ROUGHING END MILLS  
 208 LOT OF ASSORTED ROUGHING END MILLS  
 209 LOT OF ASSORTED ROUGHING END MILLS  
 210 LOT OF ASSORTED ROUGHING END MILLS  
 211 LOT OF ASSORTED FACE MILLS

## ASTRO AUTOMATION

### LOT DESCRIPTION

212 LOT OF THREAD MILLS  
213 LOT OF CORNER ROUNDING RADIUS MILLS  
214 PLASTIC BIN OF ASSORTED END MILLS  
215 LOT OF ASSORTED MILLING TOOLS  
216 LOT OF ASSORTED MILLING TOOLS  
217 LOT OF ANGLE END MILLS  
218 LOT OF COUNTER SINKS  
219 LOT OF ASSORTED CENTER DRILLS  
220 LOT OF ASSORTED DOVE TAIL CUTTERS AND  
KEY SEAT CUTTERS  
221 LOT OF FLY CUTTERS  
222 LOT OF REDUCERS  
223 LOT OF ASSORTED FLUSH ARBORS  
224 LOT OF ASSORTED ARBORS  
225 2-DOOR CABINET WITH CONTENTS  
226 2-DOOR CABINET WITH CONTENTS  
227 2-DOOR CABINET WITH ASSORTED SOFT  
CHUCKS AND JAW VISES  
228 LOT OF TAP EXTENSIONS  
229 LOT OF TAP HOLDERS  
230 LOT OF TAP HOLDERS  
231 LOT OF ASSORTED TAP COLLETS  
232 LOT OF COLLET HOLDERS  
233 LOT OF LANDIS TAP CHASERS  
234 LOT OF KNURLING TOOLS  
235 LOT OF KNURLING TOOLS  
236 LOT OF ASSORTED BORING BARS  
237 LOT OF ASSORTED DRILL CHUCKS, MORSE  
TAPER, AND STRAIGHT SHANK  
238 40-TAPER ANGLE HEAD  
239 LOT OF ASSORTED END MILLS  
240 40 & 50 TAPER TOOL MOUNTING FIXTURES  
241 LOT OF DRIFTS  
242 6' X 3' STEEL WORK TABLE WITH COLUMBIAN A  
3 1/2 VISE  
243 CABINET WITH ASSORTED SOFT JAW VISE  
JAWS & CHUCK JAWS  
244 CABINET WITH ASSORTED SOFT JAW VISE  
JAWS & CHUCK JAWS  
245 MATERIAL CART (NO CONTENT)  
246 LOT OF ROLLERS  
247 LOT OF ROLLERS  
248 LOT OF (2) 20-TON MACHINE JACK SCREWS  
249 LARGE MACHINE JACK SCREW STANDS  
250 LOT OF (3) MACHINE JACK SCREW STANDS  
251 LOT OF (3) MACHINE JACK SCREW STANDS  
252 MACHINE JACK SCREW STANDS  
253 LOT OF (2) MACHINE JACK SCREW STANDS  
254 PAIR OF MACHINE JACK SCREW STANDS  
255 PAIR OF MACHINE JACK SCREW STANDS  
256 PAIR OF MACHINE JACK SCREW STANDS

### LOT DESCRIPTION

257 LOT OF (4) MACHINE JACK SCREW STANDS  
258 LOT OF (4) MACHINE JACK SCREW STANDS  
259 LOT OF (3) MACHINE JACK SCREW STANDS  
260 LOT OF (4) MACHINE JACK SCREW STANDS  
261 LOT OF (2) MACHINE JACK SCREW STANDS  
262 LOT OF (3) MACHINE JACK SCREW STANDS  
263 LOT OF (4) MACHINE JACK SCREW STANDS  
264 LOT OF (3) MACHINE JACK SCREW STANDS  
265 LOT OF (3) MACHINE JACK SCREW STANDS  
266 LOT OF (3) MACHINE JACK SCREW STANDS  
267 LOT OF (4) MACHINE JACK SCREW STANDS  
268 LOT OF (3) MACHINE JACK SCREW STANDS  
269 LOT OF (4) MACHINE JACK SCREW STANDS  
270 STEEL MACHINE ROLLING CART  
271 (3) SETS OF ROLLERS  
272 LOT OF (2) CLAMPS  
273 LOT OF (3) CLAMPS  
274 LOT OF (4) VISE GRIPS  
275 LOT OF (5) RATCHET BAR CLAMPS  
276 LOT OF (3) VISE GRIPS  
277 LOT OF (6) KANT TWIST CLAMPS  
278 LOT OF (4) KANT TWIST CLAMPS  
279 LOT OF (2) C-CLAMPS  
280 LOT OF (2) C-CLAMPS  
281 LOT OF (4) C-CLAMPS  
282 LOT OF (6) C-CLAMPS  
283 LOT OF (5) C-CLAMPS  
284 LOT OF (5) C-CLAMPS  
285 LOT OF (4) C-CLAMPS  
286 LOT OF (3) C-CLAMPS  
287 LOT OF (3) C-CLAMPS  
288 LOT OF (4) C-CLAMPS  
289 LOT OF (3) C-CLAMPS  
290 LOT OF (2) C-CLAMPS  
291 LOT OF (5) C-CLAMPS  
292 LOT OF (5) C-CLAMPS  
293 LOT OF (3) C-CLAMPS  
294 LOT OF PITTSBURGH CLAMPS  
295 LOT OF (2) C-CLAMPS  
296 LOT OF (2) C-CLAMPS  
297 LOT OF (2) C-CLAMPS  
298 LOT OF (4) C-CLAMPS  
299 LARGE C-CLAMPS  
300 LOT OF (2) KANT TWIST CLAMPS  
301 LOT OF (2) C-CLAMPS  
302 LOT OF (3) C-CLAMPS  
303 LOT OF (2) C-CLAMPS  
304 LOT OF (2) C-CLAMPS  
305 LOT OF (3) C-CLAMPS  
306 LOT OF (2) C-CLAMPS  
307 2 1/2' X 6' STEEL WORK TABLE (NO CONTENT)

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### LOT DESCRIPTION

308 BIN OF CLAMPS  
 309 BIN OF ASSORTED MACHINE CLAMPS  
 310 BIN OF ASSORTED MACHINE CLAMPS  
 311 BIN OF ASSORTED MACHINE CLAMPS  
 312 BIN OF ASSORTED MACHINE CLAMPS  
 313 LOT OF JAMES MORTON RITE HITE MACHINE CLAMPS  
 314 LOT OF JAMES MORTON RITE HITE MACHINE CLAMPS  
 315 4' X 2' STEEL WORK TABLE WITH WOODEN TOP  
 316 5' X 3 1/2' BIN WITH ROLLING DRAWERS & CONTENT  
 317 5' X 3 1/2' BIN WITH ROLLING DRAWERS & CONTENT  
 318 LOT OF ASSORTED R8 TAPER TOOLING  
 319 LOT OF ASSORTED 40-TAPER TOOLING  
 320 LOT OF ASSORTED 40-TAPER TOOLING  
 321 LOT OF ASSORTED 40-TAPER TOOLING  
 322 LOT OF ASSORTED 40-TAPER TOOLING  
 323 LOT OF ASSORTED 40-TAPER TOOLING  
 324 LOT OF ASSORTED 40-TAPER TOOLING  
 325 LOT OF ASSORTED 40-TAPER TOOLING  
 326 LOT OF ASSORTED 40-TAPER TOOLING  
 327 LOT OF ASSORTED 40-TAPER TOOLING  
 328 LOT OF ASSORTED 40-TAPER TOOLING  
 329 LOT OF ASSORTED 40-TAPER TOOLING  
 330 LOT OF R8 TAPER DRILL CHUCKS  
 331 LOT OF R8 SHANK TOOL HOLDERS  
 332 LOT OF ASSORTED 40-TAPER TOOLING  
 333 3' X 6' STEEL TABLE WITH WOODEN TOP (NO CONTENT)  
 334 ASSORTED STEEL JAWS  
 335 50-TAPER TOOL SETTING TOOL MOUNTING FIXTURE  
 336 LOT OF 50-TAPER TOOLING  
 337 LOT OF 40-TAPER TOOLING  
 338 LOT OF 40-TAPER TOOLING  
 339 6' X 2 1/2" STEEL WORK BENCH WITH WOODEN TOP  
 340 RACK WITH ASSORTED 40-TAPER TOOLING  
 341 ROLLING RACK WITH ASSORTED 50-TAPER TOOLING  
 342 GIDDINGS & LEWIS HORIZONTAL BORING MILL; MODEL G60T, S/N 450-73-80, 6" SPINDLE, 48" X 60" ROTARY TABLE INDEX, (2) SHUTTLE TABLES, WESTINGHOUSE PRODUCER, CNC DRO CONTROL, 5-AXIS, COLLET DRAW BAR, DUAL AIR COOLING UNIT, 90" Y TRAVEL, 36" Z TRAVEL, 84" Y TRAVEL, 84" X TRAVEL, JORGENSEN OUT CHIP CONVEYOR, CONTROL S/N 450-073-80

### LOT DESCRIPTION

343 DEVLIEG 43J60 HORIZONTAL JIG MILL; S/N 9768, 4-AXIS, 30" X 60" TABLE, FAGOR CNC DRO CONTROL, 3" SPINDLE DIA, 60" X TRAVEL, 40" Y TRAVEL, 16" Z & W TRAVEL, 20-3,000 RPM, RAPID TRAVERSE, 10-HP  
 344 DEVLIEG KNEE; S/N B-416  
 345 STEEL STAND  
 346 SET OF V-BLOCKS  
 347 ANGLE PLATE  
 348 LOT OF ASSORTED 50-TAPER TOOLING  
 349 LOT OF ASSORTED 50-TAPER TOOLING  
 350 LOT OF ASSORTED 50-TAPER TOOLING  
 351 LOT OF ASSORTED 50-TAPER TOOLING  
 352 LOT OF ASSORTED 50-TAPER TOOLING  
 353 LOT OF ASSORTED 50-TAPER TOOLING  
 354 LOT OF ASSORTED 50-TAPER TOOLING  
 355 LOT OF ASSORTED 50-TAPER TOOLING  
 356 LOT OF ASSORTED 50-TAPER TOOLING  
 357 LOT OF ASSORTED 50-TAPER TOOLING  
 358 ROLLING RACK WITH 50-TAMPER TOOLING WITH STAND & CONTENTS  
 359 ROLLING RACK WITH 50-TAPER TOOLING  
 360 ROLLING RACK WITH 50-TAPER TOOLING  
 361 ROLLING RACK WITH 50-TAPER TOOLING  
 362 ROLLING RACK WITH 50-TAPER TOOLING  
 363 BOTTOM SHELF OF PALLET RACKING; 50-TAPER TOOLING  
 364 MIDDLE SHELF OF PALLET RACKING; 50-TAPER TOOLING  
 365 TOP SHELF OF PALLET RACKING; 50-TAPER TOOLING  
 366 (2) SECTIONS OF PALLET RACKING; (3) 10' TALL UPRIGHTS X 42" DEEP  
 367 4-JAW INDEPENDENT CHUCK  
 368 LOT OF 50-TAPER TOOLING  
 369 LOT OF 50-TAPER TOOLING  
 370 ANGLE PLATE  
 371 LOT OF (3) SCREW SUPPORT STANDS  
 372 LOT OF (3) SCREW JACKS  
 373 TOMBSTONE  
 374 DEVLIEG KNEE  
 375 PAIR OF V-BLOCKS  
 376 LOT OF ASSORTED ANGLE PLATES  
 377 WOHLHAUPTER UNIVERSAL BORING & FACING HEAD  
 378 ROLLING RACK WITH HOLD DOWNS  
 379 SHELF WITH CONTENTS  
 380 SECTION OF PALLET RACK WITH CONTENTS  
 381 SECTION OF PALLET RACK WITH CONTENTS  
 382 LOT OF CABINET WITH CONTENT OF ELECTRICAL SUPPLIES

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383 WORK BENCH WITH CONTENTS  
 384 LOT OF END MILLS  
 385 LOT OF END MILLS  
 386 LOT OF END MILLS  
 387 LOT OF END MILLS  
 388 LOT OF END MILLS  
 389 LOT OF END MILLS  
 390 WOODEN CRATE WITH CONTENT OF 50-TAPER TOOLING  
 391 LOT OF ASSORTED TAPPING HEADS  
 392 WOHLHAUPTER BORING HEAD  
 393 LOT OF 50-TAPER TOOLING  
 394 LOT OF 50-TAPER TOOLING  
 395 LOT OF TAPING HEAD WITH COLLETS  
 396 STEEL TABLE  
 397 SHELF WITH CONTENTS  
 398 CABINET WITH CONTENTS  
 399 LIFTING 800 LB. CAPACITY MAGNET  
 400 CONTENTS OF TOP SHELF  
 401 LOT OF 50-TAPER TOOLING  
 402 CONTENTS OF BOTTOM SHELF \*\*\*GO INTO GARAGE\*\*\*  
 403 RAYMOND ELECTRIC TRUCK; MODEL 821, SPECIFICATION #54RTT-60-51-211-101/2, 36-VOLT DC, S/N 821-E4RTT150, 5,370 WEIGHT  
 404 TOYOTA 3,000 LB. CAPACITY LPG FORKLIFT; S/N 21306, 80" LIFT HEIGHT, 6,427 HOURS, SOLID CUSHION TIRES, 56 3/4" MAST, MAST RACK  
 405 HYSTER S50FT 5,000 LB. CAPACITY FORKLIFT; LPG, S/N F187V15501G, 10,500 HOURS, 189" LIFT HEIGHT, 81" 3-STAGE MAST, SOLID CUSHION TIRES, SIDESHIFT  
 406 HYSTER S80FT 8,000 LB. CAPACITY FORKLIFT; LPG, 15,693 HOURS, SIDESHIFT, 87" 3-STAGE MAST, MAST GUARD, SOLID CUSHION TIRES, DURRA MATCH TRANSMISSION  
 407 ECO JIB FOR FORKLIFT  
 408 LARGE FIXTURE PLATE  
 409 COOLANT PUMP & TANK  
 410 ANGLE PLATE  
 411 (7) SECTIONS OF PALLET RACK  
 412 ROLLING MATERIAL CART WITH 60-TAPER TOOLING  
 413 ROLLING MATERIAL CART WITH 60-TAPER TOOLING  
 414 ROLLING MATERIAL CART WITH 60-TAPER TOOLING  
 415 LOT OF LARGE ASSORTED FACEPLATES  
 416 LOT OF 80-TAPER TOOLING  
 417 MILWAUKEE CORE DRILL WITH HOSES & CORE BITS

### LOT DESCRIPTION

418 LOT OF POLY SPILL PALLETS  
 419 ALUMINUM TOOL BOX  
 420 NATURAL GAS INFRARED HEATER  
 421 SKID OF SCREW RODS  
 422 SKID OF 50-TAPER TOOLING WITH ARBORS  
 423 KEARNEY & TRECKER MILWAUKEE 10-HP 3CH HORIZONTAL DRILL  
 424 TAILSTOCK  
 425 BLISS NO# 18 PRESS  
 426 SKID OF LADDER ACCESSORIES  
 427 SKID OF LADDER JACKS  
 428 UNIVERSAL KNEE  
 429 LARGE ANGLE  
 430 ANGLE  
 431 DEVLIEG KNEE  
 432 LARGE KNEE  
 433 ROUND SHEET OF STEEL  
 434 MATERIAL CART OF FIXTURE PLATES  
 435 PSK PUMP MODEL PKR-P-9/10052  
 436 MAGNA MOTOR; MOTOR 183-18-0989-0, FRAME DPM56P62, S/N 661/592, CONT. DUTY RPM  
 437 DOERR MOTOR; 3/4 HP, FRAME H56CZ, 1-PHASE  
 438 DOERR MOTOR; 3/4 HP, FRAME H56CZ, 1-PHASE  
 439 WARNER & SWASEY CO. MOTOR; MODEL 183-18-0088-0, FRAME DHR56V, S/N QA42080YP  
 440 MOTOR  
 441 WORK BENCH WITH FULTON VISE  
 442 CABINET WITH CONTENTS  
 443 SHELF WITH CONTENTS; WIRE  
 444 2-TON HOIST  
 445 SKID OF ASSORTED HOIST PARTS AND HOIST INCLUDING 3-TON CM LODESTAR HOIST  
 446 P&H 6,000 LB. CAPACITY TROLLEY  
 447 LOT OF (2) HARRINGTON 1-TON HOISTS  
 448 SKID OF ASSORTED TEFLON  
 449 DEMAG HOIST  
 450 SKID OF STEEL RODS  
 451 TIGER CRANE  
 452 WESTERN MULE FOLD AWAY CRANE  
 453 MAGNETEK AC UNIT; 380/460 VOLT, 3-PHASE, 119-AMP, MODEL DSB60, S/N UG545LM  
 454 G&L METRIC AMERICAN SCALE PLATES  
 455 SKID OF MOTORS  
 456 SKID OF ASSORTED PARALLELS  
 457 BENDER SET  
 458 BENDER SET  
 459 KOEHLER GENERATOR; S/N 33916, 10-KW, 12.5 KVA  
 460 CENTRAL HYDRAULIC 8-TON CAPACITY LONG RAM JACK; SKU #36469  
 461 HELMAR INC. SINGLE PHASE 24-VOLT

## ASTRO AUTOMATION

### LOT DESCRIPTION

462 BATTERY; S/N 0032935-20050  
 463 ELECTRICAL CABINET  
 463 DAYTON AIR COMPRESSOR; MODEL 32968, 2-STAGE, 10-HP, 3-PHASE  
 464 CHIP BLASTER HIGH PRESSURE/HIGH VOLUME COOLANT SYSTEM \*\*\*GO BACK INTO MAIN ROOM\*\*\*  
 465 1-TON HARRINGTON HOIST  
 466 2-TON VET HOIST  
 467 HOIST  
 468 1-TON CHAIN HOIST  
 469 MATERIAL ROLLING RACK WITH STOOLS  
 470 LOT OF WORK TABLES  
 471 DAYTON PEDESTAL FAN  
 472 GE PEDESTAL FAN  
 472A STARRETT SURFACE PLATE #415648  
 473 TURBO SKIMMER; MODEL 02309113, S/N 100348  
 474 TURBO SKIMMER; MODEL 62000108, S/N 100236  
 475 TURBO SKIMMER; MODEL 62809118  
 476 SMALL SKIMMER  
 477 MARVEL TILT ARBOR VERTICAL BANDSAW; MODEL 8LMS, S/N E-266081, HYDRAULIC POWER TILT COLUMN, FEED TABLE STATIONARY, VICE HYDRAULIC, HOLD DOWN, HYDRAULIC LIFT ROLLERS, 1 1/4" BLADE SURE LINE AUTO BLADE CONTROL, EXTENDED SAW COLUMN  
 478 DOALL HORIZONTAL AUTOMATIC POWER BANDSAW C-57, 144" BLADE, ADJUSTABLE SAW GUIDE ARM WIDTH, POWER VISE, OUTSIDE MANUAL VISE TAILSTOCK, STOCK TRAY, 5' CONVEYOR  
 479  
 480 LOT OF STEEL SHORT BEAM  
 481 WELLS METAL BANDSAW; MODEL 5M, 1/3 HP MOTOR  
 482 POWERMATIC VERTICAL BANDSAW; MODEL 87, 24" X 24" CONTOUR TABLE, BAND WELDER, 150-4,000 SFM  
 483 JET BELT SANDER/DISC GRINDER; MODEL JSF-6DC, 1/2 HP MOTOR, 1-PHASE, 6" BELT, 12" DISC, CONTOUR DISC TABLE  
 484 LASSY TOOL CO. TAPPING MACHINE WITH TAPS  
 485 ENGELBERG BELT SANDER  
 486 ROCKWELL BELT SANDER  
 487 FILING CABINET WITH CONTENTS  
 488 LOT OF ASSORTED SAWBLADES  
 489 POWERMATIC VERTICAL BANDSAW; MODEL 26, POWER TABLE FEED, 31" X 24" TABLE, IDEAL BAND WELDER, VARIABLE SPEED  
 490 BENDING TEST FIXTURE  
 491 GREENERD ARBOR PRESS

### LOT DESCRIPTION

492 RODGERS 60-TON SHOP PRESS; MODEL S6013, S/N S601818, RAM TRAVEL IN 13"  
 493 ROLLING MATERIAL TABLE WITH CONTENTS  
 494 HOBART CYBER-WAVE 300S AC/DC WELDER  
 495 LINCOLN ELECTRIC SQUARE WAVE TIG 255 WELDER WITH BERNARD CHILLER  
 496 THERMAL ARC 300 GMS DC INVERTER ARC WELDER WITH MILLER 24-VOLT CONSTANT SPEED, WIRE FEEDER, MODEL S-60  
 497 ELECTRIC ARC WELDER 15 1/2" X 17 1/2" TABLE VARIABLE POWER STROKE WITH VISE  
 498 RACK WITH LEADS  
 499 MILLER MSW41 SPOT WELDER  
 500 ESAB PLASMA CUTTER WITH HEAD & LEADS  
 501 LOT OF ASSORTED WELDING WIRE  
 502 (2) FILING CABINETS WITH INSIDE CONTENTS  
 503 ROLLING DIE LIFT CART  
 504 CHICAGO BENDING BRAKE; SIZE 512  
 505 CONNECTICUT BENDING BRAKE; MODEL U416, 4' CAP  
 506 TENNSMITH FOOT KICK SHEAR; MODEL 43616, S/N 17227, 16-GA MILD STEEL CAP, 36" WIDTH CAP  
 507 CINCINNATI FAN SINGLE PHASE  
 508 LOT OF ASSORTED SHOP VACS  
 509 ROLLING MATERIAL CART  
 510 LOT OF FLOOD LIGHTS  
 511 WELDING TABLE WITH VISE  
 512 RANSOME WELDING POSITIONER  
 513 BIN OF ASSORTED LARGE WRENCHES  
 514 BIN OF ASSORTMENT OF WELDING SUPPLIES  
 515 LARGE COMPOUND CROSS SLIDE \*\*\*GO INTO NEXT ROOM ON LEFT\*\*\*  
 516 LEBLOND MAKINO 22" X 96" ENGINE LATHE; S/N 14F-383, 3-PHASE, 60-HZ, 9 1/2" OVER CENTER, 15 1/2" SWING OVER BED, 9 1/2" OVER CROSS SLIDE, 30" BETWEEN CENTER, 5' 6" BEND LENGTH, TAILSTOCK CROSS SLIDE, DTM  
 517 LEBLOND REGAL 24" X 96" ENGINE LATHE; S/N 5H457, 12 1/2" OVER CENTER, 26" SWING OVER BED, 18 1/4" OVER CROSS SLIDE, 48" BETWEEN CENTER, 2 1/4" BAR THRU SPINDLE TAILSTOCK, SIDEWAY ALORIS TOOL POST, WASH SYSTEM, 18" 4-JAW CHUCK, STEADY REST  
 518 1990 MAZAK QUICK TURN 15N SLANT BED LATHE; S/N 9060, TAILSTOCK, 4-STATION TOOL HOLDER, 8" 3-JAW CHUCK, FOOT SWITCH, MAZATROL T32-2 CNC DRO CONTROL  
 519 2000 HAAS SL-30 SLANT BED CNC LATHE BRUSHLESS SERVO, 12-STATION TOOL CHARGER, LIVE TOOLING, 10" 3-JAW CHUCK,

## ASTRO AUTOMATION

### LOT DESCRIPTION

S/N 62901, AUTO DOOR, HAAS CNC DRO CONTROL

520 CLAUSING COLCHESTER 15" LATHE; 6' BED, 7.5" OVER CENTER, 15.25" SWING OVER BED, TAILSTOCK, 9.5" SWING OVER CROSS SLIDE, DORIAN & DTM QUICK CHANGE TOOL POST, 25-2,000 RPM, ROTARY ACCESSORY 10" 3-JAW CHUCK, WASH SYSTEM, STEADY REST, 2.125" BORE THRU

521 PRATT & WHITNEY 12X54 GAP BED LATHE; MODEL C, 650-12, 6" BED, 14-1,000 RPM, 7" OVER CENTER, 13.8" SWING OVER BED, TAILSTOCK, SLIDEWAY TOOL POST, 10" 4-JAW CHUCK

522 CLAUSING COLCHESTER 15" LATHE 6' BED, 7.5" OVER CENTER, 15.25" SWING OVERBED TAILSTOCK, 9.5" SWING OVER CROSS SLIDE, DORIAN & DTM QUICK CHANGE TOOL POST, 25-2,000 RPM ROTARY ACCESSORY 8", 3-JAW CHUCK, WASH SYSTEM, STEADY REST, 2.125" BORE THRU

523 HARDINGE PRECISION TOOL ROOM LATHE; MODEL TFB, 165-1,759 SPINDLE RPM, 4 1/2" OVER CENTER, 8 7/8" SWING, DOVETAIL BED, 30" BED, TAILSTOCK, SLIDEWAY, DORIAN QUICK CHANGE TOOL POST, 1 1/8" BAR THRU SPINDLE

524 HARDINGE SUPER PRECISION TOOL ROOM LATHE; MODEL HLV-H, S/N HLV-H-1362, HIGH SPEED 125-3,000 RPM, HI/LO, DOVETAIL BED, 36" BED, 5.5" OVER CENTER, 11" SWING OVER BED TAILSTOCK SLIDEWAY, DORIAN QUICK CHANGE TOOL POST, VARIABLE SPEED POWER CARRIAGE FEED 1/8" BAR THRU SPINDLE

525 LOT OF BACK COUNTER BORE TOOLS

526 TOOL CHEST WITH MACHINIST TOOLING

527 LOT OF ASSORTED JAWS

528 LOT OF ASSORTED TOOLING

529 LOT OF ASSORTED TAPER SHANK TOOLS & HOLDERS

530 23 1/2" FACE PLATE

531 21" UNIVERSAL 3-JAW CHUCK

532 15" UNIVERSAL 3-JAW CHUCK

533 12 1/2" UNIVERSAL 6-JAW CHUCK

534 STEADY REST

535 FOLLOWER REST

536 FACE PLATE

537 FACE PLATE

538 STEADY REST

539 FOLLOWER REST

540 LOT OF (2) CABINETS WITH CONTENTS

### LOT DESCRIPTION

541 STEEL WORK TABLE WITH WOOD TOP & ROCK ISLAND VISE

542 SPV TAP DRIVER

543 SPV TAP DRIVER

544 TG150 COLLET HOLDER

545 TOOL POST

546 ZENTAST TOOL

547 LEBLOND CHUCK WRENCH

548 BURNERD MULTI SIZE COLLETS & COLLET CHUCKS

549 3-TON YALE HOIST

550 CABINET WITH CONTENTS

551 LOT OF ASSORTED TAPS

552 LOT OF ASSORTED TAPS

553 LOT OF ASSORTED TAPS

554 CART WITH ASSORTED ELECTRICAL PARTS

555 36" CYLINDRICAL SQUARE

556 LOT OF DRILL BITS

557 LOT OF DRILL BITS

558 LOT OF DRILL BITS

559 LOT OF DRILL BITS

560 LOT OF DRILL BITS

561 LOT OF DRILL BITS

562 LOT OF DRILL BITS

563 LOT OF KENNAMETAL KM TOOLING

564 LOT OF TURNING TOOLS

565 LOT OF LATHE TOOLS

566 LOT OF LATHE TOOLS

567 LOT OF LATHE TOOLS

568 LOT OF LATHE TOOLS

569 LOT OF TURNING TOOL HOLDERS

570 LOT OF TURNING TOOL HOLDERS

571 LOT OF TURNING TOOL HOLDERS

572 LOT OF TURNING TOOL HOLDERS

573 LOT OF JAWS FOR CNC LATHE CHUCK

574 CABINET WITH CONTENTS

575 PAIR OF PARALLELS

576 V-BLOCK

577 90-DEGREE HEAD FOR BRIDGEPORT FOR 90-DEGREE DRILL CHUCK

578 MAZAK CHUCK WRENCH

579 ASSORTED TOOLS FOR MAZAK

580 PIE JAWS

581 LOT OF CHUCK JAWS

582 LOT OF CHUCK JAWS

583 LOT OF CHUCK JAWS

584 STEEL TABLE WITH WOOD TOP & CLEVELAND VISE

585 HAAS TURRET TOOL HOLDERS

586 REINSHAW NCI

587 CABINET WITH CONTENTS



## ASTRO AUTOMATION

### LOT DESCRIPTION

588 SET OF 3J COLLETS ON STAND  
 589 WORK STATION WITH CONTENTS  
 590 CART WITH NUTS & BOLTS  
 591 ROLLING MATERIAL CART WITH COLLETS  
 592 ROLLING CART WITH COLLETS  
 593 CABINET WITH COLLETS  
 594 ROLLING CART WITH SOLVING; MODEL SE15-2.5, S/N 67978C, 5,000 LB. CAPACITY, PNEUMATIC AIR LIFTING SYSTEM  
 595 SKID OF FATIGUE MATS  
 596 PRODUCTION WORK STATION POSI-PLACI ROTARY TRANSFER MACHINE  
 597 WORK TABLES (X2)  
 598 FILING CABINETS (X3)  
 599 SHELF WITH CONTENTS  
 600 HP DESIGN JET 800PS PLOTTER  
 601 TABLE WITH CONTENTS  
 602 STENCIL MACHINE WITH CABINET & CONTENTS  
 603 ROTO TEC PROCESS SHAFT PROTECTOR KIT  
 604 LOT OF AIR REGULATORS & GAUGES  
 605 GAS MASK & RESPIRATOR  
 606 METAL WORK TABLE WITH WOODEN TOP  
 \*\*\*GO INTO INSPECTION ROOM\*\*\*  
 607 10' BUSH STRAIGHT EDGE  
 608 SHELF WITH CONTENTS  
 609 METAL WORK STATION WITH WOOD TOP & ELECTRICAL OUTLETS  
 610 LOT OF (3) MICROMETERS  
 611 LOT OF (2) MITUTOYO MICROMETERS  
 612 LOT OF (2) MITUTOYO MICROMETERS  
 613 LOT OF (2) MITUTOYO MICROMETERS  
 614 MITUTOYO 2-3'-001" MICROMETERS  
 615 MITUTOYO 3-4"-001" MICROMETERS  
 616 TESA 2"-3" MICROMETERS  
 617 MITUTOYO 2"-3" MICROMETER  
 618 TESA 5"-6" MICROMETER  
 619 MITUTOYO 6-12"-001" MICROMETER  
 620 BROWN & SHARPE MICROMETER  
 621 STARRETT NO. 224 2"-6" MICROMETER  
 622 FOWLER 6-12" MICROMETER  
 623 MITUTOYO 5"-6"-0001" MICROMETER  
 624 LOT OF BROWN & SHARPE MICROMETERS  
 625 LOT OF STARRETT MICROMETERS  
 626 FOWLER 16-20" MICROMETER  
 627 SCHERR TUMICO 16-20" MICROMETER  
 628 FOWLER 16-20" MICROMETER  
 629 EXTEND REACH MICROMETERS  
 630 STARRETT NO. 724 12"-18" MICROMETER  
 631 WORK DESK WITH LIGHT  
 632 MICROMETER  
 633 STARRETT MICROMETER

### LOT DESCRIPTION

634 CRAFTSMAN TOOL BOX WITH CONTENTS  
 635 WOODEN TABLE WITH CONTENTS  
 636 KODAK CONTOUR PROJECTOR; MODEL 30  
 637 PAIR OF PARALLELS  
 638 LOT OF COVENTRY GAGES  
 639 LOT OF PLUG GAGES  
 640 CABINET WITH CONTENTS; PLUGS & RINGS  
 641 LOT OF PLUGS  
 642 V-BLOCK  
 643 CABINET  
 644 CABINET WITH CONTENTS; ASSORTED GAGES & RINGS  
 645 CABINET WITH CONTENTS; ASSORTED GAGES & RINGS  
 646 CABINET WITH CONTENTS; ASSORTED GAGES & RINGS  
 647 CABINET WITH CONTENTS; ASSORTED GAGES & RINGS  
 648 LOT OF GAGE RINGS  
 649 LOT OF GAGE RINGS  
 650 LOT OF GAGE RINGS  
 651 LOT OF GAGE RINGS  
 652 LOT OF THREAD PLUGS  
 653 LOT OF ASSORTED GAGES  
 654 LOT OF ASSORTED PLUG SPLINE GAGES  
 655 LOT OF ASSORTED PLUG SPLINE GAGES  
 656 LOT OF ASSORTED PLUG SPLINE GAGES  
 657 LOT OF ASSORTED GAGES  
 658 CONTAINER OF ASSORTED PLUG SPLINE GAGES  
 659 LOT OF ASSORTED PLUG SPLINE GAGES  
 660 CONTAINER OF ASSORTED PLUG SPLINE GAGES  
 661 CONTAINER OF ASSORTED RING GAGES  
 662 CONTAINER OF ASSORTED RING GAGES  
 663 METAL WORK DESK WITH WOODEN TOP & ELECTRICAL OUTLETS  
 664 3' X 4' COLLINS MICRO-FLAT GRANITE TABLE  
 665 EX-CELLO BENCH CENTER  
 666 K.O. LEE CO. BENCH CENTER; MODEL BC3, S/N 1545  
 667 32"-56" STARRETT INSIDE MICROMETER  
 668 INSIDE MICROMETER  
 669 MICROMETER INSETS; 20", 21", 22"  
 670 12" LENGTH STANDARDS  
 671 18"-24" O.D. MICROMETER WITH STANDARDS  
 672 4"-36" INSIDE MICROMETERS  
 673 2' X 3' DO ALL GRANITE SURFACE PLATE ON ROLLING CART  
 674 1 1/2" - 12" INSIDE MICROMETER  
 675 0" - 3" STARRETT DEPTH MICROMETER

## ASTRO AUTOMATION

### LOT DESCRIPTION

676 0" - 3" DEPTH MICROMETER  
 677 LOT OF (2) GROVE MICROMETERS  
 678 LOT OF (2) INTRIMIKS  
 679 LOT OF (2) INTRIMIKS  
 680 LOT OF (2) DEPTH MICROMETERS  
 681 4" - 5" BOWERS INTERNAL MICROMETER  
 682 5" - 6" BOWERS INTERNAL MICROMETER  
 683 3"-4" BOWERS INTRIMIKS WITH RING  
 684 LOT OF (2) SINE BARS  
 685 LOT OF SNAP GAGES  
 686 TECLOCK DIAL BORE GAGE  
 687 BOICE DIAL BORE GAGE; MODEL #2, 1/2"-1"  
 OVERALL RANGE  
 688 STARRETT NO. 199 MASTER PRECISION LEVEL  
 689 STARRETT NO. 199 MASTER PRECISION LEVEL  
 690 10" SINE BAR  
 691 3' X 4' DO ALL GRANITE SURFACE TABLE ON  
 ROLLING STAND  
 692 LOT OF PLANAR GAGE  
 693 LOT OF PARALLELS  
 694 LOT OF PARALLELS  
 695 LOT OF PARALLELS  
 696 LOT OF PARALLELS  
 697 LOT OF PARALLELS  
 698 LOT OF PARALLELS  
 699 LOT OF GAGE BLOCKS  
 700 LOT OF GAGE BLOCKS  
 701 MITUTOYO GAGE BLOCKS  
 702 LOT OF ANGLE BLOCKS  
 703 LOT OF ANGLE BLOCKS  
 704 BORE GAGE  
 705 LOT OF ASSORTED SINE BARS  
 706 BOICE ADJUSTABLE NAP GAGE WITH FEDERAL  
 INDICATOR  
 707 1"-2" BOICE ADJUSTABLE SNAP GAGE  
 708 2 1/2"-4" BOICE ADJUSTABLE SNAP GAGE  
 709 LOT OF TRI-MICS  
 710 LOT OF TRI-MICS  
 711 LOT OF (2) TELESCOPING BORE GAGE  
 MICROMETERS  
 712 LOT OF ASSORTED GAGES  
 713 LOT OF ASSORTED PARALLELS  
 714 LOT OF (2) FOWLER RADIUS GAGES  
 715 LOT OF (3) PLUG GAGES  
 716 LOT OF (3) PLUG GAGES  
 717 LOT OF (3) PLUG GAGES  
 718 LOT OF (3) PLUG GAGES  
 719 LOT OF (2) PLUG GAGES; MODEL M-0  
 720 LOT OF JACK SCREWS  
 721 LOT OF ASSORTED PROTRACTORS  
 722 HARDNESS TESTER

### LOT DESCRIPTION

723 ELECTRONIC CALIPER GAGE FOR INSIDE  
 MEASUREMENT  
 724 ELECTRONIC CALIPER GAGE FOR INSIDE  
 MEASUREMENT  
 725 LOT OF DIAMETER STANDARDS  
 726 TAPER GAGE  
 727 DESK WITH CONTENTS INSIDE  
 728 2' X 3' CHALLENGE GRANITE SURFACE; GRADE  
 A  
 729 FILING CABINETS WITH CONTENTS (X2)  
 730 DILLON FORCE GAUGE  
 731 DILLON FORCE GAUGE  
 732 CHATILLON 50 LB. FORCE GAUGE  
 733 MOREHOUSE RING FORCE 50 LB. GAUGE  
 734 SAMLEX ELECTRIC COMPANY ADJUSTABLE DC  
 POWER SUPPLY; PSA-305  
 735 TURN MATE ACU-RITE  
 736 SCHMIDT STAMPING MACHINE; MODEL 4, S/N  
 48451  
 737 PROFILOMETER; MEASURES SMOOTHNESS OF  
 SURFACE  
 738 MICROSCOPE  
 739 BAUSCH & LOMB MICROSCOPE  
 740 THERMOELECTRIC METAL TESTER  
 741 GAGE TESTER  
 742 GAGE TESTER  
 743 SCALES  
 744 AMTEK 200 LB.  
 745 TESTER  
 746 LOT OF RINGS; 4 1/2" - 5 1/2"  
 747 COLMAN PORTABLE HAND HELD HARDNESS  
 TESTER  
 748 CENTER SCOPE  
 749 LOT OF ASSORTED GAUGES  
 750 DETROIT TESTING MACHINE CO. STRENGTH  
 TESTER  
 751 DETROIT TESTING MACHINE CO. STRENGTH  
 TESTER  
 752 ELECTROMARK CHEMICAL MARKER  
 753 PIGEON HOLE CABINET  
 754 CABINET WITH CONTENTS  
 755 LOT OF LENGTH STANDARDS  
 756 SET OF PIN GAGES  
 757 SET OF PIN GAGES  
 758 SET OF PIN GAGES  
 759 LOT OF PIN GAGES  
 760 LOT OF PIN GAGES  
 761 LOT OF PIN GAGES  
 762 LOT OF PIN GAGES  
 763 SET OF PIN GAGES  
 764 SET OF PIN GAGES

## ASTRO AUTOMATION

### LOT DESCRIPTION

765 SET OF PIN GAGES  
 766 SET OF PIN GAGES  
 767 SET OF PIN GAGES  
 768 SET OF PIN GAGES  
 769 SET OF PIN GAGES  
 770 SET OF PIN GAGES  
 771 DESK WITH CONTENTS  
 772 2-DOOR WOOD CABINET  
 773 2-DOOR WOOD CABINET  
 774 2-DOOR WOOD CABINET  
 775 LOT OF LENGTH STANDARDS  
 776 80" STEEL SCALE BAR  
 777 8' STRAIGHT EDGE  
 778 LOT OF (2) STRAIGHT EDGES  
 779 4' X 6' RAHN GRANITE SURFACE TABLE  
 780 WILSON HARDNESS TESTER  
 781 SQUARE MASTER SQUARE TESTER  
 782 BROWN & SHARPE TRANSFER GAUGES  
 783 BROWN & SHARPE TRANSFER GAUGES  
 784 RISER BLOCK  
 785 FOWLER TRIMOS ELECTRONIC HEIGHT GAUGE  
 786 COMMAND CORP. TOOL SETTER  
 787 LOT OF MACHINIST SQUARES  
 788 MACHINIST SQUARE ON STAND  
 789 MACHINIST SQUARE ON STAND  
 790 LOT OF INDICATOR BASES  
 791 LOT OF INDICATOR BASES  
 792 HEIGHT GAUGE  
 793 HEIGHT GAUGE  
 794 HEIGHT GAUGE  
 795 HEIGHT GAUGE  
 796 NUCO SURFACE PLATE  
 797 SURFACE PLATE  
 798 STARRETT SURFACE PLATE  
 799 MITUTOYO VENEER CALIPER; SERIES 160  
 800 CALIPER  
 801 CALIPER  
 802 LOT OF (2) DIAL INDICATORS  
 803 MITUTOYO DIAL INDICATOR  
 804 LOT OF (2) DIAL INDICATORS  
 805 LOT OF (2) DIAL INDICATORS  
 806 LOT OF (2) DIAL INDICATORS  
 807 LOT OF TRAVEL INDICATORS  
 808 24" DIAL CALIPER  
 809 MAGNETIC BASE WITH INDICATOR  
 810 LOT OF MITUTOYO MICROMETER HEADS  
 811 MIRACLE POINT MERCURY BALANCED  
 INDICATOR  
 812 MITUTOYO PROTRACTOR  
 813 MITUTOYO PROTRACTOR  
 814 CO AXIAL INDICATOR

### LOT DESCRIPTION

815 LOT OF ASSORTED TEST INDICATORS  
 816 LOT OF ASSORTED DIAL TEST INDICATORS  
 817 LOT OF ASSORTED DIAL TEST INDICATORS  
 818 LOT OF PRESSURE GAUGES & HARD  
 TACHOMETER  
 819 LOT OF GRANITE SURFACE PLATES  
 820 4' X 8' ROCK OF AGES SURFACE PLATE TABLE  
 \*\*\*GO OUT DOOR TO THE LEFT\*\*\*  
 821 MARQUE WITH LETTERS  
 822 CONTAINER OF LARGE PIN GAUGES  
 823 CONTAINER OF LARGE PIN GAUGES  
 824 CONTAINER OF LARGE PIN GAUGES  
 825 CONTAINER OF LARGE PIN GAUGES  
 826 METAL WORK TABLE WITH WOODEN TOP  
 827 2-DOOR CABINET  
 828 SMALL BENDER  
 829 BUCKET OF LARGE DRILL BITS  
 830 CONTAINER OF DRILL BITS  
 831 CONTAINER OF REAMERS  
 832 CONTAINER OF REAMERS  
 833 CONTAINER OF REAMERS  
 834 CONTAINER OF PIPE BENDERS & CUTTERS  
 835 HEINRICH VISE  
 836 COUNTER  
 837 VIDMAR CABINET WITH CONTENTS  
 838 VIDMAR CABINET WITH CONTENTS  
 839 VIDMAR CABINET WITH CONTENTS  
 840 SHELF WITH CONTENTS  
 841 CABINET WITH CONTENTS  
 842 SHELF WITH CONTENTS  
 843 SHELF WITH CONTENTS  
 844 CABINET WITH CONTENTS  
 845 CABINET WITH CONTENTS  
 846 CABINET WITH CONTENTS  
 847 CABINET WITH CONTENTS  
 848 ROLLING MATERIAL CART WITH CONTENTS;  
 ASSORTED NUTS & BOLTS  
 849 ROLLING MATERIAL CART WITH CONTENTS;  
 DRILL BITS  
 850 K.H. HUPPERT CO. HEAT TREAT OVEN; S/N 236,  
 TYPE ST  
 851 K.H. HUPPERT CO. HEAT TREAT OVEN; S/N 418,  
 TYPE ST, 220-VOLT, 5-PH  
 852 CONTAINER OF AIR HOSE  
 853 CONTAINER OF AIR HOSE  
 854 2-WHEEL DOLLY  
 855 HARPER 2-WHEEL DOLLY  
 856 TABLE WITH BROOMS & DUST PANS \*\*\*GO  
 INTO GRINDING ROOM\*\*\*  
 857 DAYTON BENCH GRINDER ON PEDESTAL;  
 MODEL 3Z144, 1-HP, 60/50 CYCLE, FRAME H56Y,

## ASTRO AUTOMATION

### LOT DESCRIPTION

858 1,725 RPM, 3-PHASE  
WORK STATION WITH (2) BENCH GRINDERS  
MOUNTED WITH LIGHT

859 DAREX DRILL SHARPENER ON PEDESTAL; 1/3  
HP, 3,450 RPM, 115-VOLT, 4.2 AMPS, 60-HZ

860 PROSSER 7" CARBIDE GRINDER; 1/2 HP, 450  
RPM, 116 FRAME, 3-PHASE

861 TORIT DUST COLLECTOR; MODEL 84

862 COVELOXCEL TOOL & CUTTING GRINDER;  
MODEL 6, 50" X 6" TABLE

863 TORIT DUST COLLECTOR; MODEL 6

864 FILING CABINET

865 CABINET WITH STONES

866 CABINET WITH CONTENTS

867 SHELF WITH CONTENTS

868 SHELF WITH CONTENTS

869 SHELF WITH CONTENTS

870 GRAYMILLS PUMPING SYSTEM

871 BRINKMAN 1-HP BENCH TOP CUTTING  
MACHINE; MODEL 1015

872 BROWN & SHARPE NO. 1A UNIVERSAL  
GRINDING MACHINE; POWER CROSS FEED,  
VARIABLE SPEED, SWIVEL TABLE, TAILSTOCK,  
POWER HEADSTOCK, SPINDLE, HEADSTOCK  
JOG, S/N 521-1-733

873 BALDOR PEDESTAL BUFFER/GRINDER; 3-HP, 3-  
PHASE, 50/80 CYCLE, 828M FRAME, S/N F1186

874 RYOBI 15" CHOP SAW ON CART

875 CINCINNATI TOOL GRINDER/CUTTER; MODEL  
1D2T5H, S/N 1D2T5H, 50" X 6" TABLE, HARIG AIR  
FLOW MILL FIXTURE, S/N E022179, K.O. LEE  
INDEX COLLET ATTACHMENT

876 CINCINNATI NO. 2 TOOL GRINDER/CUTTER;  
CENTER LESS GRINDING ATTACHMENT,  
COLLET GRIND/CUT ATTACHMENT, 45 1/2" X 6"  
TABLE, 24" LONG. TRAVEL 12.50" VERTICAL  
TRAVEL, 10" CROSS TRAVEL, POWER TABLE  
FEED, S/N 1D2T54-5B, MODEL DO

877 TECO ELECTRIC AND MACHINE CO. TOOL CUT  
AND GRINDER, TOOL POST, CENTER

878 HOMECRAFT 8" TABLE SAW ON ROLLING  
TABLE

879 CABINET WITH CONTENTS

880 REID MODEL 618V SURFACE GRINDER WITH  
BROWN & SHARPE 18" X 6" MAGNETIC CHUCK  
MOUNTED

881 BLOWER

882 DARRA JAMES 640 PLANER

883 DELTA TABLE SAW

884 HILTI PNEUMATIC NAIL GUN

885 PNEUMATIC NAIL GUN

### LOT DESCRIPTION

886 DUFF NORTON 50-HP HYDRAULIC PUMP

887 GUARDAIR GUN VAC; MODEL 1400

888 HENRICH PNEUMATIC VISE

889 GENERAL PNEUMATIC IMPACT WRENCH

890 TOOL HEAD

891 LOT OF SAFETY SHIELDS

892 LOT OF SAFETY SHIELDS

893 WOODEN TABLE

894 EMPIRE SANDBLAST CABINET; MODEL EF-2448,  
S/N C-13721

895 UNITED STATES ELECTRIC CO. DOUBLE END  
BENCH GRINDER; 1,750 RPM, 3-HP

896 1994 RUSH DRILL BIT SHARPENER; MODEL 382,  
S/N 1884, 1-HP, 7 1/2" 6-JAW CHUCK,  
REDUCTION DRIVE, ROTARY BASE

897 RACK

898 10" CRAFTSMAN RADIAL SAW

899 LAPPING PLATE

900 DEMAGNETIZER

901 SMALL DRILL PRESS TWIN HEADS

902 BUEHLER LIMITED BENCH PLATE

903 DRILL PRESS

904 SANDING WHEEL

905 SKID OF SANDING MATERIAL

906 CONTAINER OF WIRE WHEELS

907 LOT OF SAW BLADES

908 LOT OF HOLE SAWS

909 LOT OF HOLE SAWS

910 LOT OF HOLE SAWS

911 LOT OF CHANNEL LOCKS

912 LOT OF WHEEL DRESSERS

913 LOT OF OIL CANS

914 FLEXIBLE DRILL WITH FOOT PEDAL

915 LOT OF BURRS

916 FORSTNER BIT SET

917 BLACK & DECKER 7 1/4" SAW; 1 1/2 HP

918 WORK BENCH WITH VISE & CONTENTS

919 CLAMP

920 LOT OF (2) CLAMPS

921 LOT OF SQUARES

922 LOT OF SQUARES

923 LOT OF SQUARES

924 LOT OF LEVELS

925 LOT OF LEVELS

926 LOT OF LEVELS

927 LOT OF CROWBARS

928 LOT OF CROWBARS

929 LOT OF PINCH BAR

930 LOT OF CEMENT TOOLS

931 DESK \*\*\*GO LEFT INTO THE GARAGE\*\*\*

932 AIRTEK AIR COMPRESSOR (10 DAY DELAY)

## ASTRO AUTOMATION

### LOT DESCRIPTION

REMOVAL)  
 933 CONTAINER OF ELECTRIC CORDS  
 934 LOT OF ELECTRIC CORDS  
 935 WORK BENCH WITH WOODEN TOP  
 936 SKATE  
 937 PAIR OF SKATES  
 938 PAIR OF SKATES  
 939 PAIR OF SKATES  
 940 BASKETS OF RATCHET STRAPS (X2)  
 941 LOT OF RATCHET STRAPS  
 942 LOT OF LIFTING STRAPS  
 943 LOT OF LIFTING STRAPS  
 944 LOT OF LIFTING STRAPS  
 944A CABINET  
 945 LIFTING CHAIN WITH 4-HOOKS  
 946 LIFTING CHAIN WITH 3-HOOKS  
 947 LIFTING CHAIN WITH 2-HOOKS  
 948 LIFTING CHAIN WITH 2-HOOKS  
 949 LIFTING CHAIN WITH 2-HOOKS  
 950 LIFTING CHAIN WITH 2-HOOKS  
 951 6' 3/8" LIFTING CHAIN WITH 2-HOOKS  
 952 6' LIFTING CHAIN WITH 2-HOOKS  
 953 LIFTING CHAIN WITH 2-HOOKS  
 954 LIFTING CHAIN WITH 2-HOOKS  
 955 LIFTING CHAIN WITH 4-HOOKS  
 956 LIFTING CHAIN WITH 2-HOOKS  
 957 6' 1/2" LIFTING CHAIN WITH 2-HOOKS  
 958 6' 1/2" LIFTING CHAIN WITH 2-HOOKS  
 959 LIFTING CHAIN WITH 4-HOOKS  
 960 LIFTING CHAIN WITH 2-HOOKS  
 961 LOT OF CABLE WITH HOOKS  
 962 LIFTING CHAIN  
 963 CONTAINER OF CHAINS  
 964 CONTAINER OF CHAINS  
 965 LOT OF LIFTING CABLES  
 966 PAIR OF JACKS  
 967 JACKS (X4)  
 968 JACKS (X4)  
 969 PAIR OF JACKS  
 970 WORK BENCH  
 971 50' IKAR THOR 3-WAY SYSTEM; 3,470 LB.  
 972 LOT OF JOHNSON BARS  
 973 PAIR OF 3-TON GRABBING BAR  
 974 LIFTING CLAMP  
 975 LIFTING CLAMP  
 976 COME-A-LONG  
 977 COME-A-LONG  
 978 COME-A-LONG  
 979 COME-A-LONG  
 980 1/2 TON DRUM LIFTER  
 981 LOT OF (4) LIFTING DEVICES

### LOT DESCRIPTION

982 PAIR OF LIFTING DEVICE  
 983 SPX POWER TEAM 11-TON CAPACITY JACK  
 984 SPX POWER TEAM JACK  
 985 SPX POWER TEAM JACK  
 986 BOTTLE JACK  
 987 JACK  
 988 METAL WORK BENCH WITH WOODEN TOP  
 989 FLAMMABLE CABINET  
 990 LOT OF (3) RATCHET BINDERS  
 991 LOT OF (3) RATCHET BINDERS  
 992 LOT OF (3) RATCHET BINDERS  
 993 LOT OF (2) RATCHET BINDERS  
 994 CABINET WITH CONTENTS  
 995 OHAUS 100 LB. SCALE ES SERIES  
 996 CONTAINER OF D-RINGS  
 997 CONTAINER OF LIFTING RINGS  
 998 CONTAINER OF LIFTING RINGS  
 999 CONTAINER OF EYE BOLTS  
 1000 CONTAINER OF LIFTING HOOKS  
 1001 CONTAINER OF J-BOLTS  
 1002 LOT OF ASSORTED WHEELS & TIRES  
 1003 VACUUM PUMPS  
 1004 VACUUM PUMP  
 1005 LOT OF SLEDGE HAMMERS  
 1006 LOT OF SLEDGE HAMMERS  
 1007 LIFTING MAGNET  
 1008 CHAIN WRENCH  
 1009 BOLT CUTTERS  
 1010 SNIPPERS  
 1011 CRIMP TOOL  
 1012 LOT OF CLEVELAND VIBRATORS  
 1013 WORK BENCH  
 1014 STANLEY VIDMAR CABINET  
 1015 STANLEY VIDMAR CABINET \*\*\*GO INTO NEXT ROOM ON THE LEFT\*\*\*  
 1016 GENIE LIFT; MODEL GL-8  
 1017 LOT OF PLASTIC BOXES  
 1018 CANTILEVER RACK WITH CONTENTS; THREAD ROD  
 1019 CANTILEVER RACK (NO CONTENT)  
 1020 CANTILEVER RACK (NO CONTENT)  
 1021 (2) SECTIONS OF PALLET RACKING (NO CONTENT)  
 1022 (2) SECTIONS OF PALLET RACKING (NO CONTENT)  
 1023 (2) SECTIONS OF PALLET RACKING (NO CONTENT)