

TOOL ROOM EQUIPMENT LIST

CNC

Wire EDM

- **Agie VP4**, 52" x 39" x 20" Ht
- **Agie VP3**, 41" x 25" x 16" Ht
- **Charmilles Robofil 290P**, 15.75" x 9.8" x 7.87"

VMC

- **Haas VF6**, 28" x 64" Table
- **(2) Haas VF3**, 18" x 48" Table
- **Feeler**, 23" x 51" Table
- **Double Column Bridge Mill Feeler-2214**, 55" x 85" Table

Lathe

- **Fryer ET-18**, 8" Chuck, 8 Station Turret

TOOLING SOFTWARE

- **VISI Progress**
- **AutoForm Forming Simulation**

MANUAL

Drill

- **Ikeda Radial**, 5' x 13"
- **Fosdick Radial**, 4' x 12"
- **Clausing Pedestal**, 32" x 21" Table
- **Clausing Pedestal**, 45" x 29" Table

Heat Treat

- **Lucifer Dual Chamber**
 - High Temp 12" x 21" x 9"
 - Low Temp 12" x 19" x 9"

Mill

- **(5) Bridgeport**, 11" x 48"
- **Kearney & Trecker 3CH**

Saw

- **DoAll Band Saw**, 21" x 31"
- **Wells W-9-1 Cutoff Saw**

Lathe

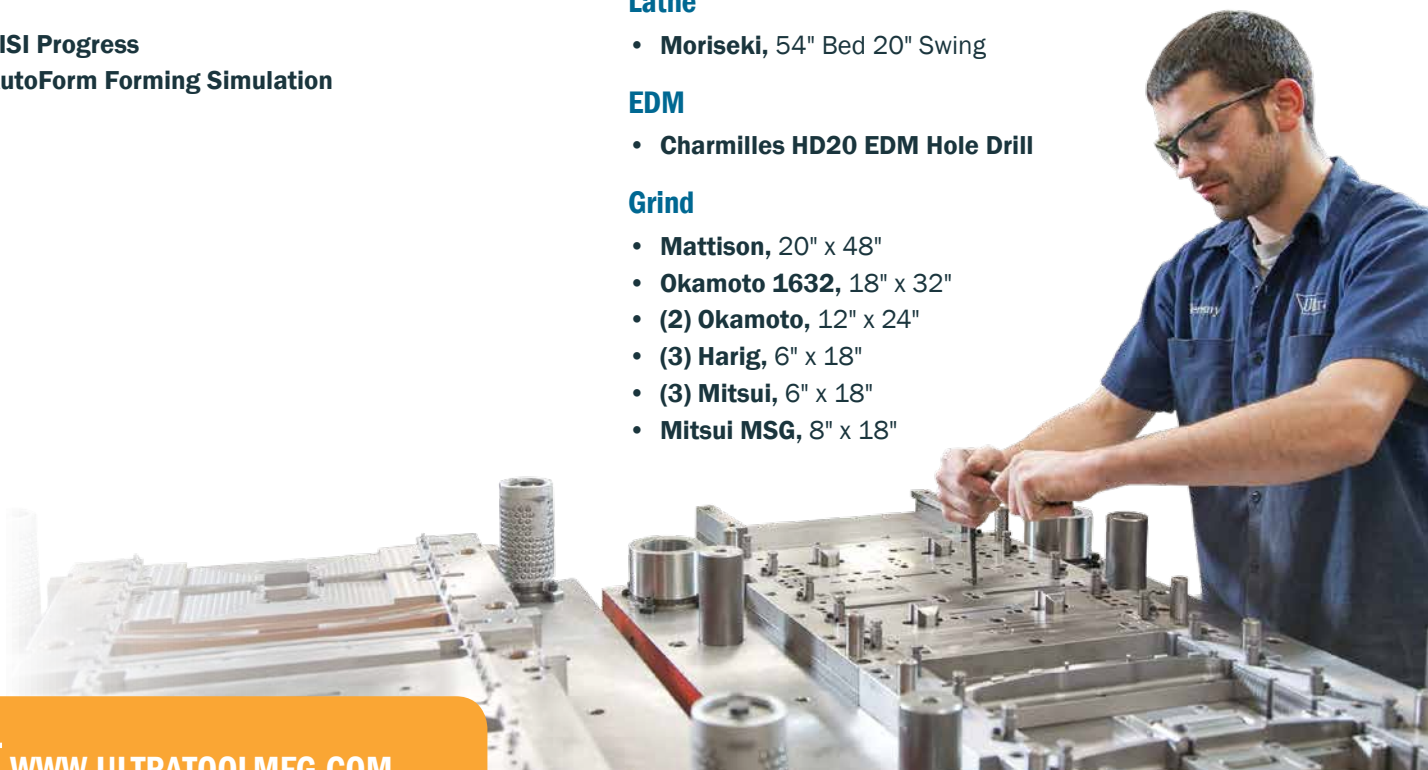
- **Moriseki**, 54" Bed 20" Swing

EDM

- **Charmilles HD20 EDM Hole Drill**

Grind

- **Mattison**, 20" x 48"
- **Okamoto 1632**, 18" x 32"
- **(2) Okamoto**, 12" x 24"
- **(3) Harig**, 6" x 18"
- **(3) Mitsui**, 6" x 18"
- **Mitsui MSG**, 8" x 18"



MANUFACTURING EQUIPMENT LIST

STAMPING

STAMP/AUTOMATIC FEED							
	TON	BED	MAX SPM	STROKE	TYPE	MAX THICKNESS	MAX WIDTH
MINSTER E2-800	800	72" x 168"	40	16"	SSDC	.312"	50"
MINSTER E2-400	400	54" x 120"	60	14"	SSDC	.375"	30"
MINSTER FX2-300	330	48" x 96"	51	11.81"	SSDC	.250"	30"
MINSTER E2-300	300	48" x 96"	60	10"	SSDC	.330"	26"
MINSTER E2-200	200	42" x 60"	60	6"	SSDC	.209"	12"
MINSTER PH2-160	160	33" x 63"	150	4"	SSDC	.250"	12"
MINSTER P2-100	100	31" x 39"	150	3"	SSDC	.250"	14"
MINSTER P2-100	100	31" x 39"	150	4"	SSDC	.187"	14"
MINSTER P2-45	45	38" x 25"	400	2.5"	SSDC	.125"	11"
STAMP/MANUAL FEED							
	TON	BED	STROKE	TYPE			
AIDA NC2-250	275	36" x 106"	11"	Gap			
AIDA NC2-16	176	23" x 81"	5"	Gap			
STAMPTEC OCP-110	110	45" x 27"	7"	Gap			
GREENARD-40	40	15" x 16"	8"	Gap			

VALUE ADDED

Weld

- **Banner Spotwelder**, 75 KVA 18" Throat
- **Banner Spotwelder**, 100 KVA 18" Throat
- **Federal Spotwelder**, 100 KVA 18" Throat
- **TJ Snow Spotwelder PPSA-12-25**, 100 KVA 11" Throat
- **TJ Snow SlimLine Dual Gun Spotwelder**, 120 KVA 18" Throat
- **CNC Panasonic Robotic Welder**, (2) 34" x 15" x 20" Weld Stations
- **Genesis Robotic Welder**, (2) 30" x 40" Weld Stations

Hardware Insert

- **Auto-Sert AS-15 Insertion Press**, 15 Ton 20" Throat
- **Auto-Sert AS-7 Insertion Press**, 7 Ton 20" Throat
- **Pemsertter 3000**, 8 Ton 24" Throat

Machine

- **Brother CNC Tapping Center**
 - Pallet Changer (2) 19.7" x 11.8" Tables
 - 14 Station Tool Holder
 - Trunnion Rotating Tables
- **Robodrill**, a-DiA Series
 - 15.7" x 19.7" x 13" Travel
 - 21 Station Tool Holder
- **Procuier Tapping Machine**, 21" x 30" Table

Part Wash

- **Ultrasonic Parts Washer**, 3 Station System
- **Stoelting Conveyor Belt Wash System**
 - Wash-Rinse-Dry
 - Belt system



QUALITY

Measure

CMM

- **Zeiss Contura**
 - Calypso Software
 - Measuring Range 27" x 39" x 23"
- **Faro Arm**
 - PolyWorks Software
 - Laser Line Probe HD

Comparator

- **Starrett Optical Comparator HB400**, 16" Screen
- **Starrett Optical Comparator HD400**, 16" Screen

Misc

- **Clark Hardness Tester**
- **Mituoyo Microscope**
- **Mahr Digimar CX1 Height Measuring Station**
- **Mituoyo Gage Blocks**
- **Mituoyo Pin Gauges**

MANAGEMENT

ERP System

- **Plex Online**
 - SaaS Software
 - Integrated Accounting, Inventory, Shop Floor and Quality
 - Shop Floor Data Collection

Quality System

- **International Organization for Standardization (ISO)**
 - Registered by Smithers Quality Assessment
 - ISO 9001:2008



FABRICATION EQUIPMENT LIST

LASER CUTTING

Salvagnini L1Xe

- **Positioning Tolerance**, ± 0.004 "
- **Worktable**, 120" x 60"
- **Maximum Power**, 3,000 Watts
- **Cutting Capacity (Thicknesses)**
 - Steel, .700"
 - Stainless Steel, .312"
 - Aluminum, .187"
 - Brass, .187"
 - Copper, .187"

Amada Quattro C02

- **Maximum Power**, 1,000 Watts
- **Cutting Area**, 48" x 48"



BEND

Durma CNC PRESS Brake AD-S Series Model 30135

- **Tons**, 150 Tons
- **Bending Length**, 120"
- **Stroke**, 10.4/14"
- **Throat Depth**, 16.1"



Video Tour:

Watch a walk-through video tour of our facilities.



ISO 9001:2008 CERTIFIED

FORMING RELATIONSHIPS **THAT WORK.**



Ultra Tool & Manufacturing has been a leader in manufacturing, tooling and automation for over 45 years because we deliver solutions that work.

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