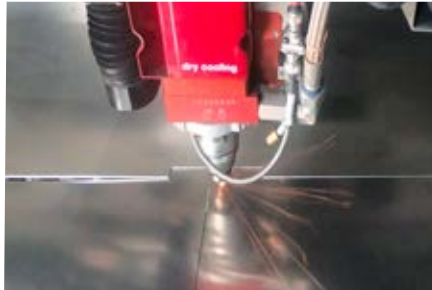
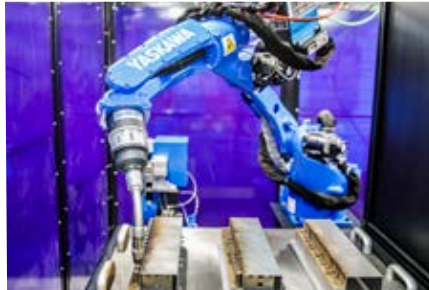




Ajax Metal Forming Solutions is an award-winning manufacturer producing tight-tolerance metal parts for the climate control, transportation, architecture, medical, consumer durables, and engineered products industries. Ajax invests heavily in workforce training, new machinery, and new locations. Your parts are produced quickly, perfectly, and at the lowest possible cost. For these and other reasons, many Ajax customers have trusted us for decades. From quick-turn prototyping to short-run to very efficient long-run, Ajax has delivered manufacturing excellence since 1945.



Fiber Optic Laser Cutting



Robotic Welding



Progressive Stamping

## Metal Forming Capabilities

### Precision Metal Stamping

- Progressive stamping
- Deep draw stamping
- Servo forming
- Short or long run
- Up to 220 tons

### Sheet Metal Fabrication

- 5-axis press brake forming
- Bed lengths up to 14 feet & 230 tons
- Turret press punching & forming to 30 tons
- Proprietary extrusion tooling

### Robotic Welding

- Extremely productive & efficient
- 0.001" of repeatable accuracy
- Fully enclosed, dual workstation cell
- MIG welding on stainless or carbon steel
- 28" x 28" x 24" work zones

### Fiber Optic Laser Cutting

- Networked lasers eliminate bottlenecks
- Cuts high-purity aluminum, copper, brass, galvanized, stainless steel, & more
- Cuts up to ¾ inch steel
- Handles sheets up to 60" x 160"

### In-house tooling

- Design, build & maintain complex tooling
- Progressive, high volume or low cost, short run
- Most current engineering design software
- Die-set electronics for protection & inspection
- Complex in-die assembly & tap
- Tight tolerance capabilities

### Quality Management Systems

- UniPoint enterprise-class applications
- Advanced Project Quality Planning (APQP)
- Production Part Approval Process (PPAP)
- Laser scan inspection & reporting

### Value-added Services

- Kanban supply chain solutions
- Rapid prototyping
- Finishing, painting & plating
- Assembly and kitting

### Codes & Registrations

- Small Business Association (SBA) registered
- System for Award Management (SAM)
- NAICS/CAGE: 3321, 33211, 332116
- SIC: 3469, PSC: 9530, 9535, 9540

**AJAX METAL FORMING MATERIAL GAUGE CHART**

GAUGE	HOT ROLLED/HR P&O/COLD ROLLED				GALVANIZED			STAINLESS STEEL			COPPER/BRASS			ALUMINUM		
	Decimal Equivalent	Tolerance HR/HR	CR	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.
4	0.2242	.2332 .2152		9.375							0.375	0.362 0.388	17.388	0.1900	.1970 .1830	2.690
5	0.2092	.2182 .2002		8.750							0.25	0.238 0.262	11.5919	0.1600	.1670 .1530	2.250
6	0.1943	.2033 .1853		8.125							0.187	0.179 0.195	8.6708	0.1250	.1285 .1215	1.760
7	0.1793	.1873 .1713		7.500				0.1874	.1944 .1804	7.871	0.125	0.118 0.132	5.7959	0.1000	.1035 .0965	1.410
8	0.1644	.1724 .1564		6.875				0.165	.1720 .1580	6.93	0.093	0.083 0.097	4.3122	0.0900	.0935 .0865	1.270
9	0.1495	.1575 .1415		6.250							0.08	0.073 0.087	4.034	0.0800	.0835 .0765	1.130
10	0.1345	.1425 .1285		5.625				0.135	.1410 .1290	5.67	0.063	0.054 0.066	2.9211	0.0710	.0740 .0680	1.000
11	0.1196	.1276 .1116		5.000				0.12	.1250 .1150	5.04				0.0630	.0660 .0600	0.889
12	0.1046	.1126 .0966		4.375				0.1054	.1104 .1004	4.41				0.0500	.0530 .0470	0.706
13	0.0897	.0967 .0827		3.750				0.09	.0940 .0860	3.78				0.0400	.0420 .0380	0.564
14	0.0747	.0817 .0677		3.125				0.0751	.0791 .0711	3.154				0.0320	.0340 .0300	0.452
15	0.0673	.0733 .0613		2.813										0.0250	.0275 .0225	0.353
16	0.0598	.0658 .0538		2.500				0.0595	.0625 .0565	2.499				0.0200	.0225 .0175	0.282
17	0.0538	.0598 .0478		2.250										0.0160	.0185 .0135	0.225
18	0.0478	.0528 .0428		2.000				0.048	.0510 .0450	2.016						
19	0.0418	.0458 .0378		1.750				0.042	.0450 .0390	1.764						
20	0.0359	.0389 .0329		1.500				0.0355	.0375 .0335	1.491						
21	0.0329	.0359 .0299		1.375												
22	0.0299	.0329 .0269		1.250				0.0293	.0313 .0273	1.231						
23	0.0269	.0299 .0239		1.125												
24	0.0239	.0269 .0209		1.000				0.0235	.0250 .0220	0.987						
25	0.0209	.0239 .0179		0.875												
26	0.0179	.0199 .0159		0.750				0.0178	.0193 .0163	0.748						
27	0.0164	.0184 .0144		0.688												
28	0.0149	.0169 .0129		0.625				0.0151	.0166 .0136	0.634						
29																
30																

Weights are based on 1100, 5005, and 6061 alloys. Multiply weights by the following factors:

Alloy	Factor
3003	1.01
2024	1.02
5052	.099
7075	1.03



For information and locations contact Ajax Sales Engineering at 763-277-7760 or visit [Ajaxmfs.com](http://Ajaxmfs.com)