



# We are the Experts

IN PRECISION PART MANUFACTURING



## WHAT WE DO

Cheetah Precision is a specialized full-service manufacturer of precision machined parts. Cheetah Precision can be your manufacturing partner from part inception, design & prototyping, all the way through to fully scaled production runs.

We have multiple machining divisions, all under one roof, to service your needs top to bottom. Our capabilities include: 5 Axis milling, lathe turning/milling, swiss machining, vertical and horizontal milling along with a host of secondary and post-secondary services. With our vast in-house capabilities, we can ensure speed, efficiency and quality in producing your parts.

## INDUSTRIES SERVED

From 1-off medical and aerospace prototypes, to ultra-tight tolerance electro-position sensing parts, to giant hydraulic manifolds, Cheetah Precision boasts an arsenal of equipment capable of machining the most intricate parts that virtually any industry application may require.

**PROTOTYPING** New project? Need test parts? Cheetah Precision offers full prototype services for all industries and applications. We can produce initial one-off parts, advanced prototypes and assist you in going to full production of your parts. From start to finish, we are here to help.

**MILITARY/DEFENSE/AEROSPACE** ITAR Registered, ISO Certified and equipped with Cyber Secure communication. Cheetah Precision is recognized by the US Government and is ready to service your advanced high-tech production needs, and we are well versed in working with exotic materials, processes, and dynamic specs.

**AUTOMOTIVE** From the design board to the racetracks of the world, Cheetah manufactures precision based automotive parts. We specialize in Electric Automobile components, powered by solar and clean energy. See our parts on the Formula-E race circuit!!

**MEDICAL DEVICE COMPONENTS** In this rapidly changing market, Cheetah has a reputation for producing medical device components for some of the biggest industry names in the world.

**FLUID HANDLING/HYDRAULIC** Need a large manifold, valve body or another type of dynamic fluid handling part? We can do it! Milling, boring, tapping, turning and drilling are all done in-house at Cheetah Precision. And we can provide the quality testing required using our ZEISS CMM equipment.

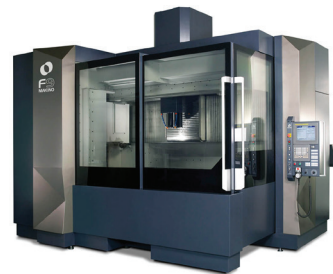
**FOOD SERVICE** Food service equipment resides in its own realm of FDA requirements, exotic materials and specific part requirements. For over 40 years, Cheetah Precision has been producing parts for the food service industry's leading companies. Let our experience work in your favor.

## QUALITY ASSURANCE

Have an intricate part? Have a large part? Bring them to us – we can make them for you, and have them inspected in our state-of-the-art quality CMM department. We boast an arsenal of the latest ZEISS testing equipment.

## EQUIPMENT

Big or small, we do it all! Bring Cheetah Precision your largest tight-tolerance parts – we feature some of the industry's largest table sizes. Please refer to the online equipment list to gain an understanding of our machines.

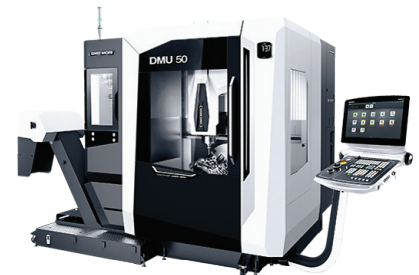


### MAKINO F9

The F9 large, vertical machining center is designed to provide power, speed, precision, and versatility.

### DMG Mori DMU 50 – 5 Axis Milling Machine

Unparalleled accuracy, productivity, and quality.



### Kitamura Bridgecenter

Ultra high speed and high precision.

### MAKINO a92

High efficiency for large part production.







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## DECIMAL AND MILLIMETER EQUIVALENTS

	DECIMALS	MILLIMETERS
$\frac{1}{64}$	0.015625	0.397
$\frac{1}{32}$	.03125	0.794
$\frac{3}{64}$	.046875	1.191
$\frac{1}{16}$	.0625	1.588
$\frac{5}{64}$	.078125	1.984
$\frac{3}{32}$	.09375	2.381
$\frac{7}{64}$	.109375	2.778
$\frac{1}{8}$	.1250	3.175
$\frac{9}{64}$	.140625	3.572
$\frac{5}{32}$	.15625	3.969
$\frac{11}{64}$	.171875	4.366
$\frac{3}{16}$	.1875	4.763
$\frac{13}{64}$	.203125	5.159
$\frac{7}{32}$	.21875	5.556
$\frac{15}{64}$	.234375	5.953
$\frac{1}{4}$	.2500	6.350
$\frac{17}{64}$	.265625	6.747
$\frac{9}{32}$	.28125	7.144
$\frac{19}{64}$	.296875	7.541
$\frac{5}{16}$	.3125	7.938
$\frac{21}{64}$	.328125	8.334
$\frac{11}{32}$	.34375	8.731
$\frac{23}{64}$	.359375	9.128
$\frac{3}{8}$	.3750	9.525
$\frac{25}{64}$	.390625	9.922
$\frac{13}{32}$	.40625	10.319
$\frac{27}{64}$	.421875	10.716
$\frac{7}{16}$	.4375	11.113
$\frac{29}{64}$	.453125	11.509
$\frac{15}{32}$	.46875	11.906
$\frac{31}{64}$	.484375	12.303
$\frac{1}{2}$	.5000	12.700

1 mm = .03937"

	DECIMALS	MILLIMETERS
$\frac{33}{64}$	0.515625	13.097
$\frac{17}{32}$	.53125	13.494
$\frac{35}{64}$	.546875	13.891
$\frac{9}{16}$	.5625	14.288
$\frac{37}{64}$	.578125	14.684
$\frac{19}{32}$	.59375	15.081
$\frac{39}{64}$	.609375	15.478
$\frac{5}{8}$	.6250	15.875
$\frac{41}{64}$	.640625	16.272
$\frac{21}{32}$	.65625	16.669
$\frac{43}{64}$	.671875	17.066
$\frac{11}{16}$	.6875	17.463
$\frac{45}{64}$	.703125	17.859
$\frac{23}{32}$	.71875	18.256
$\frac{47}{64}$	.734375	18.653
$\frac{3}{4}$	.7500	19.050
$\frac{49}{64}$	.765625	19.447
$\frac{25}{32}$	.78125	19.844
$\frac{51}{64}$	.796875	20.241
$\frac{13}{16}$	.8125	20.638
$\frac{53}{64}$	.828125	21.034
$\frac{27}{32}$	.84375	21.431
$\frac{55}{64}$	.859375	21.828
$\frac{7}{8}$	.8750	22.225
$\frac{57}{64}$	.890625	22.622
$\frac{29}{32}$	.90625	23.019
$\frac{59}{64}$	.921875	23.416
$\frac{15}{16}$	.9375	23.813
$\frac{61}{64}$	.953125	24.209
$\frac{31}{32}$	.96875	24.606
$\frac{63}{64}$	.984375	25.003
1	1.000	25.400

.001" = .0254 mm

MM	INCHES	MM	INCHES
.1—	.0039	46—	1.8110
.2—	.0079	47—	1.8504
.3—	.0118	48—	1.8898
.4—	.0157	49—	1.9291
.5—	.0197	50—	1.9685
.6—	.0236	51—	2.0079
.7—	.0276	52—	2.0472
.8—	.0315	53—	2.0866
.9—	.0354	54—	2.1260
1—	.0394	55—	2.1654
2—	.0787	56—	2.2047
3—	.1181	57—	2.2441
4—	.1575	58—	2.2835
5—	.1969	59—	2.3228
6—	.2362	60—	2.3622
7—	.2756	61—	2.4016
8—	.3150	62—	2.4409
9—	.3543	63—	2.4803
10—	.3937	64—	2.5197
11—	.4331	65—	2.5591
12—	.4724	66—	2.5984
13—	.5118	67—	2.6378
14—	.5512	68—	2.6772
15—	.5906	69—	2.7165
16—	.6299	70—	2.7559
17—	.6693	71—	2.7953
18—	.7087	72—	2.8346
19—	.7480	73—	2.8740
20—	.7874	74—	2.9134
21—	.8268	75—	2.9528
22—	.8661	76—	2.9921
23—	.9055	77—	3.0315
24—	.9449	78—	3.0709
25—	.9843	79—	3.1102
26—	1.0236	80—	3.1496
27—	1.0630	81—	3.1890
28—	1.1024	82—	3.2283
29—	1.1417	83—	3.2677
30—	1.1811	84—	3.3071
31—	1.2205	85—	3.3465
32—	1.2598	86—	3.3858
33—	1.2992	87—	3.4252
34—	1.3386	88—	3.4646
35—	1.3780	89—	3.5039
36—	1.4173	90—	3.5433
37—	1.4567	91—	3.5827
38—	1.4961	92—	3.6220
39—	1.5354	93—	3.6614
40—	1.5748	94—	3.7008
41—	1.6142	95—	3.7402
42—	1.6535	96—	3.7795
43—	1.6929	97—	3.8189
44—	1.7323	98—	3.8583
45—	1.7717	99—	3.8976
		100—	3.9370