



# Allied Tool & Die

*It is the policy of Allied Tool & Die Company to continuously improve and deliver to our customers, products that fulfill their requirements, on time, at a competitive price.*



We welcome you to visit our web site [www.alliedtool.com](http://www.alliedtool.com)

# Allied Tool & Die Company

Welcome to Allied Tool & Die:

Allied Tool & Die Co. LLC has achieved registration to ISO 9002 in 1994 and achieved certification AS9100 and NADCAP Welding.

We started as a small machine shop in 1951 and since then have grown to manufacture products for the aerospace, automotive, medical, and commercial industries worldwide with the technology to work with electronic data interface (EDI) and forecasting.

Allied has experience working with all grades of materials, casting and forgings and can maintain very tight tolerances. The employees of Allied works hard to maintain the company's status as a high quality precision machine shop.

Our continual commitment to quality conformance is essential for today's highly competitive marketplace. The Quality Management System at Allied Tool & Die Co. is mature, well established and continuously improved upon to develop the most effective cost efficient processes.

We have been a top-tier Honeywell supplier for well over forty years with outstanding quality and delivery performance. Allied has been awarded "The Supplier of the Year" from Honeywell Engines Division and continuous to perform good high standard.

Our new 10,000 sq. ft. manufacturing building in Mexicali is now open.  
Las Californias III Business Park



# Allied Tool & Die Company

3807 South 7th Street  
Phoenix, AZ 85040  
Phone: (602) 276-2439  
Fax: (602) 276-1832  
1-800-844-Tool (1-800-844-8665)

## Contact List

<u>Title/Department</u>	<u>Name</u>	<u>Ext.</u>	<u>Address</u>
CEO	Chuck Eriksen	214	<a href="mailto:Chuck.Eriksen@alliedtool.com">Chuck.Eriksen@alliedtool.com</a>
Financial Admin	Marilyn Silaghi	211	<a href="mailto:Marilyn.Silaghi@alliedtool.com">Marilyn.Silaghi@alliedtool.com</a>
HR/Assistant to CEO	Wendy Hansen	210	<a href="mailto:Wendy.Hansen@alliedtool.com">Wendy.Hansen@alliedtool.com</a>
Production Control	Doug Harkins	234	<a href="mailto:Doug.Harkins@alliedtool.com">Doug.Harkins@alliedtool.com</a>
Production Control Administrative Asst.	Beth Jordan	230	<a href="mailto:Beth.Jordan@alliedtool.com">Beth.Jordan@alliedtool.com</a>
Quality Assurance Manager	Chuck Sherman	224	<a href="mailto:Chuck.Sherman@alliedtool.com">Chuck.Sherman@alliedtool.com</a>
Quality Systems Manager	Mike Furbacher	226	<a href="mailto:Mike.Furbacher@alliedtool.com">Mike.Furbacher@alliedtool.com</a>
Purchasing	Dale Whipple	213	<a href="mailto:Dale.Whipple@alliedtool.com">Dale.Whipple@alliedtool.com</a>
Sales & Marketing Manager	Jeff Moorhead	217	<a href="mailto:Jeff.Moorhead@alliedtool.com">Jeff.Moorhead@alliedtool.com</a>
Sales Coordinator	Jean Olmstead	212	<a href="mailto:Jean.Olmstead@alliedtool.com">Jean.Olmstead@alliedtool.com</a>
CNC Manager	Mike Scarlett	219	<a href="mailto:Mike.Scarlett@alliedtool.com">Mike.Scarlett@alliedtool.com</a>
Sheet Metal Manager	Sergio Carriedo	218	<a href="mailto:Sergio.Carriedo@alliedtool.com">Sergio.Carriedo@alliedtool.com</a>
I.T Manager	Brian Blanks	216	<a href="mailto:Brian.Blanks@alliedtool.com">Brian.Blanks@alliedtool.com</a>
International Manager Mexicali Facility	Bill Jordan		<a href="mailto:Bill.Jordan@alliedtool.com">Bill.Jordan@alliedtool.com</a> +011 526862733440

# Allied Tool & Die Company



## Equipment list

### Capacity

36,000 sq. ft. manufacturing space w/ 100+ full time employees.

60 years experience in Aerospace, Automotive, Commercial, Electronic, and Medical Manufacturing. Stamping, Laser Cutting, Laser Welding, Laser Part Marking, Conventional Welding, Conventional Part Marking, Tool & Die, Prototype, Assemblies, Conventional Machining, and Precision CNC Machining.

### CNC MILLS

Mori Seiki NH5000 DCG/40

1LeadwellV20I

1 TDC 510 Mini Mill

3 Matsuura 500V

1 Matsuura 510V

1 Matsuura 760VX

2 Matsuura 800VG

1 Matsuura ES450H

### CAPACITIES

Horizontal Milling Machine

4thaxisrotaryhead

5th axis rotary head

20" X 14" X 14" (Rotary)

20" X 14" X 18.1"

32" X 20" X 20" (Rotary)

32" X 20" X 20" (12" Rotary)

17.7" X 15.7" X 15.7" (Rotary)

### CNC LATHES

3LEADwellT6

2 Leadwell T7

1 Ameri-Seiki 2 axis turning center

1 Nakamura-Tome TMC-300 - 2 axis

1 Nakamura-Tome SC300M – 3 axis turning center

1 Nakamura-Tome TMC-20 turning center  
workpiece dia.

1 Nakamura-Tome SC250M – 3 axis turning center

1 Moriseiki 2 axis turning center

8" chuck

24" dia. turn capacity

2.79 bar cap.

30 HP, 12 station, backface turning, 2.79" round collet cap.

10 HP, 10 station, 2" bar cap., 11.02" max.

2" Bar Cap., 6 Live Heads

2" bar cap.

## WIRE E.D.M.

1 Charmilles Robofil 330F – 5 axis

15.75" X 11.8" X 15.75", 30 deg. taper

## LASERS

1 Domino – Rotary axes 360A continuous (without limitation)

31' x 10' x 12' (L, W, H)

1 Sylvania 1610 – 5 axis, 150 watt

18" X 18" X 10" (16" Rotary tilt)

1 Raytheon – 4 axis, 400 watt

15" X 32" X 10" (13.5" Rotary)

1 Raytheon – 4 axis, 400 watt

18" X 18" X 12" (13.5" Rotary)

1 Lumonics – 4 axis, 400 watt

24" X 36" X 8"

1 Lee Laser Part Marker – 2 axis, 50 watt

24" X 18" X 11"

1 ILM - 5 axis, 400 watt

32" X, Y, and Z plus rotary and rotary nozzle

## O.B.I. PRESSES

1 V & O

25 ton

1 Minster / back geared with air cushion

60 ton

1 Walsh / back geared with air cushion

65 ton

## GAP FRAME PRESSES

## CAPACITIES

1 Stamtec High Speed Punch Press

22 ton, 400 s.p.m.

1 Komatsu

45 ton

1 Minster w/ air cushion

75 ton

1 Rosselle w/ air cushion

150 ton

## STRAIGHT SIDE PRESSES

1 Minster Piece-Maker

60 ton, 600 s.p.m.

1 Minster Piece-Maker

60 ton, 325 s.p.m.

1 Minster Piece-Maker

100 ton, 160 s.p.m.

## LATHES

2 LeBlond Engine Lathes

19" dia. X 72"

1 Cadillac Gap Bed Lathe

25" dia. X 40"

1 Hardinge Manual Chucker Lathe

8" dia.

2 Hardinge Tooling Lathes

8" dia.

1 Hardinge Second Operation Lathe

8" dia.

## MILLS

8 Bridgeport Vertical w/ DRO and power feed

9" X 42"

2 Bridgeport Vertical

1 Moore #3 Precision Jig Borer

12" X 18", w/ grind attachment

## GRINDING

4 Manual Surface Grinders w/ DRO	6" X 18"
1 Okamoto Automatic Surface Grinder	12" X 24" Grinder Mighty
13" X 34" Grinder Studer	4.5 X 12
Grinder Heald	15 X 10
2 Sunnen Honing Machines	

## METAL FINISHING EQUIPMENT

1 ADF Auger Style Parts Cleaning System	
1 Tore 10 Cubic ft. Vibrator Deburr	
2 Ultra-Matic 3 Cubic ft. Vibratory Deburr	
1 Time Saver Deburr	
1 Cress Heat Treat Furnace w/ Rockwell Testing	2,000 degrees
1 Blue M Heat Treat Furnace	9 cu. ft. / 662 degrees

## WELDING

## CAPACITIES

1 Miller Dynasty 300 DX T.I.G.	-
1 Miller Synchronwave 351 T.I.G.	400 Amp
1 Miller Synchronwave 250's T.I.G.	300 Amp
1 Miller Millermatic 250 M.I.G.	200 Amp
1 Unitek Resistance Welder	16 KvA
1 Robo Star1 Rotary Welding Positioner	6" dia., 0-90 tilt
1 Sciaky 100 KVA Three-Phase Spot Welding	Thickness from .014 - .1875

## SHEET METAL MFG EQUIPMENT

1 Muratec Turret Press	25 ton
1 Accupress Brake Press	10 foot bed 130 ton
1 Accupress Brake Press	8 foot bed 60 ton
1 Heager hardware presses	
1 Enerpac Hydraulic Press	25 ton
2 Diacro Rolling Mills	
1 Pexto Shear	
1 TruFab Shear	
1 Niagara Shear	3/16" X 12 ft.

## CAD/CAM

10 TekSoft Drawing Systems w/ 3D capabilities  
Gibbs Cam  
SolidWorks

## INSPECTION

ISO 9001 AS 9100 Certified  
Nadcap Accredited Welding  
2 Master View Suburban 14" comparator  
Jones & Lamson 30" comparator  
SPC Capability  
2 MMC's

# Allied Tool & Die Company

## Minimum requirements for all orders:

1. Your company names.
2. Company address.
3. Ship to address.
4. Contact name.
5. Contact phone number.
6. Contact fax number.
7. Ship Via.
8. FOB: Phoenix.
9. Net: All orders will be Net 30/ unless special arrangements are made/ Net 30 starts the day the item has been shipped.
10. Special payment term arrangement will be 1% discount for paying within 10days.
11. Allied Tool & Die part number.
12. Customer part number if applicable.
13. Part Description.
14. Rev. Level for the item.
15. Quantity ordered: Allied has a minimum requirement of \$300.00 per shipment.
16. Unit Cost.
17. Delivery Date: must be within lead-time.

## Minimum requirements for RFQ:

1. Your company names.
2. Company address.
3. Contact name.
4. Contact phone number.
5. Contact fax number.
6. Customer part number.
7. Part Description.
8. Print for item being quoted
9. Rev. Level for the item.
10. Quantity to be quoted.
11. Quotation due date.
12. All quotes are good for 90 day's

# Allied Tool & Die Company

Allied Tool and Die is certified to ISO 9001:2008, AS9100B:2004 compliant, and Nadcap accredited for Welding\*. Our ISO team consists of:

- Mike Furbacher -- Management Rep/Corrective Action Coordinator
- Mike Furbacher -- Lead Internal Auditor
- Mike Furbacher -- Document and Data Control



**ISO 9001:2008**  
**SAE AS 9100B:2004**



# ABS Quality Evaluations

## Certificate Of Conformance

This is to certify that the Quality Management System of:

**Allied Tool & Die Company**

3807 South 7th Street  
Phoenix, AZ 85040  
U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

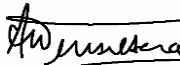
**ISO 9001:2008 SAE AS 9100B:2004**

The Quality Management System is applicable to:

MANUFACTURE, LASER, STAMPING, AND MACHINING OF PRECISION PRODUCTS FOR THE AEROSPACE, AUTOMOTIVE, MEDICAL, COMMERCIAL AND RELATED INDUSTRIES

The assessment was conducted in accordance with the requirements of SAE AS 9104 Rev. A and ABS QE is accredited under the Aerospace Registration Management Program.

Certificate No:	34451
Original Certification Date	11 June 1999
Effective Date:	28 May 2011
Expiration Date:	27 May 2014
Issue Date:	25 May 2011



Alex Weisselberg, President



Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.  
Validity of this certificate may be confirmed at [www.abs-qe.com/cert\\_validation](http://www.abs-qe.com/cert_validation).





# Arizona Resale Certificate

ARIZONA FORM  
**5000A**

This Certificate is to be completed by the purchaser and furnished to the vendor who shall retain it. Incomplete certificates must not be accepted in good faith.

### SELLER INFORMATION

Seller: Allied Tool & Die Company

StreetAddress: 3807 South 7th Street

City, State, Zip Code: Phoenix, AZ 85040

### PURCHASER INFORMATION

1 Purchaser: \_\_\_\_\_ Identification Number: \_\_\_\_\_

City, State, Zip **Code**: -----

2 I am engaged in the business **of**: -----

3 The property is purchased for resale and will be resold in the ordinary course of business.

4 Description of the property being purchased

**Machined Parts**

5 Check Applicable Box:  Single Purchase Certificate  Period: \_\_\_\_\_ Through \_\_\_\_\_

### CERTIFICATION

A seller that has reason to believe that the certificate is not accurate, complete or applicable to the transaction, may not accept the certificate in good faith and the seller will not be relieved of the burden of proving entitlement to the exemption. A seller that accepts a certificate in good faith will be relieved of the burden of proof and the purchaser may be required to establish the accuracy of the claimed exemption as provided in ARS § 42-5022. Subsequent use or consumption of the tangible personal property by the purchaser other than the sale in the ordinary course of business will subject the purchaser to the Arizona use tax. Willful misuse of this Certificate will subject the purchaser to criminal penalties of a felony pursuant to ARS § 42-1127.8.2.

I, (print full name) \_\_\_\_\_, hereby certify that these purchases are for resale and that the information on this Certificate is true, accurate and complete. Further, if purchasing as an agent or officer, I certify I am authorized to execute this Certificate on behalf of the purchaser named above.

Signature of purchaser \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_

INVOICE

Sample of AT&D Invoice.

Invoice Number:  
 Date:  
 Page Number:  
 Order Number:  
 F.O.B:  
 Packing List No.:

Sold To

Ship To

CUSTOMER ID	CUSTOMER PO.	PAYMENT TERMS		FREIGHT TERMS	
SALES REP ID	SHIPPING METHOD	J	SHIP DATE	INVOICE DUE DATE	
QUANTITY:	ORDERED QTY	SHIPPED QTY	BACK ORDERED QTY	UNIT	EXTENDED
PART	DESCRIPTION		X	PRICE	PRICE

FOR BILLING QUESTIONS PLEASE CONTACT ACCOUNTS RECEIVABLE AT 602.276.2439 ext. 10 FOR ASSISTANCE.

PLEASE REFERENCE THIS INVOICE NUMBER ON YOUR CHECK AND REMIT TO Allied Tool & Die Company  
 P. O. Box 16006  
 Phoenix AZ 85011

Allied Tool & Die Return Policy

All returns must be made within 30 days from date of shipment. If products are found to be defective contact the Quality Department at 602-276-2439 for instructions and a return authorization number (RMA) prior to returning any products.

DO NOT RETURN ANY ITEMS WITHOUT PRIOR APPROVAL AND A RETURN AUTHORIZATION NUMBER (RMA)

Unauthorized returns will be refused and returned to sender at sender's expense.