

Absolute Dimensions

Absolute Capabilities

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YASDA

2015 YASDA H40I-24PLS

Horizontal 5-Axis

34 x 29 x 27

Pallet System up to 24
pallets

High Speed 20,000 RPM
Spindle



YASDA

2016 YASDA PX30I

Vertical 5-Axis

26.75 x 15.75 x 19.5

Pallet System up to 33
pallets

High Speed 20,000 RPM
Spindle



MAKINO

2007 Makino A71

Horizontal

28.7 x 28.7 x 31.5

Pallet System

High Speed 10000 RPM
Spindle

1969 IPM Cutting Feed
Rate

High Pressure Through
the Spindle Coolant
Full 4-Axis Machine



DOOSAN

2008 Doosan HP 5100

Horizontal 4-Axis

19.5 x 19.5

Pallet System

High Speed 14000 RPM
Spindle

2362 IPM Cutting Speed
High Pressure Through
the Spindle Coolant

1 degree 4-Axis



HAAS

2006 HAAS EC-400

Horizontal 4-Axis

20 x 20 x 20

2 Pallet System

High Speed 12000 RPM
Spindle

1400 IMP Rapid

833 IPM Cutting Feed Rate

High Pressure Thru
Spindle Coolant

Full 4-Axis Machine



HAAS

2005 HAAS VF3YTSS

2012 HAAS VF3YTSS

Vertical 5-Axis Trunion

40 x 26 x 25

High Speed 12000 RPM
Spindle

1400 IPM Rapid

833 IPM Cutting Speed

Thru Spindle Coolant



HAAS

2006 HAAS VF-6SS

Vertical 4-Axis

64 x 32 x 30

High Speed 12000 RPM
Spindle

833 IPM Cutting Feed
Rate

900 IPM x 1200 IMP
Y&Z Rapid

4-Axis Control



HAAS

2006 HAAS VF4SS

Vertical

50 x 20 x 25

High Speed 12000 RPM
Spindle

833 IPM Cutting Feed
Rate

1400 IPM Rapids

Thru Spindle Coolant

4-Axis Control



HAAS

2006 HAAS VF-2SS
2007 HAAS VF-2SSYT
2012 HAAS VF-2SSYT

Vertical

(2) 5-Axis Capable

(1) 4-Axis Capable

30 x 20 x 20

High Speed 12000 RPM
Spindle

1400 IPM Rapids

833 IPM Cutting Feed Rate

High Pressure Through the
Spindle Coolant



HAAS

2012 UMC-750

Vertical 5-Axis

30 X 20 X 22

5-Axis integrated dual axes
trunion

5 -sided (3+2) machining

An 8,100-rpm inline direct
drive

40+1 tool side mount tool
changer



HAAS

2012 HAAS GR-712

145 x 85 x 11

High Speed 10000 RPM Spindle

800 IPM Cutting Feed Rate

2100 IPM Rapids



CALYPSO

2008 Calypso Hammerhead
WaterJet

144 x 96 x 6

60,000 PSI, 100 HP KMT Pump

Dual Head Cutting System
with Independent Z-Axis

Directly Import DXF Files



CALYPSO

2007 Calypso Hammerhead
WaterJet

240 x 144 x 6

60,000 PSI, 100 HP KMT Pump

Dual Head Cutting System
with Independent Z-Axis

Directly Import DXF Files



DURMA

2009 Durma HGS 3006
Shear

10 ft Cutting Capacity

1/4 in Thickness Capacity

NC Controlled

Front Arm Support



MITUTOYO

Mitutoyo AE-122 CMM

20 x 16 x 12 Measuring
Range

39 x 25 x 5 Granite Table

0.0002 Linear Accuracy

0.0002 Repeatability



ROMER

Romer Infinite 2.0

6ft Arm

PC Dmis Software

Verisurf Software

Wi-Fi Connectivity for
Portable Inspection

6-Axis Capable



DASSAULT SYSTEMS

CATIA V5 current build

STEP Interface

Mechanical
Part Design



DASSULT SYSTEMS

SolidWorks
Premium



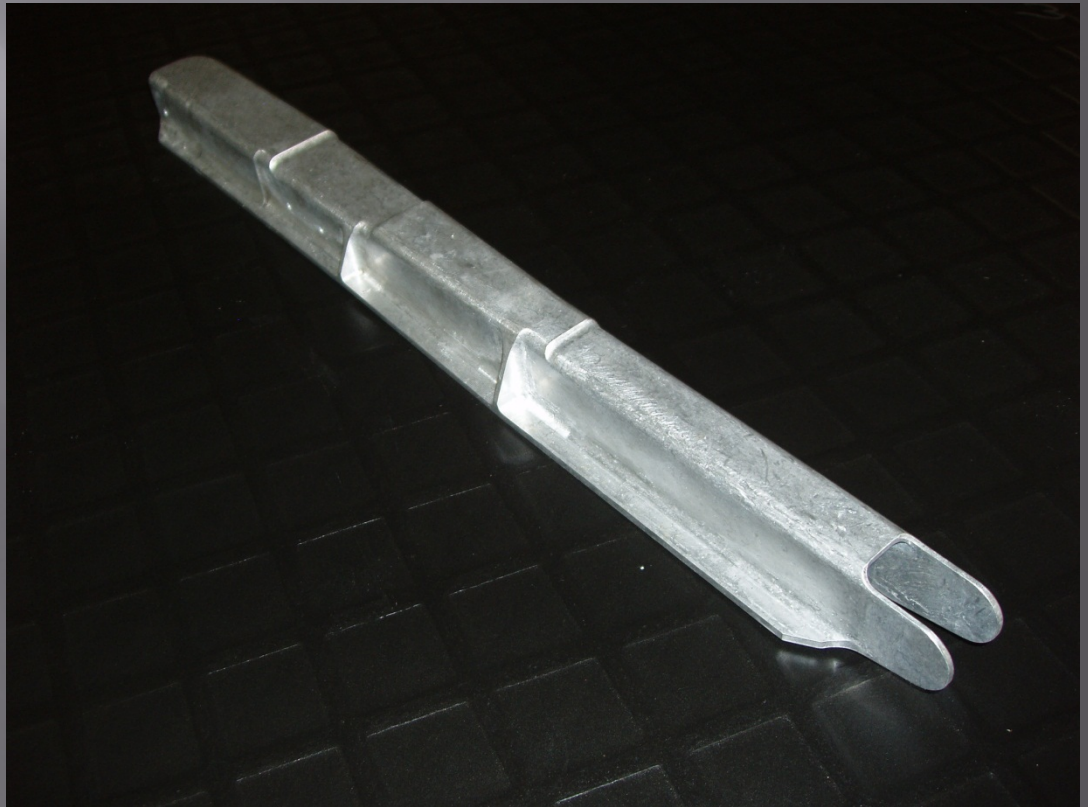
ABSOLUTE DIMENSIONS

Aluminum
Aerospace



ABSOLUTE DIMENSIONS

Aluminum
Aerospace



ABSOLUTE DIMENSIONS

Stainless Steel
Aerospace



ABSOLUTE DIMENSIONS

TOOLING PLASTIC LAY-
UP MOLD



TOOLING



ABSOLUTE DIMENSIONS

Titanium Aerospace



ABSOLUTE DIMENSIONS

Sheet Metal Aerospace

.008 up to .25



ABSOLUTE DIMENSIONS

Shape Cutting

Maximize Material
Usage

Up to 6 in Thick



ABSOLUTE DIMENSIONS

Cut from Full Plate into
Size and Shape Needed.



ABSOLUTE DIMENSIONS ASSEMBLIES

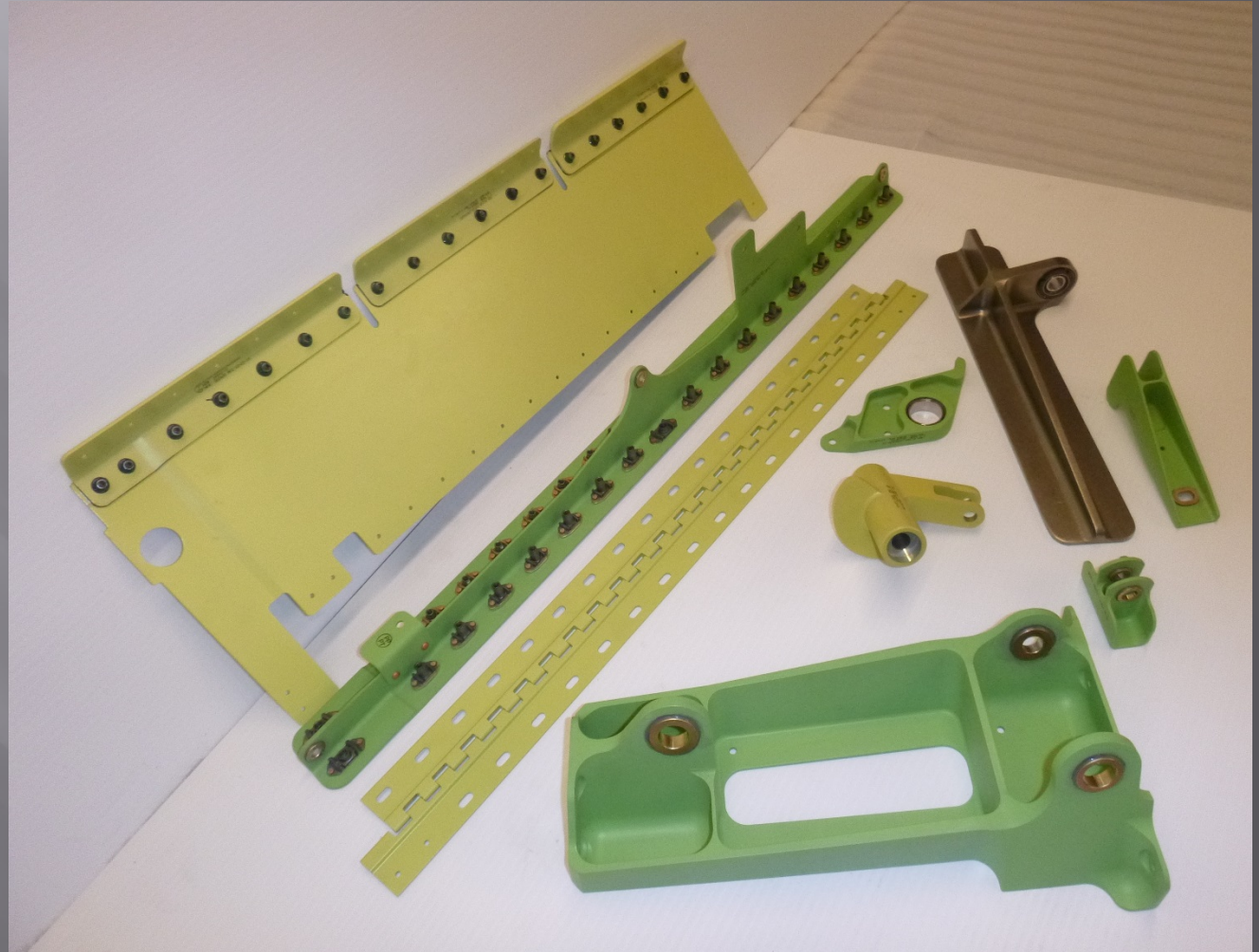
Nut Plate installation

Bearing installation

Roller Swedging

Sealing

Honing



ABSOLUTE DIMENSIONS

Capability

Quality

Quick Turn Around

Experience

ISO9001 / AS9100C Certified

MRP / ERP SHOPTECH E2

Fully Equipped Quality Lab



**CERTIFICATE
OF REGISTRATION**

This is to certify that the management system of:

Absolute Dimensions, LLC

Main Site: 1970 S. West Street, Suite 385 Wichita, KS 67213, United States

Has been audited and registered by Intertek as meeting the requirements of the standard:

AS9100:D and ISO 9001:2015

The management system is applicable to:

Manufacturing and Assembly of Products for the Aerospace, Defense and Commercial Industries

Certificate Number
0155766-01

Initial Certification Date
06 August 2008

Certificate Issue Date
04 August 2023

Certificate Reissue Date
04 June 2025

Certificate Expiry Date
03 August 2026


intertek

Rathin Grover
President, Business Assurance

Intertek Testing Services NA, Inc. dba Intertek
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Kentwood, MI, USA



The assessment was performed in accordance with the requirements of AS9104/A:2012-01. Intertek is accredited under the Aerospace Registrar Management Program and IAQG ICOT scheme. In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.

CT-AS9100_2009-AS9104_1-ANAB-EN-IT-P-01_jul17

