

# PSJ Machining, Inc.

Quality & Delivery Make the Difference

Since 1979, P & J Machining has been manufacturing a wide range of high quality components and assemblies for the commercial, aerospace and defense industries. Today, with 3 facilities on campus totaling more than 70,000 square feet of manufacturing space, P & J is producing and shipping hundreds of thousands of products each year to customers around the world. As an AS9100 accredited manufacturer capable of handling a diverse range of products with an equally wide range of unique customer requirements, P & J is well positioned to meet the growing demand for capacity and capability seen throughout these industries today.



To continually offer our customers competitive pricing and quick response to demand, P & J invests heavily in advanced Precision High Speed Manufacturing Cells capable of both manned and unmanned operation. This allows us to produce products for our customers 24 hours a day, 7 days a week throughout the year.

Two Niigata HN63D "heavy duty" horizontal machining centers targeted at the increased demand from many of our customers for the machining of exotic hard metals components made from materials such as titanium, inconel, steel and more. Three new Matsuura H-Plus 300 manufacturing cell with 15 pallet "pools" are capable of handling a wide range of smaller components. These cell centers were added using the same approach we have taken on our larger components with respect to high speed machining and "lights out" manufacturing capabilities.



P & J is also capable of handling unique shipping requirements such as "kitting" where a wide range of components and assemblies can be packaged and shipped together in "kit" form directly to our customers' point of installation. We currently provide our customers many different styles of kits and have been doing so for many years.



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## HAAS Fleet & VMC's:



All of our CNC Vertical Machining Centers utilize sub-plates, G10 preset height offsets and pinned vice jaws increasing our machine setup time and improving overall productivity. Our HAAS family of VMC's allow us

the flexibility of adjusting the shop schedule based on open machines without reprogramming or tooling changes.

## Coordinate Measurement:

FAIR (First Article Inspection Reports) are greatly facilitated using our multiple Coordinate Measurement Machines. Dimensional verification of product begins with comparing the machined part to the defining "raw" digital data. Digital formats can be CATIA V5 drawings, IGES files, Parasolids and more. The CMM's we utilize are CNC driven with multiple articulating measurement heads. This allows maximum part coverage with minimum (if any) additional part rotations or repositioning required. Multiple seats of CMM Manager software allows for each machine to be ready and waiting for products coming off machining centers.



## Machinery & Equipment:

- 2 ea Toyoda FH 550 50 Taper Horizontals with 45 Pallet Cell System (29.5 X 31.5 X 33.5 Travel)
- 2 ea Matsura 600 HG 45 Taper Horizontals with 60 Pallet Cell System (22 x 22 x 22 Travel)
- 1 ea Matsura H-Plus 630 50 Taper Horizontal with 6 Pallet Pool (36 x 41 x 34 Travel)
- 2 ea Niigata HN63D 50 Taper "Hard Metals" Horizontals  
1 ea with 6 Pallet Pool (39.37 x 33.46 x 29.52 Travel)
- 3 ea Matsura H-Plus 300 40 Taper Horizontal with 15 Pallet Pool (19.68 x 22.04 x 19.68 Travel)
- 4 ea HAAS VF4 Machining Centers (50 x 20 x 25 Travel)
- 3 ea HAAS VF2 Machining Centers (30 x 16 x 20 Travel)
- 5 ea HAAS VF6 25 H.P. Machining Centers (64 x 32 x 30 Travel)
- 2 ea Matsuura 500 50 Taper Horizontals with 60 Pallet Fastems Cell System
- 1 ea Zeiss, Nikon LK, and Nikon Altera CMMs

## Materials & Processing:

- Steel
- Aluminum
- Titanium
- Beryllium Copper
- Inconel
- Nylon
- Plastic
- Acrylic
- Aluminum Nickel Bronze
- Phenolic
- Castings & Forgings
- Injection molded parts
- Extrusions (Aluminum & Plastics)
- Heat and Chem Treat
- Shotpeen
- Cadmium Plating
- Topcoat
- Anodize
- Prime
- Brush Satin
- Dry Lube
- Powdercoat
- Chrome
- Electroless Nickel
- Nondestructive Testing
- Passivate
- Glass Bead Shotpeen
- And many more!

