

5 Ways It Pays To Invest In High Quality Precision Grinding!

Investing in the services of an experienced, professional, high-quality precision grinding service provider can save you thousands of dollars, keep production on schedule, and streamline complex supply chains. This infographic illustrates what smart buyers already know—that the lowest price doesn't always mean lowest cost.



Bargain Grinding

VS

High-Value Grinding

Communication

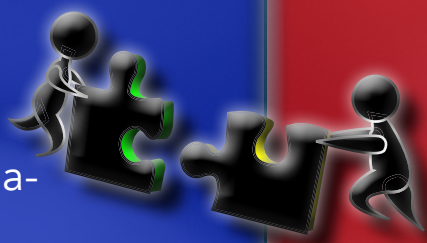
- Minimal staff sharply reduces responsiveness to inquiries. It may take days or weeks to get an answer or update, which can exacerbate supply chain and scheduling issues.



- Direct, timely customer support provided via a production manager. Increased accessibility helps to maintain production schedules and address issues before they become disruptive.

Value-Added Services

- No access to value-added services eliminates opportunities for efficiency and savings.
- No capability to develop custom tooling for delicate components. Damaged parts can incur significant expenses in lost materials, time, and labor.
- Quality inspection is typically performed by hand, reducing the accuracy of readings.



- All-in-one service and access to supply chain management services allows for more efficient production timelines.
- Ability to develop custom tooling and fixturing ensures the safety and integrity of components from start to finish.
- Dedicated quality inspection experts equipped with advanced CMM and other high-precision technologies perform complex measurements for maximum precision and accuracy.

Expertise

- Limited capability to handle large, complex components. Unable to adapt processes for different materials due to minimal experience with different grinding techniques.
- No access to engineering support extends production schedules and complicates supply chain management.



- Versatile experience with grinding techniques appropriate for a multitude of materials produces optimal results with no unexpected complications.
- Engineering support combined with the expertise of process and operations managers can help to ensure services are completed on time.

Certifications

- Unable to meet the stringent quality, process, and documentation requirements of certification standards for highly regulated industries like aerospace, FAA overhaul, and nuclear power.



- Possesses certifications such as AS9100 and ITAR and grinders are trained to follow safe, efficient, and regulated protocols and procedures to meet exacting standards. Duval Precision Grinding is a NADCAP and FAA-certified aerospace repair station.

Capacity

- Limited staff and limited experience. Unable to handle advanced components or materials. Delays can be incurred due to a lack of bandwidth for multiple orders. Minimal capability and experience can limit the quality of the resulting product.



- Redundancy in machine capacity and operator skillsets ensures service is completed efficiently by a qualified expert. Versatile tools and machinery can accommodate a wider combination of part sizes, dimensions, geometries, and materials.

A shop that offers low, fixed prices may not have the range of experience or tools required to properly handle delicate coatings, complex components, or specialized materials. For the best possible results, vendors should keep in mind the benefits of paying for quality. An experienced, flexible, and responsive precision grinding service provider like Duval Precision Grinding can help to keep your production timeline on schedule and guarantee reliable quality on every project.