



Phosphating

Black Oxidation

Passivation

Tumbling/Vibratory Deburr

Shot Blasting

Degreasing/Washing

Pickling

Phos and Lube

Packing/Sorting

The job is never finished...  
until it's *finished*



# Delivering *“our best, on time, always,”* to all of our customers.

## PHOSPHATING

Our phosphating process provides corrosion resistance you can count on. Manganese phosphating can extend the shelf life of your products in corrosive environments. By combining our manganese phosphate treatment with rust-inhibiting oils, wax, and other organic coatings, we can help your product withstand harsh conditions. And, by preventing metal-to-metal contact, our manganese phosphate coating permits the rapid break-in of moving parts without scuffing or welding.

## BLACK OXIDATION

Black Oxidation is a conversion finish that provides essential protection, and a distinct black coloring, to ferrous metals. Our Black Oxidation process provides a chemical reaction that allows a protective coating to be formed without increasing part dimensions, dulling the part's luster or altering the hardness of the metal. Because Black Oxidation does not actually apply a coating that bonds to metal, it cannot chip or rub off.

## PASSIVATION

Our Passivation process removes all ferrous metal and microscopic surface impurities (such as airborne iron, steel or dust particles) from stainless steel surfaces. This allows for contaminants to be removed from the surface, while ensuring that the structural integrity of the product is not compromised. Our Passivation process greatly reduces damaging corrosion resistance of your stainless steel parts.

## TUMBLING AND VIBRATORY DEBURR

Both Tumbling and Vibratory Deburr utilize abrasive media to remove excess sharp edges and burrs from stampings or other machined parts. This smooths rough surfaces and breaks all sharp edges on the product. Vibratory Deburr is more suitable for parts requiring special handling, such as camshafts, telescoping magnesium steering columns and stainless steel intravenous trees for the medical industry.

For over half a century, Jackson Tumble Finish has been a leader in high quality metal finishing. Our 40,000 square foot facility allows us to service a multitude of industries including automotive, medical, electrical, marine, recreational, plumbing, and fastener industry.

To us, it's not only about providing superior products and services to our customers; it's about building lasting and valuable customer relationships. It's our commitment to customer service, competitive pricing and use of our experienced and highly trained personnel that has helped to facilitate genuine partnerships with our customers for over fifty years.



## SHOT BLASTING

Our Shot Blasting process uses fine steel shot to clean, descale and remove rust from product. Parts are “sprayed” with shot at high pressure, similar to sandblasting, to reveal their original bright metallic appearance. The restored surface has a uniform luster, optimized for lube and/or coating retention.

## DEGREASING AND WASHING

Degreasing is essential when fabricating or assembling parts. Degreasing is widely used to remove oils and oil-borne contaminants such as shavings, metal fines and fluxes created from the part production process.

## PICKLING

Our Pickling services involve the immersion of metals in an acid solution to remove fire scale and oxides caused by heating, annealing, casting and soldering. Pickling is also highly effective at rust removal. Once rinsed, the parts are clean and contaminant free, allowing them to be treated with a rust preventative coating for added corrosion resistance.

## PHOS AND LUBE

We also offer Phos and Lube services in which we apply stearated lube to phosphated metal surfaces to aid in cold forming processes, i.e., moving metal in cold heading processes. Longer tool life is also a benefit of the process.

## PACKAGING AND SORTING SOLUTIONS

Not only do we offer a wide selection of metal finishing services, Jackson Tumble Finish also provides customized packaging and sorting solutions. The customer may specify their proprietary process and dunnage to be used, or allow us to offer standard hand or bulk packaging methods.



DELIVERING ***"OUR BEST, ON TIME, ALWAYS,"***  
TO ALL OF OUR CUSTOMERS.

## **COMPANY SPECIFICATIONS**

SIC CODE: 3471

QUALITY: ISO 9001-2008

SPC CAPABLE: YES

NAICS CODE: DJ 28.51

DUNS NUMBER: 005324678

EDI CAPABLE: IN PROCESS

IN-HOUSE SUPPORT:

WASTE TREATMENT

FACILITY, LAB TECHNICIAN

## **COME EXPERIENCE THE JACKSON TUMBLE DIFFERENCE**

For over half a century, Jackson Tumble Finish has worked with some of world's largest industrial organizations. Because of this, we have built a vast portfolio of capabilities by adhering to our client's regimented, part-finishing specifications. We also operate to meet the needs of smaller companies, and will function to their specific requirements as well.



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