

INDUSTRIAL RECLAIMING ENGINEERS

(The coatings company)

MACHINING & GRINDING









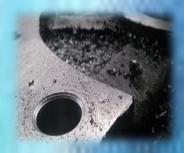
- Hard Chrome Electroplating
- Nickel Electroplating
- Electro less Nickel Coating
- Phenolic and Polymer Coatings
- Machining & grindings
- CNC Precision Machining
- NC Surface Grinding
- Plasma Thermal Spray
- Arc Spray Coatings
- Hydraulic Rams Repair
- Hydraulic Testing's
- Valves & Pumps overhauling
- **Textile Rolls Manufacturing**
- **Textile Machines & Parts**
- Structural Fabrications



you our difference.







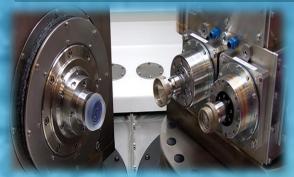
IRE applies a variety of proprietary treatment option to extend the wear life and prevent corrosion attack on treated parts for many industries. We service the industrial areas of Automotive, Textile, sugar mills, steel mills, Plastic Industries, Cement plants, power plants, Aluminum, Hydraulic, Canning, Paper Molding, Flooring Tile, Textile Roll Manufacture, Oil industries, Refineries & too numerous to list. IRE unlike most competitors puts forth the necessary efforts to satisfy each customer's need. Let us show

We look forward to having the opportunity to discuss with you in person your specific needs.

Give us an opportunity, we will render results.

WHAT IS MACHINING?

Manufactures, repairs and refurbishes of all rollers used in the paper, printing, Textile industries and other industries requiring these services. Supplying to the customers specification with or without bearings, housings and covers. The roller can also be supplied with or without rubber cover or latex cover.







BENEFITS OF MACHINING

- 1- Reliability
- 2- Require Less Human Labor
- 3- High Production
- 4- Identical Products
- 5- Increase Profit & Reduce Efforts
- 6- Improved Efficiency
- 7- Increased Accuracy
- 8- Help you keep ahead of the Competition







PRECISION CYLINDRICAL GRINDING

Specialist in cylindrical grinding to the paper, Printing and Textile Industries. Capable of grinding all metals, Coating and coverings on rollers, Shaft and cylinders to fine tolerances. Also have capacity for concave and convex camber grinding and micro grooving any rollers ground.







Precision grinding is one of the most effective techniques for finishing parts with tight tolerance requirements. It offers several benefits including accuracy, cost-effectiveness, increased productivity, and easy quality control.



PORTABLE BORING AT SITE

The use of a time boring machine is very specific. It is designed to enlarge a hole that is already in place, usually from previous casting and drilling. This is one of the tools used to cut into the component. There are various cutting tools that can be used within the machine to create this outcome.

BENEFITS OF PORTABLE BORING AT SITE

The advantage of using portable boring machine equipment is that **precision field machining bores can be done** on site.

This low weight machine is easily portable from one place to other.







Rolls & Shafts Grindings

Roll Grinding Machine or roll grinding are high precision machines typically installed in steel, aluminum And paper mills and precision machine shops to grind smooth and textured rolls to very tight tolerances.







ADVANTAGES OF GRINDING PROCESS

The Advantages of grinding include the capability hard material and very precise process in terms of size and shape Grinding is generally used at the end of a machining process to guarantee the highest degree of precision during the finishing of the work piece.









Mill Machining

Milling is the process of machining using rotary cutters to remove by advancing a cutter into a work piece. This may be done by varying directions on one or several axes. Cutter head speed and pressure.







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