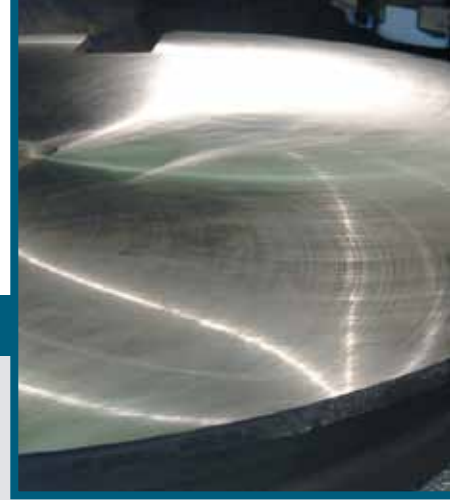




NIFTY BAR

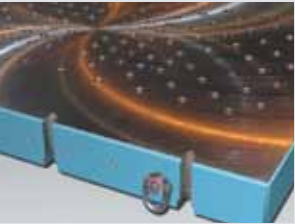
GRINDING & CUTTING SOLUTIONS, INC.



BLANCHARD & SURFACE GRINDING SERVICES



Nifty Bar Grinding and Cutting Solutions, Inc. specializes in Blanchard grinding applications. Our array of Blanchard grinding equipment can process materials up to 110" on the diagonal, and at heights up to 34".



Blanchard Technology

With Blanchard grinding technology, parts are mounted to a rotating chuck and processed by counter-rotating grinding wheel segments. This produces a unique spiral surface finish suitable for a wide variety of precision applications.

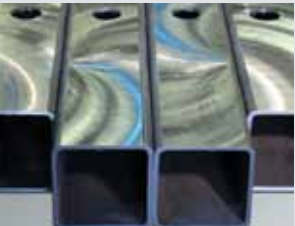
Dimensional Control

Blanchard grinding removes material from one side of the part at a time. This ensures fast material removal and precise dimensional control of overall size and part feature relationships.

Diverse Applications

Blanchard ground materials and components are used for diverse applications including:

- Castings
- Component Part Blanks
- Base Plates
- Dies and Molds
- Fixtures
- Gages
- Machine Bases
- Stripper Plates
- Structural Components
- Table Tops



Material Expertise

We have experience Blanchard grinding all types of magnetic and nonmagnetic materials including:

- All Alloys of Stainless Steel including 17-4 and 15-5
- Aluminum and Cast Aluminum
- Cast Iron
- Copper, Brass, and Bronze
- Delrin
- Invar
- Mold Steels including H13 and P20
- Steel including 4140

Surface Grinding

Surface grinding often achieves better dimensional control and superior surface finishes than Blanchard grinding alone. When required for your application, it may be used instead of, or in addition to Blanchard grinding.

By combining Blanchard grinding for rapid material removal during roughing operations, and surface grinding for finishing operations, we can quickly and economically provide parts that meet your most demanding requirements. Our surface grinding equipment can accommodate materials up to 30" by 120" by 36" in height. Or, by blend grinding, we can grind material up to 40" wide.