

Rotating Blaster Disc

Description

The Rotating Blaster is a rotating disc for the removal of paint, rust, mill scale, welding slag, tar, epoxy and adhesives from materials such as steel, iron, fiberglass, concrete or stone. Rotating Blaster provides the correct surface preparation for the proper adhesion of new protective coatings.

The rotating disc is a natural rubber disc with 12 tungsten carbide tips. Centrifugal force causes the flexible rubber disc to react so that it creates a hammer effect similar to sandblasting. The flexibility ensures that the tips clean the surface perfectly.

The rotating blaster discs have these advantages over sandblasting:

- no set up time
- easier to use in smaller, confined areas
- this method is portable
- do not have to bring the job to the sandblaster
- a much cleaner work environment both during and upon completion of the job
- just as fast or faster than sandblasting

The rotating discs do not create any heat (very few or no sparks), so tough materials such as tar, adhesives and sealants will be easily removed. No matter what the coating, the rotating blaster disc always cleans and the airborne particulates are tremendously reduced compared to other methods.

The rotating blaster removes rust. Since no heat is created, The rotating blaster discs open the metal pores to pull out rust. Wire brushes, wire fingers and flap wheels remove some surface rust, but the heat generated closes the metal pores and imbeds unremoved rust that will eventually rise through the surface coating.

Applications:

- **Shipping**
The rotating blaster discs are excellent for maintaining your boat or ship. Remove old paint, rust, tar and the build-up of contaminants.
- **Offshore**
The rotating blaster discs are excellent for repairing and maintaining offshore installations where waterproof coatings are present.
- **Manufacturing**
The rotating blaster discs are excellent for removing mill scale before or after welding and prior to painting.
- **Industry**
The rotating blaster discs are excellent for cleaning welding seams, even in small spaces, because few or no sparks are created.
- **Construction**
The rotating blaster discs are excellent for cleaning concrete and rubber where chlorine compounds are now used.
- **Autobody**
The rotating blaster discs are excellent for dealing with rust in bumpers, doors, beams and welds. The rotating blaster discs also removes undercoating.
- **Fiberglass**
The rotating blaster discs used with the rotating blaster discs Guide depth control and dust containment system provide superior results.



specifications:

- disc diameter: 4.96 inches
- shaft diameter: .314 inches
- disc thickness: .5276 inches
- optimal speed: 2500 - 3000 rpm
- maximum speed: 4000 rpm
- direction: clockwise
- surface profile: 3.14 mils (80 microns)

use and safety:

- ALWAYS wear goggles, work gloves, a dust mask, protective clothing and hearing protection
- NEVER exceed 4,000 rpm disc speed
- DO NOT use the rotating blaster on edges or raised surfaces
- DO NOT clean bolts, nuts, rivets or heavily pitted surfaces
- DO NOT move the rotating blaster disc across raised welds or welded seam areas
- NEVER operate the rotating blaster disc from a lower surface going up and over an edge to a higher surface
- DO NOT operate the rotating blaster disc on a diamond plate surface
- DO NOT use the rotating blaster disc on an electric drill with a hammer feature that is engaged. Disengage the hammer feature prior to use
- DO NOT use the rotating blaster disc to clean precision mating surfaces such as cylinder heads and cylinder blocks
- The use of all products is solely at the risk of the purchaser and/or operator. The manufacture and all distributors of the rotating blaster / products do not accept any liability for personal injury or consequential damages. Damage to any object on which the product is used is the sole responsibility of the purchaser and/or operator
- The rotating blaster disc(s) work best if moved in a slightly elliptical motion when going back and forth across the work surface
- Operate the rotating blaster disc(s) at a 90 degree angle relative to the direction in which the carbide tips are pointed. This is the same direction in which the disc shaft is pointed
- The SINGLE rotating blaster disc will work in contoured areas. Slow your power source down to approximately 1,000 – 1,250 rpm. This will reduce the centrifugal force and allow the disc to flex and clean without chattering
- Mount the rotating blaster disc in the power source as directed by the literature supplied by the tool manufacturer
- The rotating blaster disc should always be used at a 90 degree angle relative to the work surface
- Apply minimal pressure to the work surface. More pressure equals more wear which will reduce the life of the rotating blaster disc(s)
- If there is a seam or weld in the work surface then the rotating blaster disc should be moved in a direction parallel to the weld or seam without crossing the weld or seam perpendicularly
- Where two plates overlap creating an edge, assuming you are properly using the rotating blaster disc(s) in a CLOCKWISE direction, you can move the disc(s) from the higher area to the lower area, but NEVER from lower area to the higher area

Features:

- A SINGLE disc covers at least 35 **square feet** area with proper use and dependent upon the material being removed
- A DOUBLE disc covers approx. 110 - 165 **square feet** area with proper use and dependent upon the material being removed
- A TRIPLE disc covers approx. 550 - 800 **square feet** area with proper use and dependent upon the material being removed
- THE SINGLE, DOUBLE and TRIPLE discs are powered by either an electric drill, an air die grinder or air drill operating at no more than 3000 rpm. The optimal operating speed is 2500 - 3000 rpm



SINGLE DISC



DOUBLE DISC



TRIPLE DISC