

Burr/Bench Metal Finisher



Burr-Bench®, the first portable deburring machine, is known for its dependable, performance, competitive price, and versatility for handling a wide variety of metal finishing jobs ranging from coarse grinding to delicate polishing. Additionally, the Burr Bench can effectively perform metal finishing operations such as deburring, descaling, degreasing, cleaning, and removing flash.

Quality Performance

The Burr Bench eliminates time-consuming, costly hand deburring without sacrificing quality. The Burr Bench uses a 2700 rpm vibratory eccentric shaft and produces the same high energy action as larger, more expensive vibrators. This allows for more economy but the same high quality finished parts economically.

Sturdy Construction

The Burr Bench has a base of 14-gauge steel, fully welded and enamel painted. Tub linings are ribbed, cast urethane. Heavy duty construction assures you of years of dependable performance.

Quiet Operation

Burr Bench works efficiently and quietly - with noise levels as low as 85 dbA. Its quiet performance will not disturb surrounding operations, which provides for increased productivity.

Portable and Easy to Operate

This small, compact, completely self-contained Burr Bench rolls on swivel casters and fits nearly anywhere to maximize your floor space. Where multistage processing is needed, several Burr Bench machines may be rolled on line for "series" operation. Operation is so simple that no training or full time operators are needed, so your personnel costs are kept at a minimum.

Low Operating Costs

Typically, Burr Bench machines operate on low voltage which reduces electricity costs. And when costs of chemical compound and media are added to the energy costs, the total is only a fraction of the costs of hand deburring or large vibrators. Your costs are kept low but Burr Bench provides high quality performance for your metal finishing requirements.

Free Technical Costs

The standard Burr-Bench machines and standard media should meet a high percentage of the requirements of your applications. When needed, Abrasive Finishing's laboratory will provide the technical analysis of your special finish requirements.

Technical Specifications



Model 914

Unit: 31-3/4" high x 20-3/4" wide x 15-3/4" long
Tub: 11-3/4" deep x 13-3/4" wide x 8-5/8" long
3/8" Urethane lining; Volume: 3/4 cu. ft
Power: 110 V, 3/4 Hp, 2700 rpm
Shipping Wt: 130 lbs.



Model 2016

Unit: 35-1/2" high x 22-1/2" wide x 27" long
Tub: 15-3/4" deep x 15-1/2" wide x 19-3/4" long
1/2" Urethane lining; Volume: 2-1/2 cu. ft
Power: 110 V, 1 Hp, 2700 rpm
Shipping Wt: 350 lbs.



Model 4616

Unit: 35-1/4" high x 23" wide x 52-1/2" long
Tub: 15-5/8" deep x 15-1/4" wide x 44-1/2" long
5/8" Urethane lining; Volume: 5 cu. ft
Power: 220/440 V, 1-1/2 Hp, 2700 rpm 3 phase
Shipping Wt: 730 lbs.



Electric Powered Media/Parts Separator

- Designed especially for all Burr-Bench Models
- Separates parts and media in 30 to 90 seconds
- Anchors to floor
- 110 V ~ 1/4 Hp ~ 1140 rpm

Screen sizes: 3/8", 5/8", 7/8", 1-1/2" & 2" wire mesh or polyurethane. Choice of one metal screen included with unit

Deck Size: 20" W x 24" L

Shipping Wt: 150 lbs.