

LS Industries

designs, engineers and manufactures
environmentally-safe grit and
shot blasting equipment.

Tumble Blasters



Innovation, experience and commitment to your cleaning solution

LS provides more than 35 years experience in the engineering design and manufacturing of metal cleaning and surface preparation equipment. Working with you and your staff, LS can provide solutions that meet your requirements and integrate with your existing systems. The on-site LS engineering staff provides advanced computer design solutions for efficient metal cleaning, profiling and surface preparation.

Our quality components are industry standard and combined with rugged construction, make LS Industries a leader in blast cleaning manufacturing. Equipment production is overseen by the engineering staff through all phases of manufacturing ensuring exacting specifications. With industry standard electrical components, controls and replaceable wear resistant plate, your LS shot blaster will be low maintenance, long lasting and provide you a value that quickly realizes a profit.

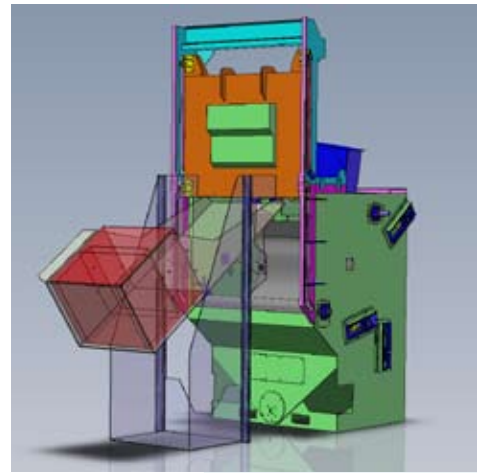
Focused on superior customer service from the initial contact and for the life of your equipment, LS strives to be the best manufacturer and supplier of metal cleaning equipment and parts. Whether you're managing a single LS product or a suite of machines, you need quick access to the right parts. LS Industries provides parts orders quickly, efficiently and cost effectively.

A streamlined parts procurement process:

- Real-time price and availability
- Provide high-quality OEM parts
- Alternate part options.

Our staff will provide a comprehensive list of parts at time of purchase. Included is a recommendation of shelf parts. A standard preventative maintenance schedule will help you manage your equipment efficiently. Budget forecasting is as simple as averaging your accrual of hours run. We cover your machine entrance to exit.

LS Industries from design, to manufacturing, to service, LS Industries is committed to providing the highest level of performance to exceed your metal cleaning needs.



3D modeling of designs



Heavy-duty table construction

LS Advantages

- Quality and Value
- Low Maintenance
- Low Operation Cost
- Fast, Efficient, Reliable
- Expert Design And Craftsmanship
- Fully Integrated, Turn-Key Systems
- System Integration
- Shot, Grit, Wire Media
- Extensive Parts Department

How does it work

At the heart of the LS blaster is the LS TurboShot™ impeller. The LS TurboShot™ impeller consists of four or eight blades mounted on a rotating drive shaft. As shot enters the LS TurboShot™ housing, it is fed directly into the path of the impeller blades to create a blast stream that maximizes the impact/coverage ratio. The LS TurboShot™ impeller features replaceable, wear resistant blades to simplify maintenance and reduce downtime. During the blasting process abrasive media is metered through feed tubes into the LS TurboShot™ blast wheel. The rotating blast wheel accelerates the media creating a shot pattern that covers the surfaces of the parts in the machine. The continuous flow of abrasive media strips rust, mill scale and other surface contaminants from the metal.

The abrasive media is then recycled through the system. Bottom wheels are feed by gravity. Equipment with top and side wheels are resupplied by a bucket elevator and augers. Additional screening of media and an air wash help clear fines and any debris from the abrasives. A dust collection system removes the particulates which are stored in a drum for recycling.

All blasters require dust collection and our custom built collectors are matched to each machine, to provide the proper amount of suction to remove debris and keep your shot clean. All blaster quotations include dust collector recommendations.

LS Industries supplies a premium grade of steel shot. A variety of sizes are available in 50 lb. bags and 1 ton drums. LS Industries also supplies soft shot and stainless steel shot for demanding jobs and a longer shot life. For more information on our steel shot and medias, call or email our Parts Department.

Custom applications requiring special engineering are possible with the LS blaster. Not only can the systems clean metal they, also etch for specific profiles, andpeen for metal improvement.

LS Industries' equipment comes with a One Year Warranty.



Parts after blasting



12RTB Rubber Belt Tumble Blaster



34B Basket Tumble Blaster

Standard Sizes:

Basket Tumble Blasters

MB2000 2.5 Cubic foot 18" x 15" dia. basket

7B 7 Cubic foot 23" x 32" dia. basket

11B 12 Cubic foot 30" x 32" dia. basket

17B 17 Cubic foot 35" x 32" dia. basket

34B 34 Cubic foot 40" x 47" dia. basket

Fixture Tumble Blasters

BH2 32" x 23" dia. basket

BH4 46" x 25.5" dia. basket

BH8 60" x 30" dia. basket

Rubber Belt Tumble Blasters

3RTB 24" wide belt, 450lb capacity

6RTB 30" wide belt, 700lb capacity

12RTB 37" wide belt, 1,000lb capacity

24RTB 58" wide belt, 3,000lb capacity

Custom sizes are available for special applications and processes.

Machines Include:

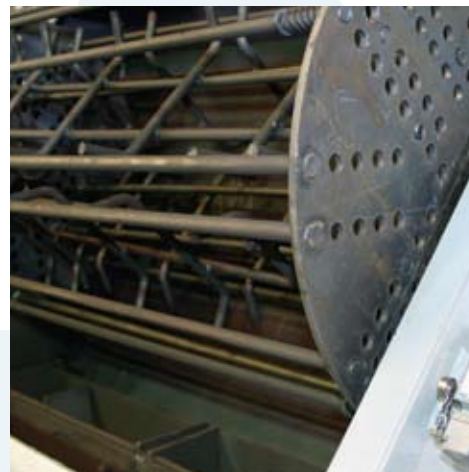
- Reinforced channel iron frame
- Steel blast cabinet
- Replaceable wear liners
- Guards for all moving parts
- Impeller drives from 10 to 40 HP
- Replaceable impeller blades
- Full load of abrasive media included
- Sealed bearings with grease fittings
- Dust collection
- Sealed dust containment hopper
- Cutler - Hammer high voltage components

Optional Accessories:

- Electrical / Voltage / Phase
- PLC / Automation
- Chrome wear plates
- Magna Valves
- Pneumatic shot shut off
- Integrated blow off
- High weight capacities
- Removable baskets
- Small parts basket
- Special baskets / fixtures
- Special medias
- Special blast patterns
- Custom cabinet configurations
- Custom material handling
- Variable speed impeller wheels
- LS SureShot™ direct drive center fed wheel
- Access ladders, stairs and platforms

Industries served:

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|---------------------|---------------------|
| ▪ Anodizing | ▪ Heat Treaters |
| ▪ Automotive/Diesel | ▪ Manufacturing |
| ▪ Casters | ▪ Metal Improvement |
| ▪ Coaters | ▪ Peening |
| ▪ Concrete | ▪ Plating |
| ▪ Fabrication | ▪ Railroad |
| ▪ Foundry | ▪ Reman |
| ▪ Galvanizing | ▪ Service Centers |



Fixtures for engines and parts