

LS Industries

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

Cylinder 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, pretreatment 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.

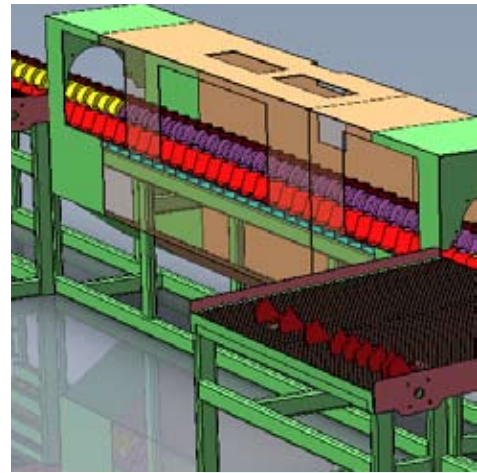
Focused on superior customer service from the initial contact and for the life of your equipment, LS strives to be the best manufacturer and supplier of metal cleaning equipment and parts. Whether you're managing a single LS product or a suite of machines, you need quick access to the right parts. LS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



3D modeling of designs



Pneumatically controlled cylinder lifts reduce fatigue and injury concerns.

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. 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, paint 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. Standard and high production units are available with.

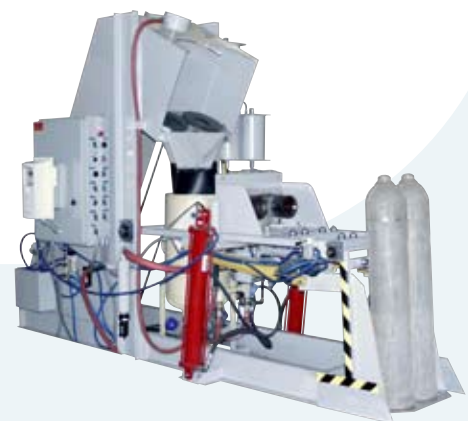
LS Industries' equipment comes with a One Year Warranty.



Cylinders after blasting



BSC20 Deluxe Cylinder Blaster



IDB-2 ID Cylinder Blaster

Standard Sizes:

CB310	Fixture Basket 3-10" Diam. x 36" also suitable for propane tanks
LSE20	6-20" Diam x 72" Steel Cylinders
LSE30	8-30" Diam x 72" Steel Cylinders
BSC20	6-20" Diam x 72" Steel Cylinders
BSC30	8-30" Diam x 72" Steel Cylinders
BFCAL	6-9" Diam Aluminum Cylinders
BFC6	3-6" Diam Aluminum Cylinders
BFC12	3-12" Diam. Steel Cylinders
CTB	10-30" Diam. x 91" Steel Tanks

Custom sizes are available for special applications and processes.

Machines Include:

- Safety systems for operation
- Structural steel
- Steel blast cabinet
- Alloy steel components for long life
- Replaceable wear liners
- Guards for all moving parts
- Pneumatic loading and unloading
- 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
- Rebuildable and upgradable design

Optional Accessories:

- Airblast Cabinets
- Batch Ovens
- Coating equipment
- Electrical / Voltage / Phase
- PLC / Automation
- Chrome wear plates
- High weight capacities
- Special baskets / fixtures
- Special medias
- Special blast patterns
- Custom cabinet configurations
- Custom material handling
- Variable speed impeller wheels
- Access ladders, stairs and platforms

Industries served:

- Low Pressure Gases
- High Pressure Gases
- Specialty Gases
- Carbonics
- Chlorine
- Cryogenic
- Fire Safety
- Medical
- Propane
- Refrigerant



Blast and polish aluminum cylinders with virtually no removal of sidewall.