

LS INDUSTRIES

***MASS FINISHING  
SOLUTIONS***

Deburring • Polishing • Surface Finishing  
Chemicals • Media • Machines

# Company Overview

LS Industries is an ISO-certified manufacturer specialising in mass finishing and surface treatment solutions for industrial applications. Established in 2003, the company brings over two decades of manufacturing expertise in the development and supply of deburring, polishing, derusting, and metal finishing chemicals, along with ceramic, plastic media and vibratory finishing equipment.

With a pan-India presence, LS Industries serves manufacturers across a wide range of industries including automotive, aluminium die castings, forgings, bearings, bushes, press parts, sheet metal components, aerospace parts, and other precision-engineered applications. Our solutions are engineered to deliver consistent performance, process efficiency, and repeatable quality across diverse component geometries and production requirements.

Driven by process knowledge, application-focused support, and reliable manufacturing practices, LS Industries provides efficient and economical mass finishing solutions while fostering long-term partnerships built on quality, trust, and operational excellence.

# PRODUCT PORTFOLIO

01

## **POWDER FINISHING COMPOUNDS**

Dry powder compounds formulated for deburring, descaling, and heavy scale removal on metal components.

02

## **LIQUID FINISHING COMPOUNDS**

Liquid compounds designed for polishing, surface brightening, and finishing of ferrous and non-ferrous metals.

03

## **FINISHING MEDIA**

Ceramic, plastic, steel, porcelain and drying media available in multiple shapes, sizes and grades to suit varied component geometries.

04

## **ADDITIVES & PROCESS AIDS**

Auxiliary chemicals including rust preventives and process aids for post-finishing protection and handling.

05

## **FINISHING MACHINES**

Vibratory and centrifugal finishing machines engineered for consistent and repeatable mass finishing operations.

# Powder Finishing Compounds



## VIBROCHEM 100P

Alkaline abrasive compound formulated for heavy deburring and descaling of non-ferrous metals. Ensures effective material removal, thorough cleaning, and uniform surface preparation.



## VIBROCHEM 200P

High-performance abrasive compound designed for efficient deburring and descaling of ferrous components. Provides consistent cutting action and controlled surface conditioning.



## VIBROCHEM 300P

Heavy-duty abrasive compound developed for aggressive deburring and scale removal on all grades of ferrous metals. Delivers fast cleaning with improved surface texture.



## VIBROCHEM 400P

General-purpose abrasive compound for deburring, cleaning, and surface conditioning of ferrous metals. Suitable for light scale removal and enhanced surface finish. It also provides light rust protection.



### VIBROCHEM 700P

Specialized abrasive compound in paste form formulated for aggressive cutting and heavy deburring operations. Ideal for substantial material removal and surface correction on ferrous components.



### VIBROCHEM 1000P

High-strength abrasive compound developed for heavy scale and rust removal on all grades of ferrous metals. Prepares steel components for subsequent polishing and finishing stages.



### VIBROCHEM ZNP

Deburring compound formulated for non-ferrous metals including zinc, aluminum, copper, and brass. Ensures effective cleaning while preparing components for further polishing operations.

# Product

## Application Matrix

CHEMICALS	Mild steel	Stainless & Alloy Steels	Brass	Copper	Cast Iron	Aluminium Die Cast	Zinc Die Cast
VB 100P			✓	✓		✓	✓
VB 200P	✓	✓			✓		
VB 300P	✓	✓			✓		
VB 400P	✓	✓			✓		
VB 700P	✓	✓					
VB 1000P	✓	✓					
VB ZNP			✓	✓		✓	✓

# Liquid Finishing Compounds



## VIBROCHEM 10L

Liquid polishing compound formulated for non-ferrous metals such as brass, copper, and zinc die cast. Delivers smooth, bright surface finishes while supporting effective cleaning during processing.



## VIBROCHEM 30L

Alkaline liquid compound designed for mirror finishing of steel, cast iron, and stainless steel. Enhances surface brightness while providing mild corrosion protection.



## VIBROCHEM 50L

Acidic liquid compound developed for mirror finishing of zinc die cast and other non-ferrous metals. Produces bright surfaces with efficient cleaning performance.



## VIBROCHEM RL

Multi-purpose liquid compound for rust removal, light deburring, and surface cleaning of ferrous and non-ferrous metals. Restores brightness and prepares components for further finishing operations.



## VIBROCHEM SFL

Alkaline polishing compound suitable for mild steel, alloy steels, and aluminum die cast parts. Ensures consistent surface smoothness with reliable cleaning action.



## VIBROCHEM AS 5L

Descaling liquid compound formulated for removal of heavy rust, oxides, and heat treatment scale from mild steel components. Prepares clean, active surfaces for subsequent finishing processes.



### VIBROCHEM ALF 10

High-performance polishing compound formulated for aluminum die cast components. Effectively removes residual oils while producing a clean, smooth, and bright surface finish.



### VIBROCHEM VSSL

Liquid polishing compound designed for stainless steel, copper, and brass components. Enhances surface brightness while supporting gentle cleaning during finishing operations.



### VIBROCHEM 22L

Liquid polishing compound formulated for mild steel, copper, and brass components. Produces smooth, bright finishes while assisting in effective surface cleaning.



### VIBROCHEM KSBL

Specialized polishing compound developed for stainless steel components. Delivers uniform surface smoothness and brightness during vibro finishing processes.

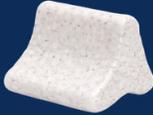
# Product Application Matrix

CHEMICALS	Mild steel	Stainless & Alloy Steels	Brass	Copper	Cast Iron	Aluminium Die Cast	Zinc Die Cast
VB 10L	✓	✓	✓	✓		✓	✓
VB 30L	✓	✓			✓		
VB 50L						✓	✓
VB RL	✓	✓	✓	✓		✓	✓
VB SFL	✓					✓	
VB AS 5L	✓	✓					
VB ALF 10						✓	✓
VB VSSL		✓	✓	✓			
KSBL	✓	✓					

A large industrial tank filled with grey, circular media, with water spraying from a central nozzle. The scene is dimly lit with a blue tint.

# Finishing Media

# Ceramic Media

STRAIGHT CUT TRIANGLE	ANGLE CUT TRIANGLE	ELIPSE	ANGLE CUT CYLINDER	TRISTAR	CONE	BALL
						
3 X 3 MM	3 X 8 MM	10 X 10 MM	3 X 3 MM	10 X 10 MM	5 X 5 MM	1 MM
5 X 5 MM	5 X 10 MM	15 X 15 MM	4 X 10 MM	15 X 15 MM	10 X 10 MM	3 MM
10 X 10 MM	10 X 15 MM	20 X 20 MM	5 X 12 MM	20 X 20 MM	15 X 15 MM	5 MM
15 X 15 MM	15 X 20 MM	25 X 25 MM	8 X 12 MM	25 X 25 MM	20 X 20 MM	8 MM
20 X 20 MM	20 X 25 MM		12 X 16 MM		25 X 25 MM	
25 X 25 MM	25 X 40 MM		20 X 40 MM			

Available in a wide range of sizes, shapes, and colors. Please contact us for details.

# Plastic Media

Tetrahedron	Paraboloid	Cone	Triangle
			
5 mm	10 mm	10 mm	10 mm
10 mm	20 mm	15 mm	15 mm
15 mm	30 mm	20 mm	20 mm
20 mm	40mm	30 mm	25 mm
25 mm		40 mm	30 mm
30 mm			40 mm

Available in a wide range of sizes, shapes, and colors. Please contact us for details.

# Porcelian Media

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## Cylindrical



## Triangular



## Balls



1 x 1.5 mm

3 x 3 mm

1 - 2 mm

1 x 3 mm

5 x 5 mm

2- 3 mm

3 x 8 mm

4-5 mm

4 x 10 mm

5-6 mm

6 x 12 mm

8-9 mm

*Available in a wide range of sizes, shapes, and colors. Please contact us for details.*

# Steel Media

Steel Balls	Cross Pins	Plain Pins	Magnetic Pins
0.5 mm	1 x 4 mm	1 x 4 mm	0.5 x 2 mm
1 mm	1 x 6 mm	1 x 6 mm	0.5 x 3 mm
1.5 mm	1 x 8 mm	1 x 8 mm	0.5 x 4 mm
2 mm	1.5 x 4 mm	1.5 x 4 mm	0.5 x 5 mm
2.5 mm	1.5 x 6 mm	1.5 x 6 mm	0.5 x 6 mm
3 mm	1.5 x 8 mm	1.5 x 8 mm	0.5 x 7 mm
3.5 mm	2 x 4 mm	2 x 4 mm	
4 mm	2 x 6 mm	2 x 6 mm	
	2 x 8 mm	2 x 8 mm	
	2.5 x 4 mm	Ballcone	
	2.5 x 6 mm	Discone	

# Drying Media

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## **CORN COB**

Corn cob drying media is a natural, plant based material used for effective moisture removal and surface drying of components after mass finishing or washing processes. Its lightweight, absorbent structure allows it to reach complex geometries and tight recesses, helping prevent water spots, corrosion, and staining on metal and plastic parts.

Available in multiple sizes and grades, corn cob media can be selected based on part size, surface sensitivity, and drying speed requirements. It is ideal for delicate components where gentle handling and uniform drying is critical.



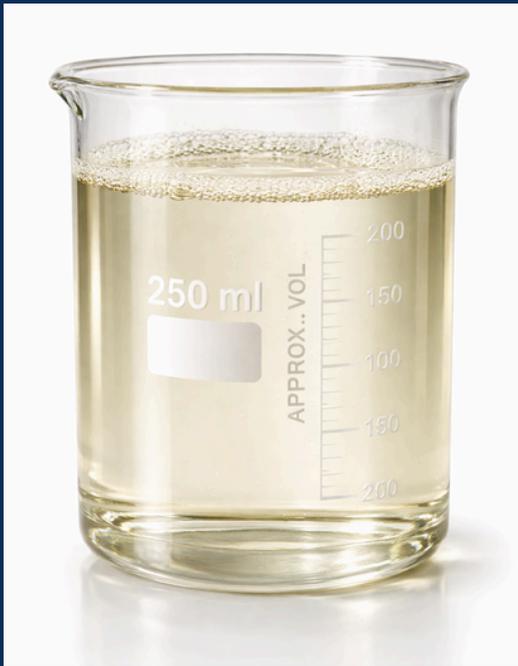
## **WALNUT SHELL**

Walnut shell drying media is a durable, organic abrasive and absorbent material used for drying and light cleaning of finished components. Its firm yet non metallic structure helps remove residual moisture while providing a mild polishing action, improving surface appearance without damaging fine details.

Supplied in a range of sizes and grades, walnut shell media can be matched to different part geometries, material types, and finishing needs. It is especially suitable for precision parts that require controlled drying with minimal surface impact.

# Additives & Process Aids

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## **Vibrochem RP 100**

Water-based corrosion inhibitor formulated to provide effective rust protection for mild steel components after vibro finishing operations. Also suitable for temporary in-process protection before further manufacturing stages.



## **TP 130**

Specialized anti-tarnish formulation designed to provide temporary protection against oxidation and surface staining on copper and brass components. Helps preserve surface brightness during storage and in-process handling.



# MACHINES

# Vibratory Finishing Machines



Model	O.D. (mm)	Processing Volume (lit.)	Motor (hp)	Bowl "U" Width (mm)
V 25	620	25	0.25	140
V 75	920	75	0.5	210
V 120	1060	120	1.5	250
V 210	1200	210	2.5	310
V 300	1350	300	3.0	340
V 600	1600	600	7.5	425
V 800	1700	800	7.5	500
V 1200	2000	1200	10.0	600

# Vibratory Burnishing Machines

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<b>Model</b>	<b>O.D. (mm)</b>	<b>Steel Media Weight (Kg.)</b>	<b>Motor (hp)</b>
<b>VB 40</b>	<b>600</b>	<b>40</b>	<b>0.5</b>
<b>VB 100</b>	<b>800</b>	<b>100</b>	<b>1.0</b>
<b>VB 200</b>	<b>940</b>	<b>200</b>	<b>1.5</b>
<b>VB 450</b>	<b>1200</b>	<b>450</b>	<b>3.0</b>
<b>VB 900</b>	<b>1390</b>	<b>900</b>	<b>7.5</b>

# Centrifugal Finishing Machines



Model	O.D. (mm)	Steel Media Weight (Kg.)	Motor (hp)	W x D x H
UTC ST 10	2.5L x 4	145 x 145	1.5	950 x 850 x 1000
UTC ST 20	5.0L x 4	160 x 230	2.0	1050 x 1040 x 1200
UTC ST 30	7.5L x 4	200 x 230	3.0	1050 x 1040 x 1200
UTC ST 40	10L x 4	200 x 280	6.0	1050 x 1470 x 1530
UTC ST 50	20L x 4	250 x 375	8.75	1235 x 1650 x 1775
UTC ST 150	37.5L x 4	300 x 560	20.0	1900 x 1900 x 2000
UTC ST 200	50 x 4	350 x 500	25.0	2000 x 2000 x 2400

# Standard Machines with Seperation

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Model	O.D. (mm)	Processing Voume (lit.)	Motor (hp)	Bowl "U" Width (mm)
VS 100	920	75	0.5	210
VS 200	1060	120	1.5	250
VS 350	1200	210	2.5	310
VS 500	1350	200	3.0	340
VS 750	1600	525	7.5	425

# Vibro Dryer

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Model	O.D. (mm)	Heating Capacity (kw)	Motor (hp)
UTC DR 100	920	0.5 x 3	0.5
UTC DR 200	1060	0.75 x 4	1.0
UTC DR 300	1350	1.0 x 4	3.0



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# CONTACT US

Need a process recommendation or product trial?  
Our technical team is ready to assist.

***Request a Sample | Get Technical Guidance | Discuss Your Requirement***

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