



SURFACEFINISHINGSOLUTION

ONE STOP SURFACE FINISHING SOLUTION

Manufacturing and Supplying a Comprehensive Range of all type of vibratory spares & services and Media , Chemical



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Why Our Equipment Excels

Crafting Excellence: Manufacturing, Exporting & Supplying High-Tech Finishing Machines

At the heart of innovation, we design, manufacture, and export a diverse range of high-performance vibratory machines, including Vibratory Finishing Machines, Centrifugal Finishing Machines, Screening Machines, and Mass Finishing Systems. Our cutting-edge solutions serve critical industries like Automotive, Chemical & Pharmaceutical, and Food Processing. Nestled in the industrial hub of Thane, Maharashtra, our advanced manufacturing facility is equipped with state-of-the-art technology and precision machinery. This prime location ensures seamless connectivity to major industrial centers, allowing us to deliver unparalleled efficiency and speed. Backed by a team of seasoned engineers, scientists, and technocrats, we bring decades of expertise to every product we create.

Vision

To revolutionize surface finishing by delivering world-class technology that meets international standards and sets new benchmarks in India. We are committed to creating superior solutions that cater to the evolving needs of our clients, ensuring reliability and excellence through meticulous testing and dedicated service.

Mision

- To lead the surface finishing industry in India by:
- Innovatively and economically responding to the unique needs of our customers.
 - Providing swift and reliable services, from rapid deliveries to exceptional after-sales support.
 - Building lasting relationships by continuously pushing the boundaries of excellence, bringing us closer to our customers.

What We Do...?

Discover our range of services designed to meet your specific needs. Whether it's expert advice, quality products, or comprehensive support, we're here to help you achieve success with efficiency and reliability.



STS Advantage

- Ready Stock: Products are available for immediate delivery.
- Consistent Quality: Reliable and uniform quality across all products.
- Test Facilities: On-site facilities for sample processing and testing, including a dedicated testing lab in Coimbatore.
- Application Support: Expert guidance to help you select the right media and compounds for your specific applications.
- Spares & Service: Comprehensive spare parts and service support available across India.

Media Selection

The choice of media—shape, size, and type—is tailored to the application, component geometry, and material. To prevent clogging, the media shape and size are carefully chosen. Our offerings include:

- Ceramic
- Plastic
- Steel
- Glass
- Drying Media (Corn Cob)



Compound Selection

Compounds are selected based on the application and the material composition of the part. Typically mixed with water, our range includes:






- Degreasing
- Descaling
- Deburring
- Polishing



We provide specialized products for both ferrous and non-ferrous components, including rust removers and inhibitors. Our compounds are available in neutral, alkaline, or acidic formulations to meet various processing needs.



Media for deburring, descaling and polishing

Grade		HAB High Abrasive Black	HAG High Abrasive Grey	LAW Low Abrasive White
	Application	Heavy Deburring Cutting Edge RADIUSING	Medium Deburring Edge RADIUSING	Polishing & smoothing
 Angle Cut Triangle	Effective in working on slotted areas and for reaching into comers	03x03 20x20 05x05 25x25 10x10 30x30 15x15 40x40	03x03 20x20 05x05 25x25 10x10 30x30 15x15 40x40	03x03 20x20 05x05 25x25 10x10 30x30 15x15 40x40
 Angle Cut Cylinder	Angles effective for concave surfaces round areas & corners	2*8 6*12 3*8 8*12 4*8 10*20	2*8 6*12 3*8 8*12 4*8 10*20	2*8 6*12 3*8 8*12 4*8 10*20
 Angle Cut Ellipse	Combine the finishing action of a flat shape followed by action of a cylindrical shape. Especially effective in concave surfaces and corner area.	13 * 6 * 13 15 * 8 * 15 20 * 10 * 20	13 * 6 * 13 15 * 8 * 15 20 * 10 * 20	13 * 6 * 13 15 * 8 * 15 20 * 10 * 20
 Cone	Most effective on concave and corner surfaces	10*10 15*15 20*20 25*25	10*10 15*15 20*20 25*25	10*10 15*15 20*20 25*25
 Ball	Smooth rolling action provides excellent contact in concave areas. Able to easily roll around and pass through.	2 5 3 6 4 7	2 5 3 6 4 7	2 5 3 6 4 7

Compounds for deburring, descaling and polishing

Product Code	Application	Suitable For	Nature	
Deburring, Descaling & Degreasing	STS 411 P	Heavy Cutting, Deburring, Descaling and EdSTS RADIUSING	Ferrous	Acidic
	STS 412 P	Heavy Deburring, Descaling and Ra value improvement	Ferrous, Sintered	Acidic
	STS 801 P	Heavy Machining mark removal and Deburring	Ferrous, Alloy steel	Acidic
	STS 102 P	Degreasing, Deburring and slight EdSTS RADIUSING	Ferrous	Alkaline
	STS 1021 P	Used in Alkaline Deburring process	Ferrous	Alkaline
	STS 1022 P	Used in Alkaline Deburring process	Aluminium, Ferrous	Alkaline
	STS 211 L	Descaling, Derusting and Smoothing	Ferrous	Acidic
	STS 214 L	Derusting and Descaling	Ferrous	Acidic
	STS 432 L	Degreasing	Non Ferrous	Alkaline
STS 433 L	Pickling, Descaling and Deburring	Non Ferrous, Stainless Steel	Acidic	
Polishing	STS 641 L	Mild Deburring and Polishing	Ferrous, Non Ferrous	Mild Acidic
	STS 513 P	Ra Value Improvement and Polishing	Ferrous	Alkaline
	STS 512 L	Mild Deburring and Polishing	Ferrous	Alkaline
	STS 101 L	Polishing and Mild Deburring	Ferrous, Stainless steel, Non Ferrous, Plastic	Mild Acidic
	STS 612 L	Polishing and Mirror Finishing	Ferrous, Alloy Steel	Alkaline
	STS 10 SF	Polishing and Burnishing	Ferrous, Stainless Steel	Alkaline
	STS 661 L	Polishing and Mirror Finishing	Silver, Non Ferrous	Alkaline
Rust Preventive	STS 713 L	Rust Preventive	Ferrous	Alkaline
	STS 10 RP	Rust Preventive	Ferrous	Alkaline
	STS 434 L	Anti oxidising solution	Non Ferrous	Alkaline
	STS 53 L	Anti oxidising solution	Aluminium	Alkaline

SPECIFICATIONS

VIBRATORY FINISHING MACHINES

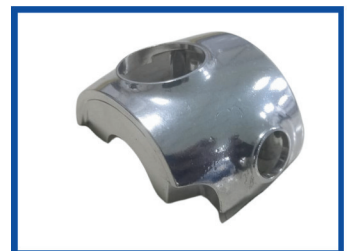
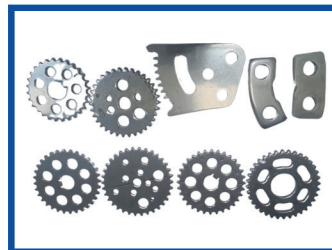
SEPARATION MACHINES

Model No.	Total Volume (Ltrs)	Diameter (mm)	PU Lining (mm)	Motor HP
STS 50 S	50	645	13	0.25
STS 120 S	120	850	13	0.5
STS 200 S	200	1050	15	1.5
STS 400 S	400	1350	15-20	1.5
STS 650 S	650	1600	15-20	2
STS 1200 S	1200	1890	20	5



STANDARD MACHINES

Model No.	Total Volume (Ltrs)	Diameter (mm)	PU Lining (mm)	Motor HP
STS 40	40	645	13	0.25
STS 90	90	850	13	0.5
STS 130	130	1050	13	1.5
STS 250	250	1100	10-15	1.5
STS 400	400	1350	15-20	2
STS 600	600	1590	15-20	2
STS 900	900	1890	20	5



Repairs & Reconditioning Our machines

Our equipment is designed for durability and long-lasting performance. With proper care and maintenance, they can have an extended lifespan. Committed to offering comprehensive solutions, the Vibro team handles all aspects of repairs and relining services for your equipment, including Vibro Bowl Reconditioning or Repair, Flopper Assembly, Spring & PU Bushes, and more. Our goal is to extend the life of your machines, recommending new purchases only when absolutely necessary.

Additionally, we provide repair and reconditioning services for finishing machines, even if they were not originally manufactured by us. All these services and parts are readily available to ensure your equipment continues to perform at its best.

Before



After



VIBRO , DFM , CFM , MACHINES SPARES



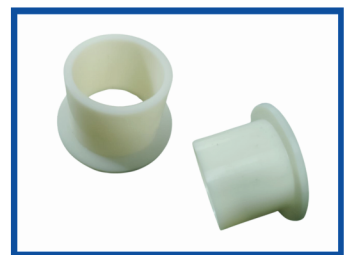
VIBRO SPRING



VIBRO MOTORS



CFM BARREL



PU BUSHES



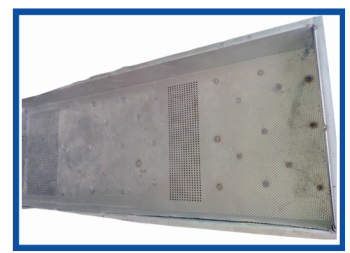
DFM BOWL PU RELINING



VIBRO SEGMENTS RELINING



FLAPPER ASSEMBLE





VIBRO TROLLEY



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