

# Taj India Machinery Excellence in Polishing & Grinding Machines Since 2000

Welcome to Taj India Machinery Pvt. Ltd., where precision engineering meets over two decades of manufacturing excellence. As a pioneering force in the polishing and grinding machinery industry, we have built our reputation on delivering robust, reliable, and technologically advanced solutions that transform manufacturing processes across the globe. Our commitment to quality, innovation, and customer satisfaction has positioned us as a trusted partner for industries seeking to elevate their polishing and grinding operations to unprecedented levels of efficiency and precision.



[WWW.TAJINDIAMACHINERY.COM](http://WWW.TAJINDIAMACHINERY.COM)

## Our Legacy & Expertise



Since our establishment in 2000, Taj India Machinery has grown from a visionary startup to a powerhouse in specialized manufacturing. With over 25 years of continuous operation, we have refined our craft, accumulated invaluable expertise, and built a legacy that speaks to our unwavering commitment to excellence. Our journey has been marked by consistent growth, technological advancement, and an ever-expanding portfolio of satisfied clients who trust us with their most critical manufacturing needs.

Our specialization encompasses three core product categories: Polishing Machines, Grinding Machines, and Special Purpose Machines (SPM). Each category represents years of research, development, and real-world application, ensuring that every machine we deliver is a testament to our engineering prowess and dedication to quality.

### Robust Construction

Every machine is built with premium-grade materials and components, ensuring structural integrity that withstands the rigors of continuous industrial operation. Our engineering philosophy prioritizes durability without compromising on performance.

### Precision Engineering

Utilizing advanced CAD/CAM technologies and precision manufacturing processes, we achieve tolerances that meet and exceed international standards. Our machines deliver consistent, repeatable results that enhance product quality and reduce waste.

### Extended Machine Life

Through meticulous design, quality component selection, and rigorous testing protocols, our machines are renowned for their longevity. Many of our clients report decades of reliable operation with minimal maintenance requirements, delivering exceptional return on investment.

# Export & Global Footprint

Taj India Machinery has successfully extended its reach far beyond Indian borders, establishing a robust international presence that spans multiple continents. Our export operations are a testament to the universal appeal and reliability of our manufacturing solutions. We have built strong relationships with distributors, dealers, and direct clients in Algeria, the United States, Bangladesh, Tanzania, and numerous other countries, each benefiting from our cutting-edge polishing and grinding technologies.

Our commitment to international markets goes beyond merely shipping products. We ensure that every machine exported meets the specific regulatory requirements and quality standards of the destination country. This includes compliance with ISO standards, CE certifications where applicable, and adherence to local safety regulations. Our engineering team works closely with international clients to customize machines for different voltage requirements, environmental conditions, and operational specifications unique to each region.



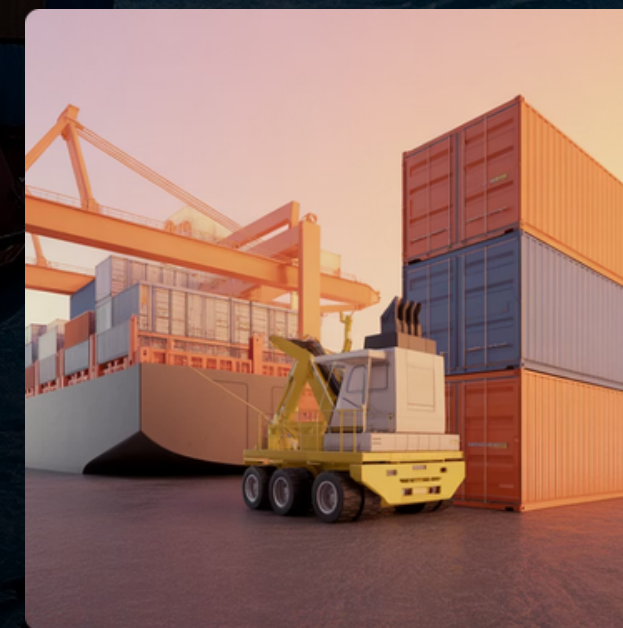
## International Quality Standards

Every exported machine undergoes rigorous quality assurance testing to ensure compliance with international manufacturing standards and client-specific requirements.



## Global Support Network

We maintain a comprehensive support infrastructure that provides technical assistance, spare parts supply, and troubleshooting services to our international clients, ensuring minimal downtime.



## Seamless Export Process

Our experienced export team manages all aspects of international shipping, documentation, customs clearance, and delivery coordination, providing a hassle-free experience for our global clients.

# Achievements & Innovations

Our journey of excellence is marked by groundbreaking achievements and continuous innovation that have redefined industry standards. At Taj India Machinery, we don't just manufacture machines—we pioneer solutions that address the evolving needs of modern manufacturing environments. Our research and development efforts have resulted in numerous technological breakthroughs that have enhanced efficiency, safety, and environmental sustainability across the polishing and grinding industry.

## Energy-Efficient Innovations

We pioneered the development of energy-efficient polishing machines that reduce power consumption by up to 30% while maintaining superior performance levels. Our advanced motor control systems and optimized mechanical designs contribute to significant cost savings for our clients while supporting environmental sustainability initiatives.

## Enhanced Safety Features

Understanding that operator safety is paramount, we have integrated multiple safety mechanisms including emergency stop systems, protective guards with interlocks, automatic shut-off sensors, and ergonomic design elements that reduce operator fatigue and minimize accident risks in high-production environments.

## Industry-Specific Solutions

Our specialized buffing and polishing solutions for stainless steel and brass industries represent years of material science research and application testing. These tailored solutions deliver superior surface finishes while extending consumable life and reducing processing time.



## Patented Technologies

Our continuous R&D efforts have resulted in patented machine components that offer unique advantages in polishing quality, operational efficiency, and maintenance simplicity. These proprietary technologies give our clients a competitive edge in their respective markets.

## Market Leadership

Recognized industry-wide as a market leader in polishing, grinding, and SPM machinery, our brand has become synonymous with quality, reliability, and innovation. This recognition is validated by our extensive client base and repeat business rate.

## Manufacturing Infrastructure

Operating three state-of-the-art manufacturing plants—two strategically located in Delhi and one in Uttar Pradesh—with an impressive combined facility area of approximately 27,000 square feet, we maintain the capacity to handle large-scale production while ensuring meticulous quality control at every stage.

# Installation & Reach

GLOBAL IMPACT PROVEN PERFORMANCE



The true measure of manufacturing excellence lies not just in production capabilities, but in successful real-world installations that deliver consistent value to clients. Our impressive installation record speaks volumes about the trust that industries worldwide place in Taj India Machinery. Each installation represents not just a machine sale, but the beginning of a long-term partnership built on performance, reliability, and mutual success.

## 1800+

### Machines Installed Worldwide

Our extensive installation base across diverse industries and geographies demonstrates the universal applicability and reliability of our manufacturing solutions. From small workshops to large-scale production facilities, our machines have become integral to manufacturing operations globally.

## 280+

### SPM Machines Deployed

Special Purpose Machines represent our highest level of customization and engineering expertise. With over 280 SPM installations, we have proven our ability to design, manufacture, and deploy highly specialized solutions that address unique manufacturing challenges across various industries.

## 25+

### Years of Excellence

More than two decades of continuous operation, innovation, and growth. Our quarter-century milestone represents not just longevity, but sustained excellence, consistent innovation, and unwavering commitment to advancing polishing and grinding technology.

### Dedicated After-Sales Support

Our commitment extends far beyond machine delivery. We provide comprehensive after-sales support that ensures maximum uptime and optimal performance throughout the machine's lifecycle.

- **24/7 Technical Helpline:** Round-the-clock technical support to address any operational concerns or queries, ensuring minimal disruption to production schedules
- **Preventive Maintenance Programs:** Scheduled maintenance services that identify and address potential issues before they impact operations
- **Spare Parts Availability:** Comprehensive spare parts inventory with rapid delivery capabilities to minimize downtime
- **On-Site Service:** Experienced technicians available for on-site troubleshooting, repairs, and upgrades when required
- **Training Programs:** Operator and maintenance training to ensure optimal machine utilization and longevity



## Client Satisfaction & Testimonials

Client satisfaction is the cornerstone of our business philosophy. The high repeat order ratio we enjoy is a direct reflection of our machines' reliability, performance, and the comprehensive support we provide throughout the customer journey. Our clients don't just purchase machines—they invest in long-term partnerships that drive their manufacturing excellence and competitive advantage.

### What Sets Us Apart

#### Customized Solutions

Every manufacturing environment has unique requirements. Our engineering team works closely with clients to understand their specific polishing needs, production volumes, space constraints, and quality objectives. We then design and deliver customized machine solutions that precisely match these requirements, ensuring optimal integration with existing workflows and maximum productivity gains.

#### Machine Reliability

Our machines are renowned for their exceptional reliability and consistent performance under demanding production conditions. Built with premium components and subjected to rigorous testing protocols, they deliver day-after-day dependability that our clients count on to meet their production commitments and quality standards.

#### Operational Excellence

We design machines with the operator in mind. Intuitive controls, ergonomic layouts, and user-friendly interfaces reduce the learning curve and enable operators to achieve optimal results quickly. This ease of operation translates to higher productivity, lower training costs, and improved workplace satisfaction.



#### Success Story: 70% Productivity Increase

A major manufacturer in the cutlery, home décor, hardware, sanitary, and sheet metal fabrication sectors approached us with a challenge: increasing production capacity while maintaining strict quality standards. After comprehensive consultation, we deployed our specialized SPM machines tailored to their diverse product lines.

##### Results achieved:

- 70% increase in overall productivity
- Significant reduction in per-unit processing time
- Improved surface finish consistency across all product categories
- Decreased operator fatigue and improved workplace safety
- Reduced consumable costs and energy consumption

This case study exemplifies our commitment to delivering measurable business value through innovative machine solutions. The client has since placed multiple repeat orders and expanded their partnership with Taj India Machinery to additional production facilities.

## Why Choose Taj India Machinery?

# Your Partner in Manufacturing Excellence



Selecting the right machinery partner is a critical decision that impacts your production capabilities, product quality, operational costs, and competitive positioning. Taj India Machinery offers a compelling value proposition that combines decades of proven expertise, cutting-edge technology, comprehensive support, and unwavering commitment to your success. When you choose us, you're not just acquiring machinery—you're gaining a strategic partner invested in your long-term manufacturing excellence.



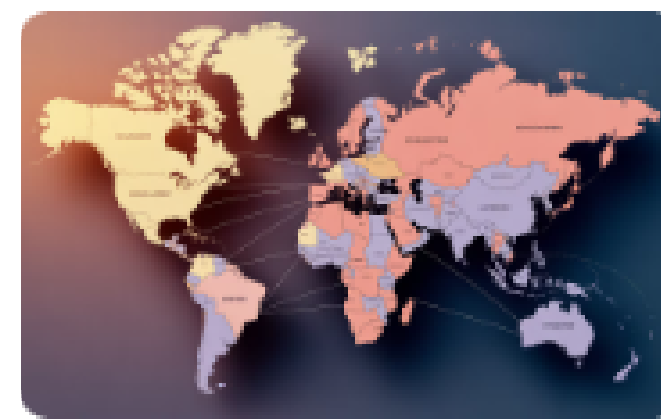
### Proven Expertise & Innovation

Over two decades of specialized experience in polishing and grinding machinery design, manufacturing, and deployment. Our continuous investment in R&D ensures that you benefit from the latest technological advances and innovative solutions that keep you ahead of industry trends and competitive pressures.



### Comprehensive Product Range

From standard polishing machines to highly specialized SPM solutions, our product portfolio addresses diverse manufacturing needs across multiple industries. Whatever your polishing or grinding requirement, we have the expertise and capability to deliver the perfect solution tailored to your specific operational context.



### Global Installations & Support

With over 1,800 installations worldwide and a proven track record of client satisfaction, we bring global experience to your local operations. Our comprehensive support infrastructure ensures that you receive prompt, effective assistance whenever you need it, minimizing downtime and maximizing productivity.



### Quality, Durability & Technology

Our unwavering commitment to quality manifests in every aspect of our operations—from component selection and manufacturing processes to testing protocols and after-sales support. We combine time-tested engineering principles with cutting-edge technology to deliver machines that set new standards for durability, performance, and technological sophistication.

## Let's Partner to Elevate Your Operations

We invite you to experience the Taj India Machinery difference. Whether you need to upgrade existing equipment, expand production capacity, or solve unique manufacturing challenges, we have the expertise, technology, and commitment to help you achieve your objectives. Let's collaborate to elevate your polishing and grinding operations to the next level of efficiency, quality, and competitiveness.

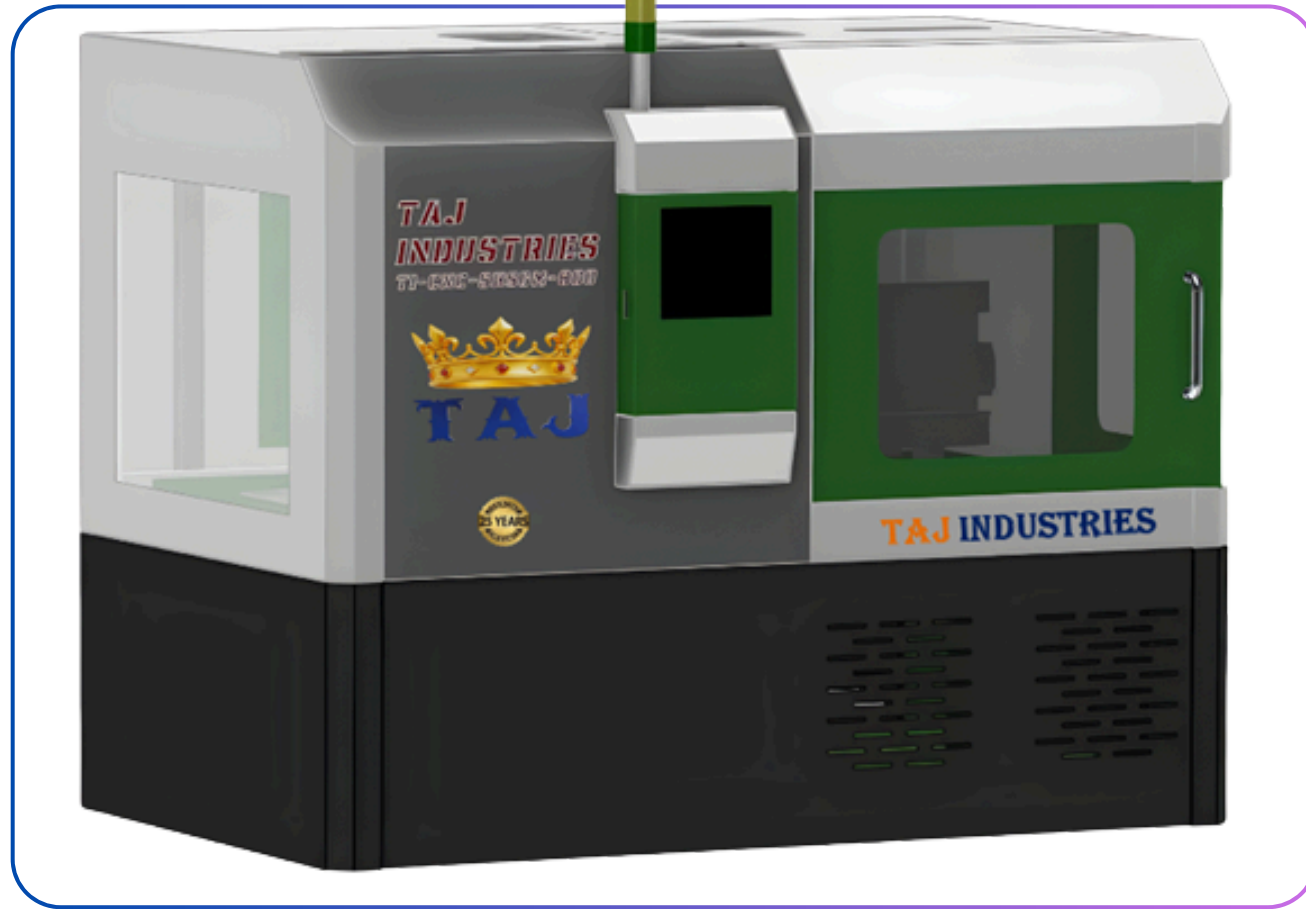
[WWW.TAJINDIAMACHINERY.COM](http://WWW.TAJINDIAMACHINERY.COM)

# SPM Polishing & Grinding Machines Our Core Strength

ZERO FAILURE RATE

CUSTOM DESIGN

PROVEN RELIABILITY



## Unmatched Reliability

We take immense pride in our SPM track record: **to date, none of our SPM machines have failed.** This extraordinary achievement is no accident—it is the result of our rigorous design methodology, comprehensive requirement analysis, and meticulous engineering approach. When we design an SPM solution, we commit to creating a machine that not only meets specifications but exceeds performance expectations throughout its operational lifetime.

Our design process begins with exhaustive consultation with clients to understand not just what they need the machine to do, but the operating environment, production volumes, quality standards, maintenance capabilities, and future scalability requirements. We then engineer every component, subsystem, and control element to work in perfect harmony, creating a machine that is optimized for reliability, performance, and longevity.



### High Precision Engineering

Our SPM machines are designed and manufactured to extremely tight tolerances using advanced CAD/CAM systems and precision machining centers. This precision translates directly to superior polishing and grinding results with minimal variation, even under continuous operation over extended periods.



### Maximum Efficiency

Efficiency is engineered into every aspect of our SPM design—from optimized material handling and automated tool changes to intelligent control systems that minimize cycle time while maximizing quality. The result is machines that deliver exceptional productivity without compromising on finish quality or operational reliability.



### User-Friendly Operation

Despite their sophisticated capabilities, our SPM machines are designed with operator-friendly interfaces that simplify setup, operation, and maintenance. Intuitive controls, clear visual feedback, and logical workflow design reduce training time and enable operators to achieve optimal results quickly and consistently.



### Energy Efficiency

Our commitment to sustainability is reflected in energy-efficient motor systems, optimized mechanical designs that reduce power consumption, and intelligent control algorithms that minimize energy waste. This not only reduces operational costs but also supports environmental responsibility initiatives.



### Exceptional Durability

Built with premium-grade materials, robust construction techniques, and protective coatings where needed, our SPM machines are engineered for longevity. Many of our clients report decades of reliable operation with minimal maintenance, providing outstanding return on investment and total cost of ownership advantages.



### Continuous Innovation

We continuously invest in R&D to incorporate the latest technological advances into our SPM designs. This commitment to innovation ensures that our clients benefit from cutting-edge capabilities, improved performance, and machines that meet evolving global standards and market demands.

Our SPM machines are trusted by leading industries across India and international markets, from automotive and aerospace to cutlery, hardware, sanitary ware, and sheet metal fabrication. This broad industry acceptance validates our engineering excellence and the universal applicability of our solutions to diverse manufacturing challenges.

[WWW.TAJINDIAMACHINERY.COM](http://WWW.TAJINDIAMACHINERY.COM)

# Special Purpose Machines (SPM) Delivered

Showcasing Our Custom Engineering Excellence

Special Purpose Machines represent the pinnacle of our engineering capabilities—custom-designed, precision-engineered solutions that address unique manufacturing challenges that standard equipment cannot solve. Each SPM project demonstrates our ability to translate complex client requirements into practical, highly effective machinery that delivers measurable operational advantages. Below are highlights of some notable SPM solutions we have successfully delivered to prominent clients across diverse industries.



## CNC Automatic Spinning Machine (SPM)

**Client:** Designco. Ltd, Lohia Group

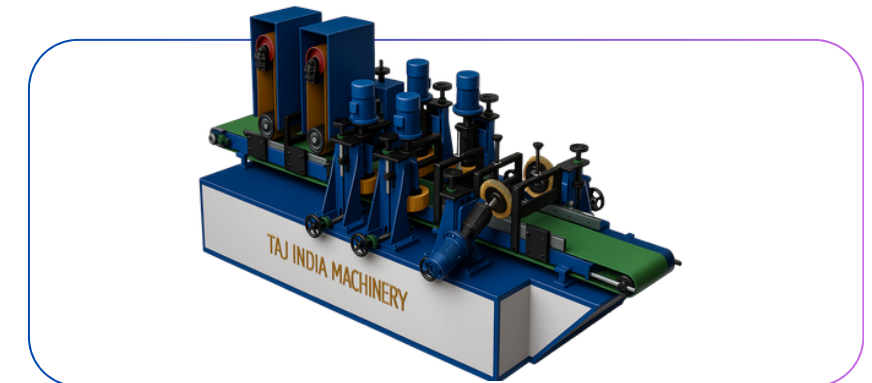
This sophisticated CNC-controlled spinning machine automates the metal spinning process with precision control over speed, feed rate, and forming pressure. Designed to handle complex geometrical shapes, it significantly reduces manual intervention while improving consistency and throughput. The machine features advanced programming capabilities that allow for quick changeovers between different product specifications, making it ideal for both high-volume production and custom manufacturing scenarios.



## Knife & Blade Sharpening Machines (Both Sides)

**Clients:** TGW Knives Ltd, Kangaro Industries Ltd

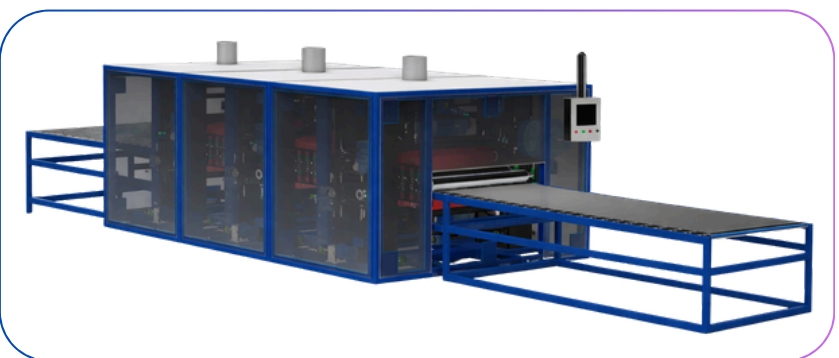
Our dual-sided knife and blade sharpening machines deliver precision edge geometry on both sides simultaneously, dramatically reducing processing time while ensuring consistent sharpening quality. Equipped with adjustable angle settings, variable speed controls, and automated positioning systems, these machines accommodate a wide range of blade types and sizes. Safety features include protective guards, automatic shut-off mechanisms, and ergonomic loading systems that protect operators while maximizing efficiency.



## Cabinet Box Polishing & Grinding Machine

**Client:** Eastman Energy Pvt. Ltd

Specially engineered for large cabinet box components, this machine handles substantial workpiece dimensions while delivering uniform surface finishing across all faces. The robust construction supports the weight and size of cabinet boxes, while precision-controlled grinding and polishing heads ensure consistent results. Multiple spindle configurations allow simultaneous processing of different surfaces, significantly reducing cycle time and improving production efficiency.



## Double Sides 6 Spindle Sheet Polishing Machine

**Clients:** Ji Tech India Pvt. Ltd, Jandal Steel, JSW Steel

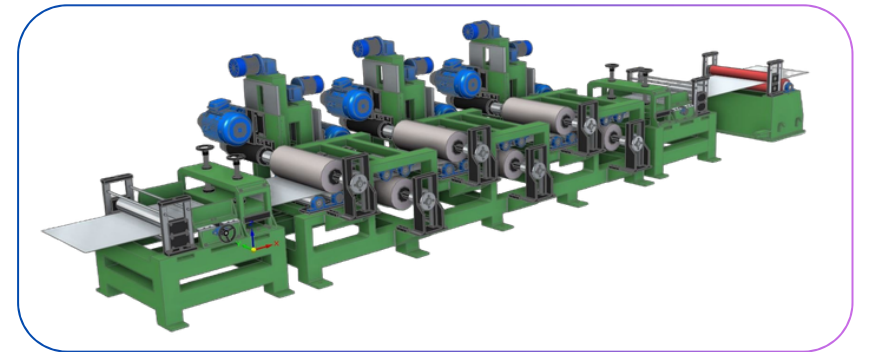
This high-capacity machine polishes both sides of sheet metal simultaneously using six precision-controlled spindles, delivering exceptional productivity for high-volume sheet processing operations. The advanced design ensures uniform pressure distribution across the entire sheet surface, eliminating variations in finish quality. Automated feed systems and quick-change tooling enable rapid transitions between different sheet specifications and finish requirements.



## Weld Removing & Grinding Machine

**Clients:** CL Gupta Ltd, Ashok Leyland

Purpose-built for automotive and heavy engineering applications, this machine efficiently removes weld beads and grinds weld zones to achieve smooth, flush surfaces. Precision-controlled grinding wheels follow weld contours while maintaining consistent depth of cut, ensuring structural integrity is preserved. The machine features dust extraction systems, adjustable work holders, and automated feed mechanisms that enhance operator safety and productivity.



## Coil to Coil Polishing Machine

**Clients:** CL Gupta Ltd, Lohia Group

This continuous processing machine unwinds metal coils, polishes the surface to specified finish requirements, and rewinds the finished material—all in a single automated operation. Tension control systems maintain consistent material handling throughout the process, while precision polishing heads deliver uniform surface finishes. The machine's high throughput capacity makes it ideal for large-scale coil processing operations requiring consistent quality across extended production runs.



# TAJ INDUSTRIES

AN ISO 9001 : 2015 CERTIFIED COMPANY

Unit 1- Office / Factory: Plot no. 4C/2 Street no. 10, Near Radha Krishna Mandir, Samaypur Industrial area New Delhi-110042 NEW DELHI (INDIA)

Mobile: (+91)- 9599760205

Email: Tanzeem@tajindiamachinery.com

Unit 2- Factory: Plot no. E-1 UPSIDA Babrala Industrial Estate Distt- Shambhal UTTER PRADESH – 243601 (INDIA)

Mobile: (+91)- 9971934089

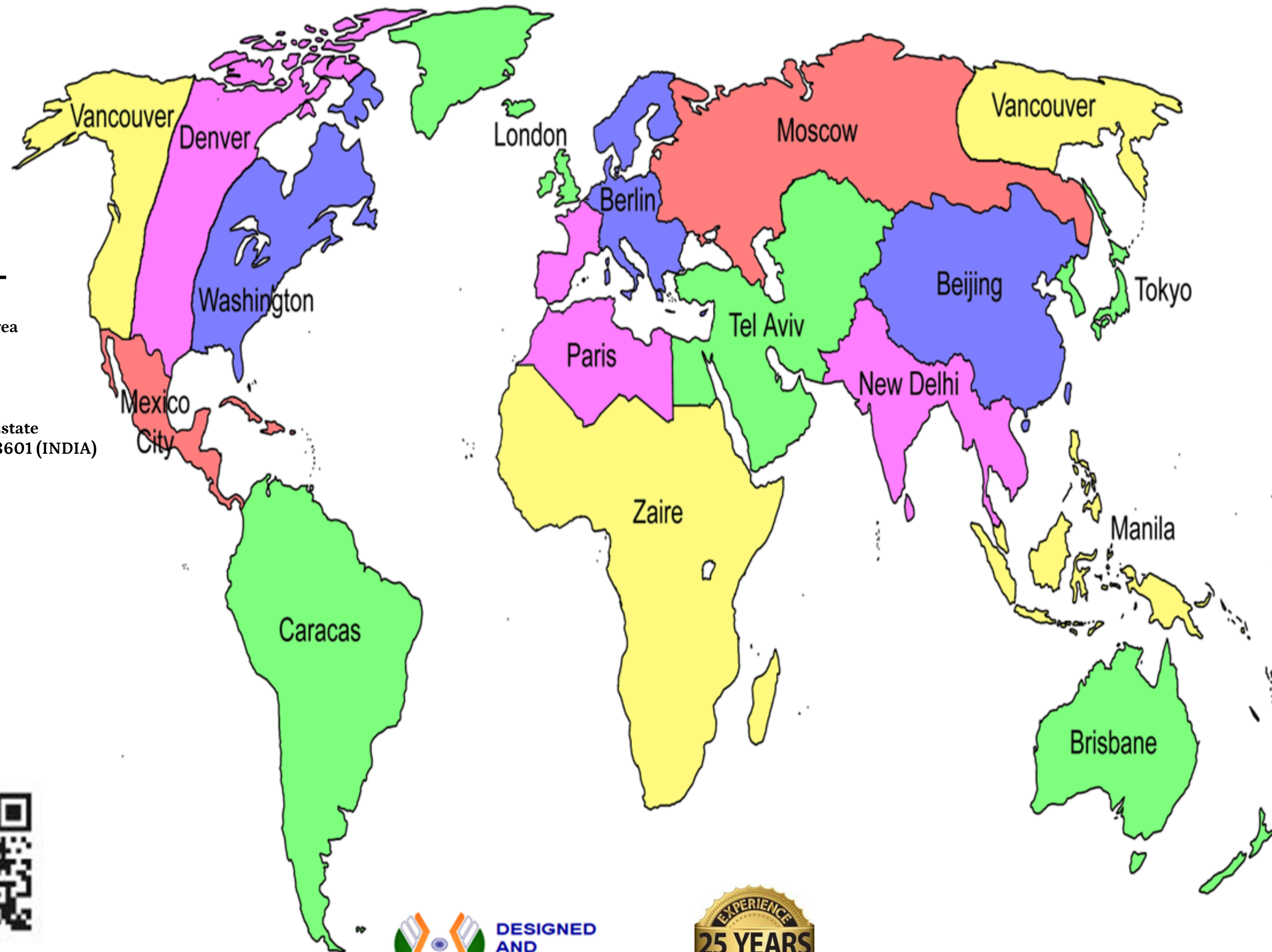
Email: Tajunit2@tajindiamachinery.com

## FOR INQUIRY

(+91)- 9599760205, 8376808285

tajmachinery@tajpolishingmachinery.com

info@tajpolishingmachinery.com



DESIGNED  
AND  
DEVELOPED  
IN INDIA



Follow us:     

MANUFACTURER EXPORTER OF BUFFING, GRINDING & SPM MACHINES