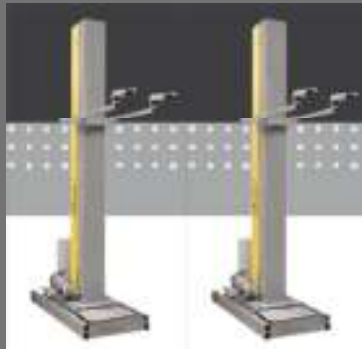


MAX

MAX Surface Coatings

Powder Coating Service Providers

MAX Surface Coatings is a new generation powder coating service provider established by MAX Switchgears Group, India. MAX has a distinguished reputation within the industry for its innovative services, unmatched quality, prompt delivery and flexibility in execution.



MAX SURFACE COATINGS

NO. 7/174, Vellanaipatty Post, Kalapatty Via, Coimbatore 641048, India.
Mobile: +91 9444082839, 9843082837 Fax: 0422 2592795,
Email: muthu@maxsurfacecoatings.com
Web: www.maxsurfacecoatings.com



Introduction

MAX Surface Coatings is part of MAX Switchgears group engaged in High Quality "Powder Coating" Services for its customers round the clock.

Its decades-long experience in the coating industry gives the singular advantage of getting valuable insights into the diverse requirements of its clientele.

MAX has recently commissioned the new technology based fully automatic powder coating system to offer to any time any color to high-volume demands and our plant is designed to run at full capacity on all seasons.

MAX is managed by young dynamic professionals with a zeal and commitment to customer satisfaction who make sure that every job is powder coated to the highest standards of quality.

Nevertheless to quote that all our deliverable are of International quality standards and accepted in world market.

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Powder Coating Service

MAX consistently achieves surface coatings that exhibit superior bonding properties together with under film protection on even the most difficult of metals and metal alloys and we powder coat on a vast range of products like

- Automobile components & accessories,
- Electrical Panels like welded panels, modular panel boards,
- Switch gearboxes
- Cable Trays and Cable Management Systems, Bus Ducts
- AC ducting (Air Conditioner Ducting)
- Forged / Press Components, Motor Covers and Bodies
- Gear Boxes, Helical wheels & Trolleys of all types
- Aluminium Components of all types,
- Building materials & hardware products,
- Domestic appliances, Bucket handles & Furniture
- Lighting fixtures & Luminaries,
- Hospital equipment of all kinds,
- Speaker grills, etc.

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We also do special powder coating services like Lead Free Coatings (ROHS Compliance) to meet the European Powder Coating needs and our quality paid for us and we have got lot of continuous export powder coating jobs.

Facilities

Our automated facility can handle the wide range of parts; our facility is designed to efficiently handle multiple long run jobs simultaneously. We can handle parts of the maximum size of

Auto Facility Max Component Size: 8 ft length x 4 ft height x 2 ft width.

Pretreatment Process:

MAX maintains one of the very few inline nine stages, pure de-ionized (DI) hot water pretreatment system. Our innovative and advanced water pretreatment system only underscores for you our commitment to quality powder coating, technological innovation and continual improvement in our powder coating equipment and processes.

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Fully automated pretreatment line consists of the following

- Auto transporter facility
- Hot water generators
- Dry-off tanks
- Sludge remover
- Air agitators & Filter press

Auto Guns & Fully equipped SS booths:

Coating systems are vital for the quality of the products; MAX has fully automated booths with reciprocator based guns to server any quantity with same quality with 99.99% utilization of the powders.

Color change in no time:

When you come to MAX your job doesn't have to wait for the booth to ready, we have

- Multiple booths and
- Reciprocator based Auto Guns of leading brands

to handle the color change in no time to help meet the customer's commitments.



Ovens:

We have next generation based elevated ovens with heat exchanger based gas fired eco burners designed to save energy which will directly save the powder coating cost.

Quality and LAB Facility:

MAX has a very good score in Powder Coating Quality Management and follows international standards. Following are the Quality Control methods we use to check the deliverable using our hi-tech lab facility.

Testing Methods

Coating Thickness

The thickness for the coating maintained is from 60 to 80 microns or as per product requirement. (Digital Coating thickness measurement instrument used to measure both ferrous and non-ferrous metals)



Scratch Resistance

By adding weight to the coated object, it should withstand 3000 to 4000 grams. (1 to 5 kg. Pin type testing.)

Weather Resistance

QUV lamps are used for this test and we test every batch.

Chemical Resistance

Detergent test, Object immersed in chemical should withstand 3 to 4 months (depending on the chemical.)

Impact Resistance

2.25 kg weight with a diameter of 15 mm is dropped from a height of 2 feet.

Heat Resistance

The object is placed inside the oven or in an incubator for 100 hrs at 120 Celsius.



Adhesion test

Cross Cut hatch & Tape used.

Corrosion Resistance

Salt spray testing. Pre-treatment should withstand 12 hrs minimum & coating 700 hrs or as per powder specification.

We are environment friendly:

We strictly adhere to the norms of pollution control boards and we have a very good post filter systems to handle the fine powders not to get into atmosphere.

Message to the Customer:

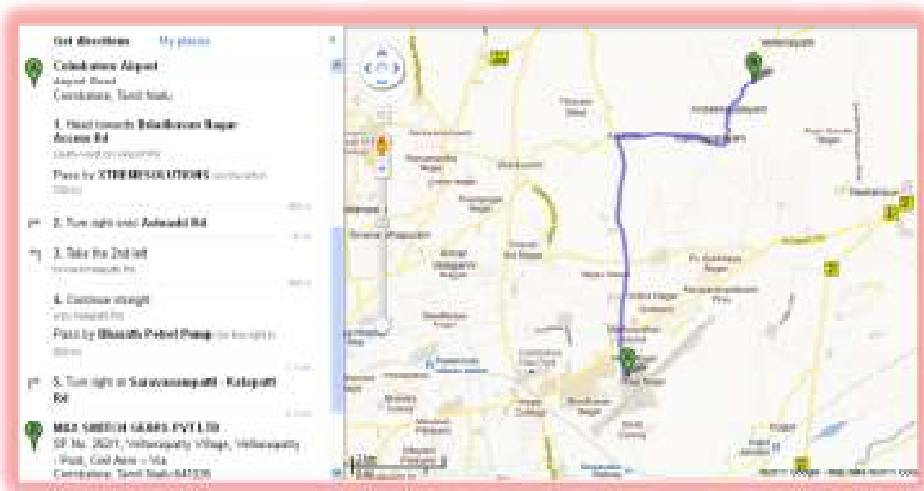
So, whether you need to have commercial grade metals or aluminum powder coated or if you have an old industrial panel that has rusted and lost its finish, MAX's powder coating provides a guaranteed quality finish the first time.



CONTACT US

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REACH US



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GALLERY

Manual Powder Coating Systems for discrete requirements	
	
Conveyorised Automatic Systems for Continuous Powder Coating	
	
SS Both for Quick Color Change & Camel Back Oven for Energy Efficiency	
	

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