



DABHOLE WELDING POINT



Thermal Spray Coating | Welding | Cladding

Welcome to Dabhole Welding Point

Dabhole Welding Point is an Sangli-palus based, professionally managed company with over 20 years of expertise in delivering cutting-edge welding and thermal spray coating solutions. Specializing in a diverse range of industries, including pump manufacturing, mining, food processing, oil & gas, and heavy fabrication, we are committed to providing advanced, cost-effective solutions that address wear, corrosion, and performance challenges.

Our team, led by experienced technocrats with hands-on experience in engineering and welding technology, ensures the highest quality standards and precision in every project we undertake. As we evolve with industry advancements, we continuously update our facilities, ensuring we stay at the forefront of technological innovation.

What We Do

Dabhole Welding Point specializes in providing thermal spray coatings and precision welding services to enhance the lifespan and performance of components across various industries. With our state-of-the-art equipment and a highly skilled team of engineers, we deliver exceptional results in:

Thermal Spray Coatings

We apply a variety of coatings, including ceramic, carbide, cobalt, and nickel alloys, to parts exposed to high wear, corrosion, and extreme temperatures. These coatings significantly extend the life of components and improve their operational performance

Precision Welding

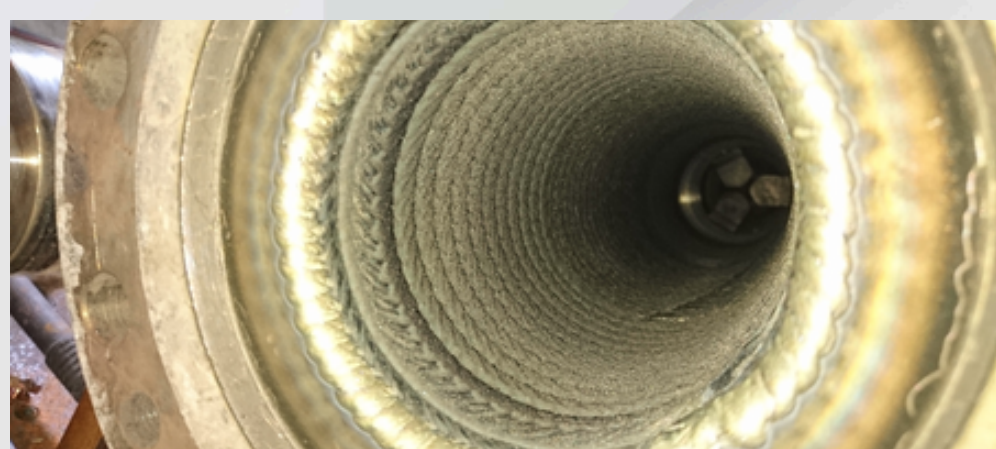
From customized welding solutions to heavy-duty fabrication, we specialize in a wide range of welding techniques, ensuring flawless execution and superior durability.

Advanced Welding & Spray Systems

Our facility is equipped with a range of cutting-edge systems, including Plasma Transferred Arc (PTA), HVOF (High-Velocity Oxygen Fuel), Arc Spray, and Flame Spray technologies, ensuring that we can handle a variety of coating needs with precision and efficiency

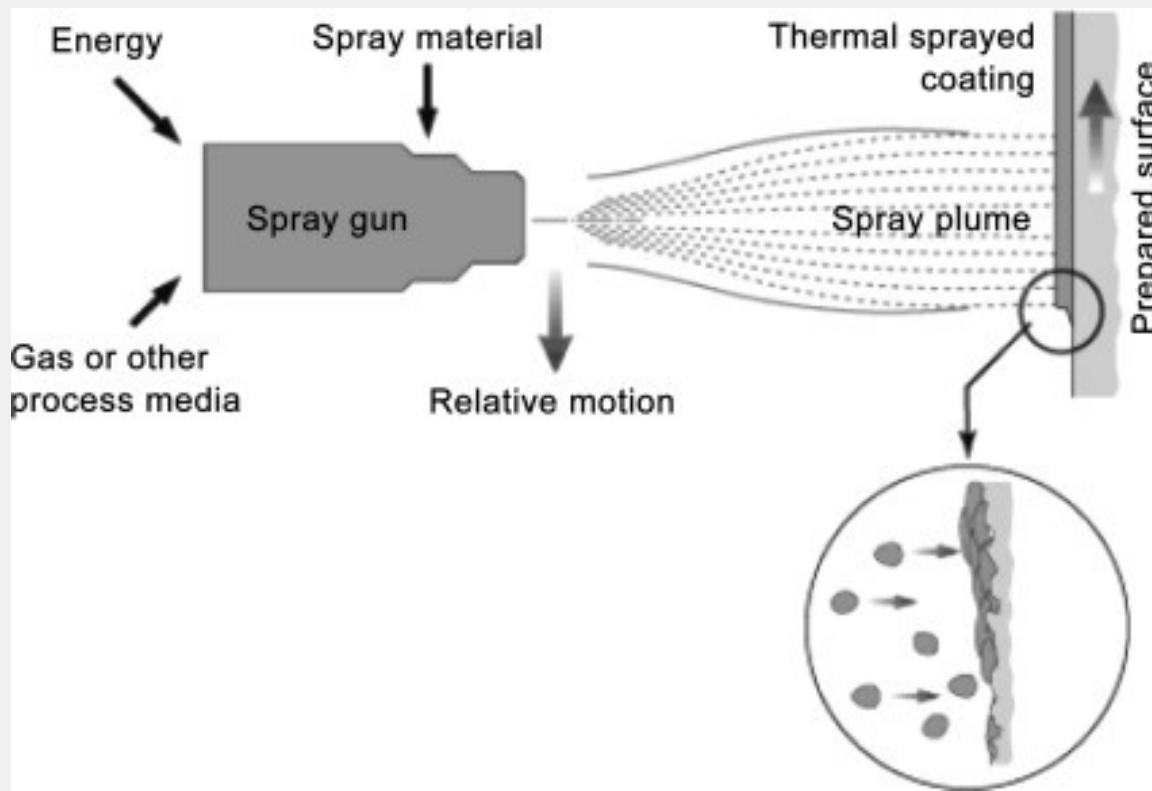
Craftsmanship, Innovation, and Quality

Our team doesn't just follow industry standards—we set them. We leverage cutting-edge technologies, combined with expert craftsmanship, to deliver superior welding, cladding, and coating services. From high-performance thermal sprays to advanced MIG, TIG, and laser cladding techniques, every solution is designed to offer enhanced durability, wear resistance, and corrosion protection



Thermal Spray

Enhancing Performance and Durability



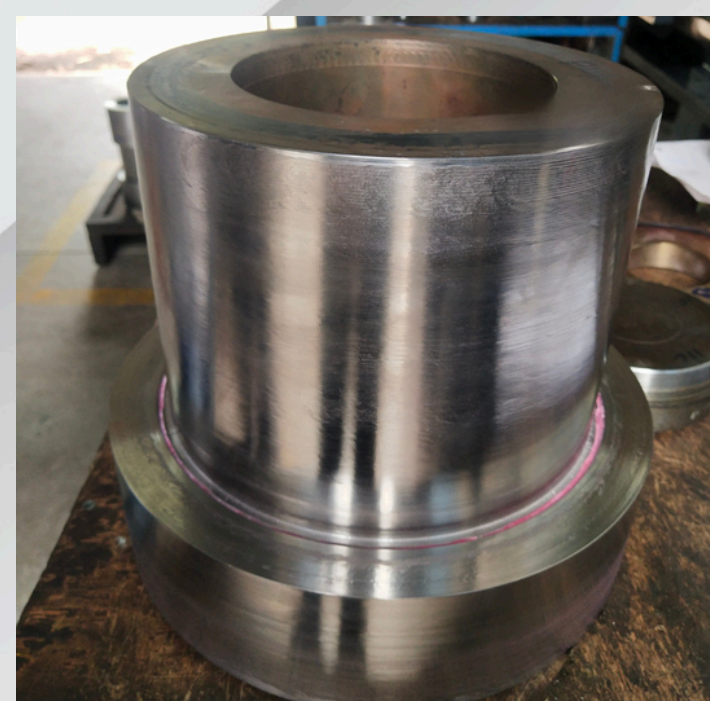
What is Thermal Spray?

Thermal spraying is a versatile and widely used process in which molten, semi-molten, or solid particles are deposited onto a substrate to form a durable coating. This process involves heating a feedstock material (often in powder, wire, or rod form) and propelling it onto the surface of a component using high-velocity gases. The particles then solidify upon impact, forming a strong bond with the substrate, creating a coating that enhances surface properties like wear resistance, corrosion resistance, and thermal protection.

This coating technique is used across a broad spectrum of industries, including aerospace, automotive, energy, marine, and manufacturing, to improve the lifespan, performance, and functionality of critical components.

Types of Thermal Spray Coatings

- Ceramic Coatings
- Carbide Coatings
- HVOF Coatings
- Polymer Coatings
- Chrome Plating Replacement
- Vessel Lining Applications
- [Learn More](#)



Welding /Cladding

Welding /cladding are critical processes used in many industries to improve the strength, durability, and resistance of components. Cladding, in particular, involves the deposition of a layer of material onto the surface of a substrate to enhance its properties, such as wear resistance, corrosion resistance, or heat resistance. Our advanced welding and cladding services offer tailored solutions to meet the specific needs of our clients across various industries

Principles of welding

- Heat Generation via Electrical Current
- Melting of Parent Metal and Filler Material
- Formation of a Stable Weld Pool
- Control of Heat Input for Proper Penetration
- Prevention of Contamination through Shielding
- Solidification and Bond Formation

Types of Welding /Cladding

- MIG Welding
- TIG Welding
- Plasma Welding
- Laser Cladding





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