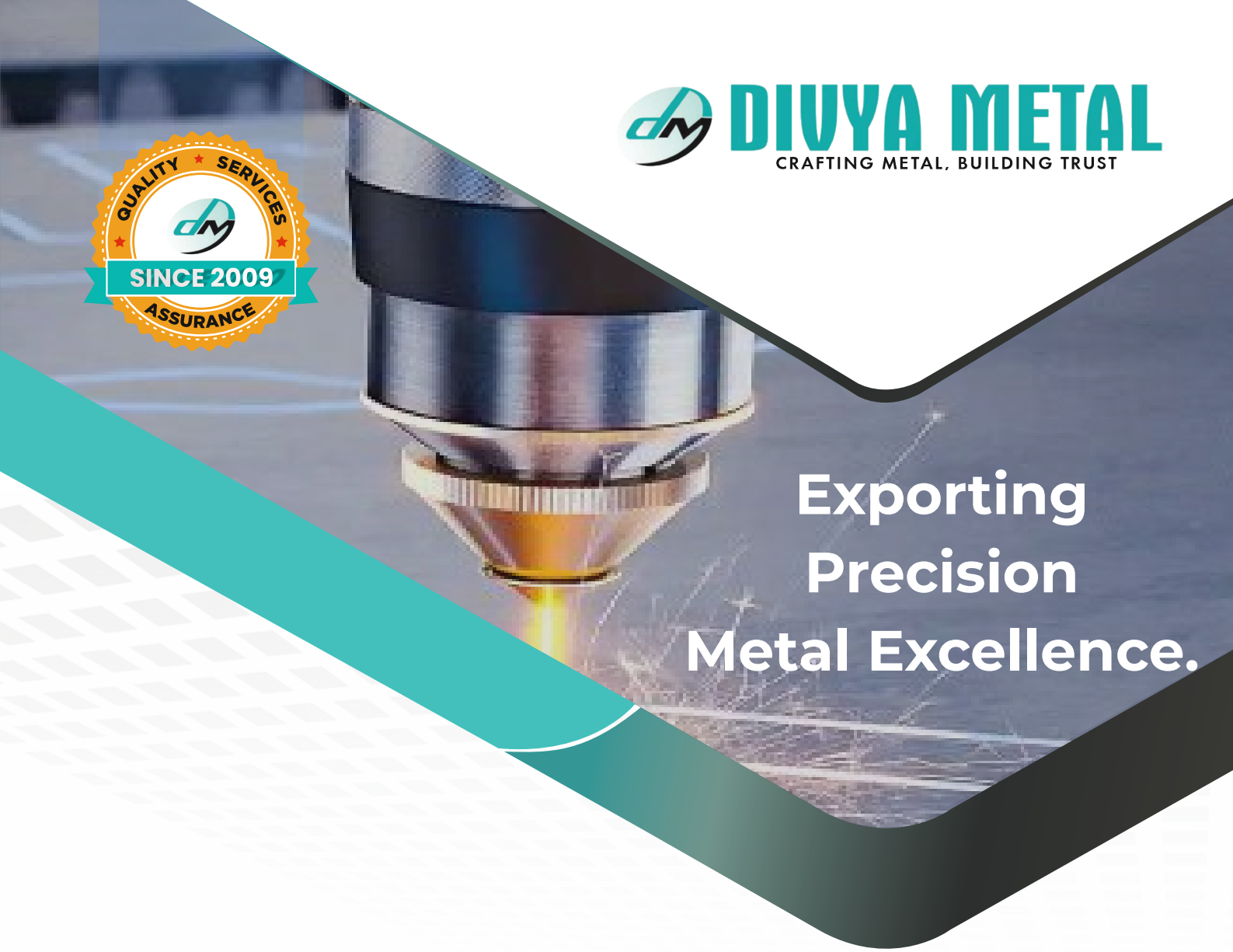
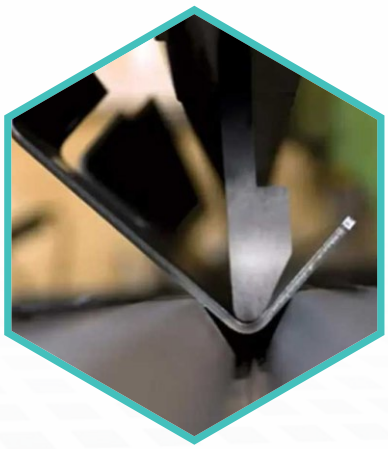
DIVYA METAL

CRAFTING METAL, BUILDING TRUST

QUALITY SERVICES SINCE 2009 ASSURANCE



Exporting Precision Metal Excellence.



SERVICES, MANUFACTURERS & TRADER OF

LASER CUTTING, BENDING, FABRICATION,
SHEET METAL WELDING ASSEMBLE,
RAW MATERIAL TRADING, STAINLESS STEEL, DIE STEEL

ABOUT US

Divya Metal , Established in 2009 is located at Chakan, Pune, India. Manufacturing & Supply of Precision metal parts and sub-assemblies in medium and heavy fabrication. We have an state of art facility of plate laser cutting machines cutting machine, CNC Press Brakes, Power Presses, Row material Trading, VMC, CNC machining centers, MIG, TIG welding for machines for MS, SS & Al and Shot blasting & Painting facility.

ISO 9001:2015 CERTIFIED COMPANY

We operate in the Automotive, Railways, Infrastructure, Engineering, and Energy sectors, following the Lean Manufacturing methodology, with a major share in the export business.

Compliance with Safety Standards

Our guarding systems and industrial solutions are designed with a strong focus on safety and compliance.

Customizable Product Range

At Divya Metal, we understand that every business has unique requirements. That's why we offer custom fabrication services tailored to your specific needs.

Who We Are

Since 2009, Divya Metal has been a leader in sheet metal, delivering custom parts, fabrication, and industrial solutions with precision and reliability.

Our vision

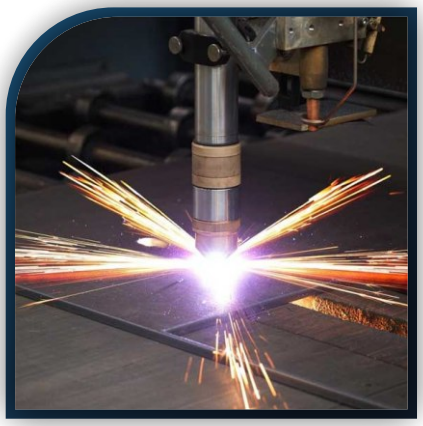
To be a global leader in the sheet metal industry by delivering innovative, sustainable, and high-quality solutions that exceed customer expectations.

Our Mission

To deliver precise, reliable, and innovative sheet metal solutions with a focus on customer satisfaction and sustainability.

SERVICES

LASER CUTTING SERVICES



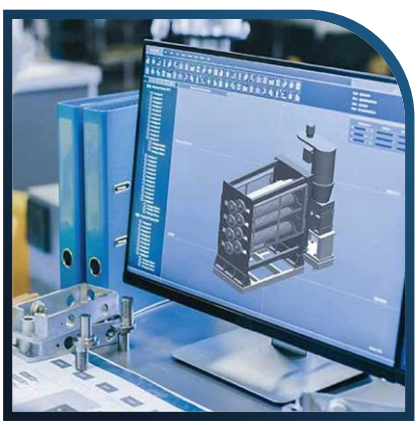
- ✓ **Precision and Accuracy :** Tolerance levels as low as ±0.1 mm, ensuring high-quality cuts for complex designs.
- ✓ **Material Versatility :** Metals: Mild steel, stainless steel, aluminum, brass, copper, titanium. Composites: Laminates and other layered materials.
- ✓ **Cutting Thickness :** Metal: Typically up to 25mm for mild steel, 20mm for stainless steel, and 15mm for aluminum. Non-metals: Varies based on material type and machine capabilities, often up to 50mm.
- ✓ **Speed and Efficiency :** High-speed operation reduces production time. Non-contact cutting minimizes material deformation.

BENDING SERVICES

- ✓ **Materials :** Metals: Steel, stainless steel, aluminum, brass, copper, and titanium. Non-metals: Plastics, composites, and other flexible materials.
- ✓ **Thickness Range :** Capable of handling materials from thin sheets (e.g., 1 mm) to thick plates (e.g., 25 mm or more), depending on the equipment.
- ✓ **Shapes and Profiles :** Standard bends: V-bends, U-bends, L-bends. Complex shapes: Multi-radius bends, spirals, or custom profiles for specific applications.
- ✓ **Accuracy and Precision :** Advanced machines ensure tight tolerances, repeatability, and smooth finishes.

FABRICATION SERVICES

- ✓ **Customization :** Tailored solutions for unique project requirements.
- ✓ **Precision :** Advanced techniques like CNC machining and laser cutting ensure exact specifications.
- ✓ **Efficiency :** Modern tools and machinery reduce production time and costs.
- ✓ **Durability :** High-quality Sheet Metal fabrication ensures long-lasting performance of the components or structures.



CAD DESIGNING SERVICES

- ✓ **Precision :** High level of accuracy in designs, reducing errors in manufacturing.
- ✓ **Efficiency :** Faster turnaround times compared to traditional drafting methods.
- ✓ **Flexibility :** Easy modifications and updates to designs.
- ✓ **Visualization :** Enables realistic 3D renders and simulations for better understanding.

PRODUCT

SHEET METAL WELDING ASSEMBLY

Sheet metal welding assembly involves the fusion of two or more metal parts, typically by applying localized heat, pressure, or a combination of both. When the heated metal cools, it solidifies, creating a strong metallurgical bond. Often, a "filler material" (like a welding wire or electrode) is added to the joint to enhance strength and facilitate the fusion.

- ✓ **Preparation:** This includes cleaning the metal surfaces to remove contaminants (oil, rust, paint, etc.) and preparing the edges of the parts (e.g., bevelling, grinding) to ensure a good fit-up for the weld.
- ✓ **Fixturing:** Components are precisely positioned and held in place using jigs, clamps, or tack welds to prevent movement and minimize distortion during welding.
- ✓ **Welding:** The chosen welding process (e.g., MIG, TIG, spot, laser) is applied to fuse the metal parts. The heat input and welding speed are carefully controlled, especially for thin sheet metal, to prevent burn-through or warping.
- ✓ **Cooling and Finishing:** After welding, the assembly cools. Post-weld operations such as grinding, polishing, or coating may be performed to remove excess weld material, improve aesthetics, or provide corrosion protection.

ADVANTAGES

- ✓ High Strength and Durability
- ✓ Permanent Joints
- ✓ Aesthetic Appeal
- ✓ Watertight and Airtight Seals
- ✓ Design Flexibility
- ✓ Reduced Material Waste
- ✓ Cost-Effectiveness
- ✓ Versatility

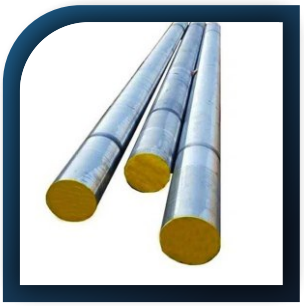
APPLICATIONS

- ✓ Automotive Industry
- ✓ Aerospace Industry
- ✓ Construction and Architecture
- ✓ Manufacturing and Industrial Equipment
- ✓ Consumer Goods and Appliances
- ✓ Washing machine drums.
- ✓ Electronics and Telecommunications
- ✓ Medical Equipment
- ✓ Energy Sector

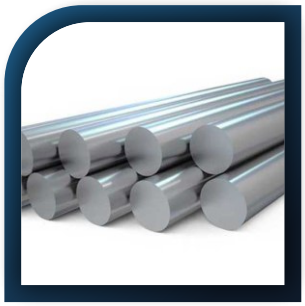
RAW MATERIALS

Die Steel

HCHCR



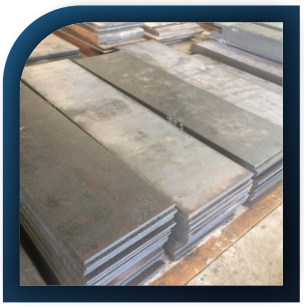
H 11



H 13

P20

WPS



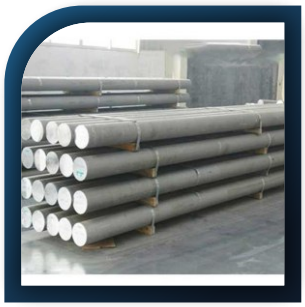
DB 6

D 2

D 3

OHNS

Ferrous



Mild Steel

EN Series

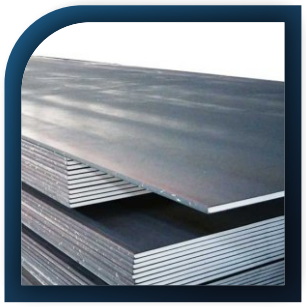
20 MN CR 5

SAE 8620

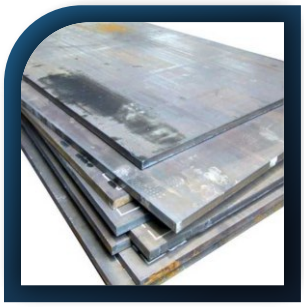
16 MN CR 5

RAW MATERIALS

Profile Cutting



MS 1MM - 300mm

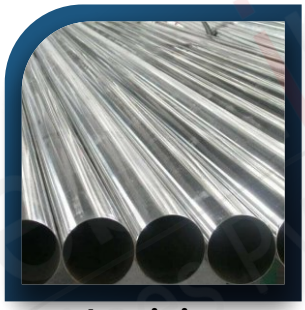


C45 1MM - 300mm

Non Ferrous Materials

Brass

Copper



Aluminium

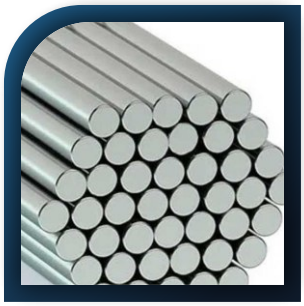
Gun Metal

Phosphor Bronze

Aluminium Bronze

Stainless Steel

SS 304



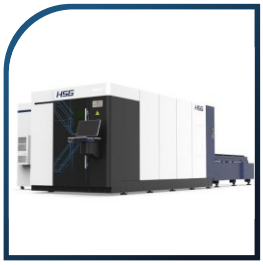
SS 316

Facilities

ALS Machine

- Modes GASH 600
- Power 4 KW
- MS Cutting up to 22 mm
- SS Cutting up to 12 mm
- Brass Cutting up to 8 mm
- Copper Cutting up to 8 mm
- Aluminium Cutting up to 12 mm

- Power 3 KW
- MS Cutting up to 16 mm
- SS Cutting up to 8 mm
- Aluminium Cutting up to 6 mm



HSG Machine

Yawie Machine
4200/220

- 8 mm Full Length Bending 4000 mm

- Cosmos make CO 2 400 AMP
- We have 3 number of Welding Machine

Welding Machine

CNC Profile Cutting Machine

- We have 2 number of CNC Profile Cutting Machine

- We have 4 number of Bancho Cutting Machine

Bancho Cutting Machine

DIVYA METAL

CRAFTING METAL, BUILDING TRUST

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