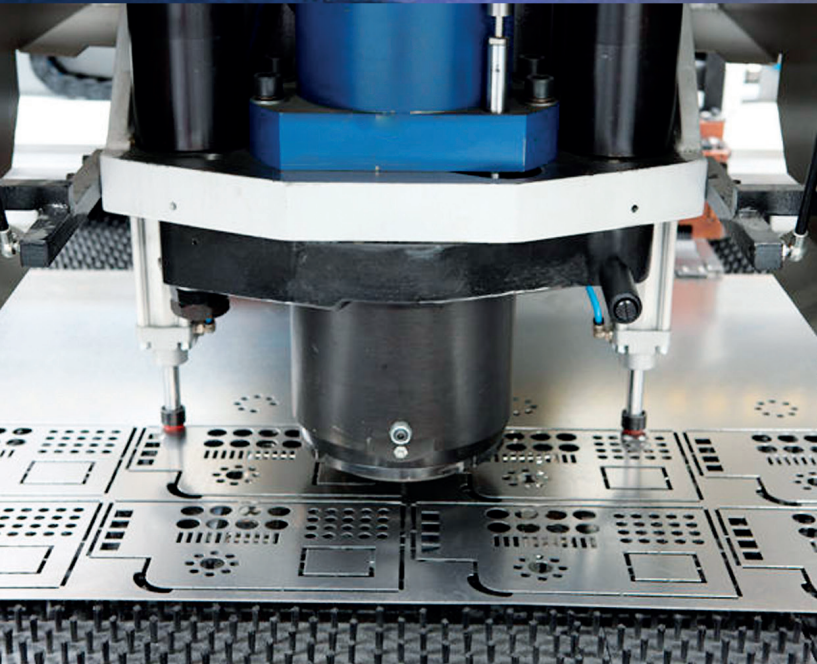
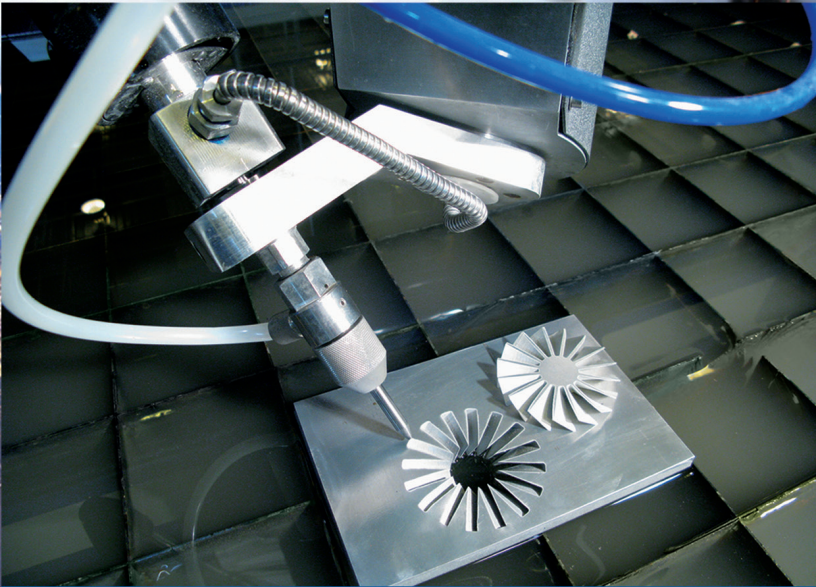




# COREMETAL



## Our Services

WATER JET CUTTING SERVICES (2 X 6M)

CNC PLASMA CUTTING SERVICES (2 X 6M)

CNC PUNCHING (PERFORATION) (1.5 X 5M)

SHEARING (6M)

BENDING (6M)



CORE METALLIC IND. L.L.C

# WATER JET



## Water Jet Technology

Waterjet cutting technology is one of the fastest growing major machine tool processes in the world due to its versatility and ease of operation.

There are virtually no limits to what waterjets can cut, which is why companies of all kinds and sizes are realizing greater efficiency and productivity by implementing UHP waterjets in their operations.

## Waterjet Services

Core Metallic Industries LLC provides water jet cutting of all kinds of materials (MS, SS, Aluminium, Brass, Copper, Glass, Marble, Granite) thickness upto 150mm. Our Machine can accomodate sheets size upto 6M X 2M.

## Waterjet cutting benefits

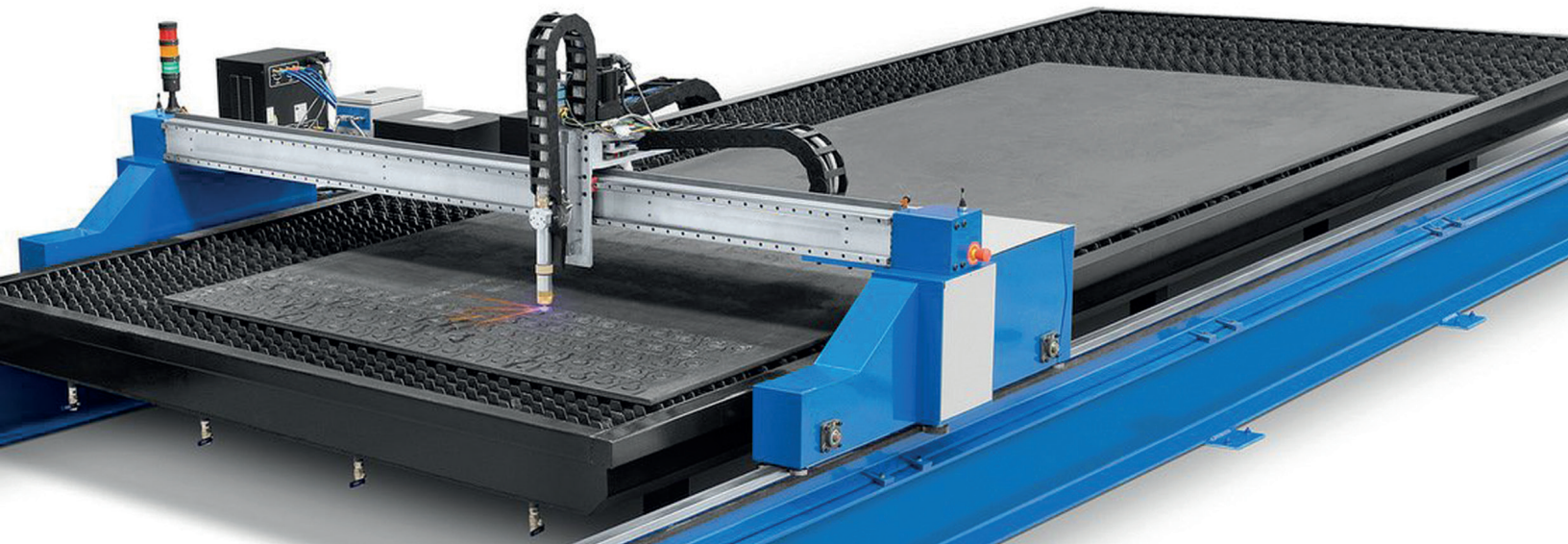
- Cutting tolerances as close as +/- .003"
- Burr-free parts
- Low contact force of the cutting stream
- High positional accuracies of +/- .001"
- No heat affected zones (HAZ)
- Cutting of almost any material
- Small kerf width to allow tight nesting and optimal material usage
- No distortion or warping of materials

## Major Industries Using Waterjet Technology

- Metal fabrication Companies (SS, MS, Aluminium)
- Marble and Granite Companies
- Oil Field Services Companies
- Interior Designers
- Sign Making and Advertising
- Glass Factories



# CNC PLASMA



## CNC Plasma Cutting

Core Metallc Industries LLC provides CNC Plasma cutting on Mild Steel Plates upto 60mm. Our Machine can accomadate sheets size upto 6.5M X 2.2M.

## Advanatages of Plasma Cutting

Comparing with other cutting technologies plasma cutting can deliver faster cuts with higher quality. In addition, plasma is able to cut many different types of metal, including painted, rusted or dirty metal. Plasma systems are also suitable for a range of metal thicknesses: from metal that's more than 65 mm thick to very thin 1-2 mm thick metal. Another advantage of plasma, it that is can operate

solely on electricity and compressed air. These and other advantages ensure that plasma is able to deliver significantly lower cutting costs per meter than oxyfuel in specific applications.

Quality is another driving factor when choosing metal cutting equipment. Overall, the cut quality produced by plasma is much better than oxyfuel. There is less dross when cutting with plasma and the small amount of dross produced is very easy to remove. Plasma cutting requires less time to master and produce quality results. Because of its high cutting speeds, the heat input into the work piece is greatly reduced. With plasma you don't have to worry about plate warping on thin materials (1-6 mm).

# CNC PUNCHING



## CNC Punching

Our punching machines are capable of punching materials in thicknesses up to 6mm and sheet sizes up to 5 metres x 1.5 metres. The materials punch profiled include stainless steel, mild steel and aluminium. Using computer-assisted part nesting allows maximum material

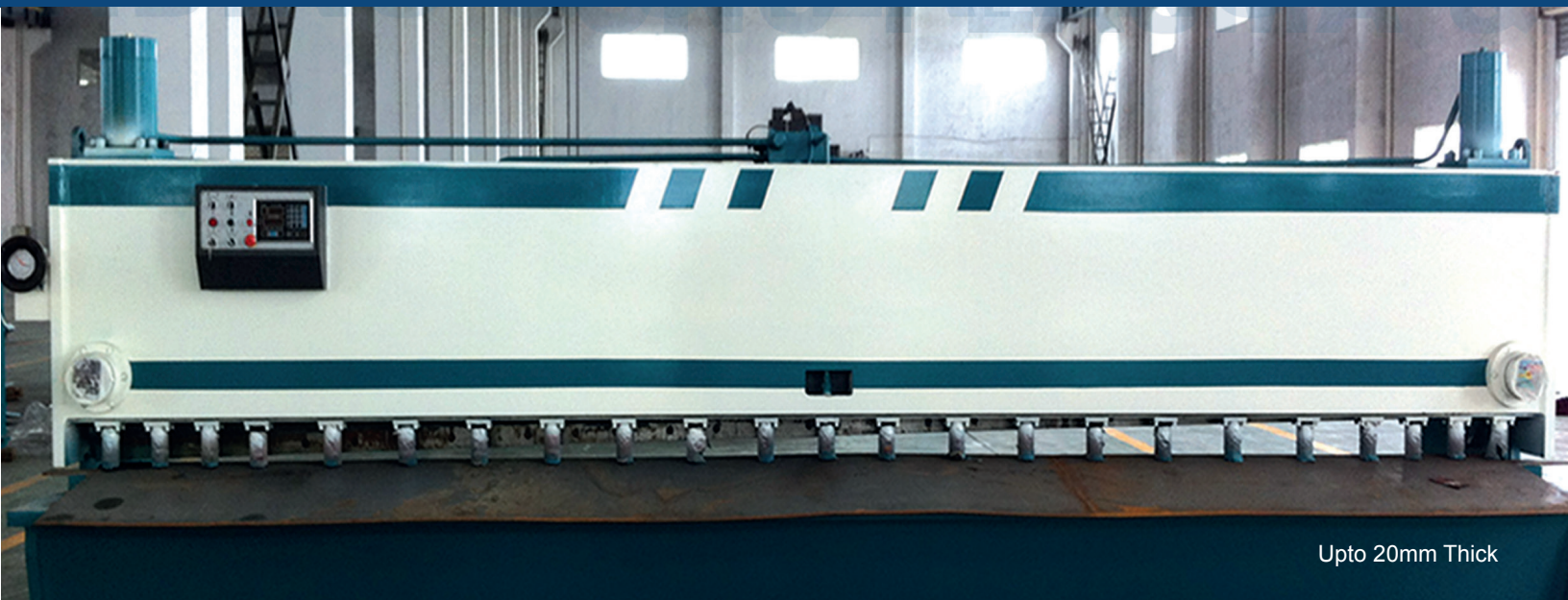
utilisation. Our advanced CAD/CAM system enables components to be programmed quickly and accurately, ensuring that there are no delays either leading up to or during production.



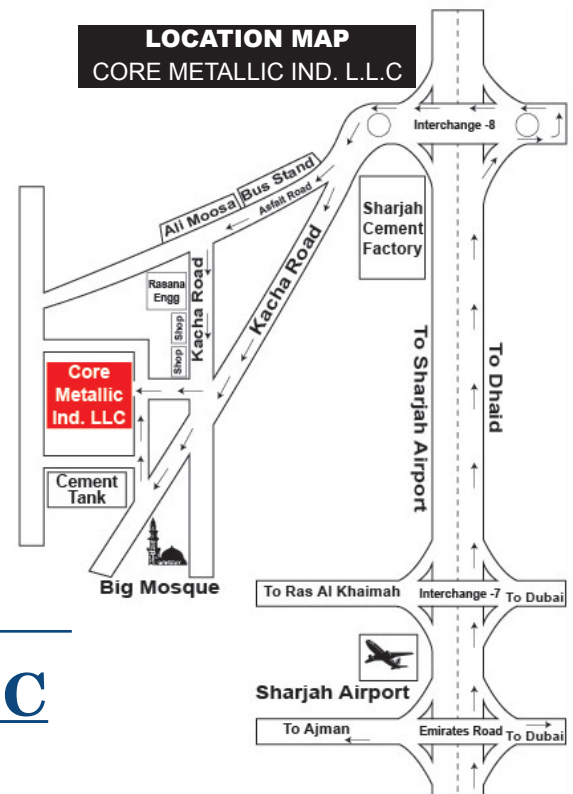
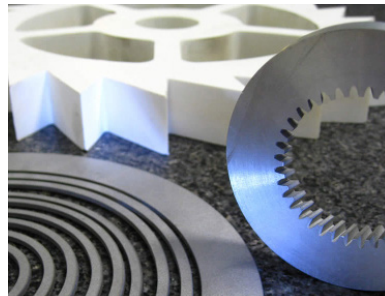
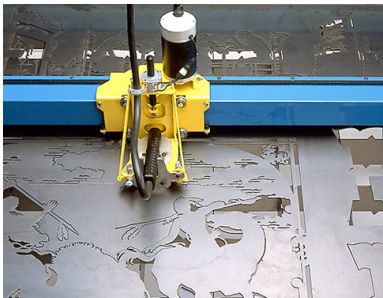
6 M Length

# BENDING & SHEARING

We offer Shearing & Bending services on our Computerised Machines upto 6M long. Our Shearing Job Works is with high shearing accuracy in various specifications required by the clients. Our bending job work to our clients services depending upon the demands and industrial requirement. Our vast experience and expertise enable us to understand the requirement of clients and helps us in providing quality and reliable metal bending services in with different sizes and different shapes.



Upto 20mm Thick



## CORE METALLIC IND. L.L.C

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