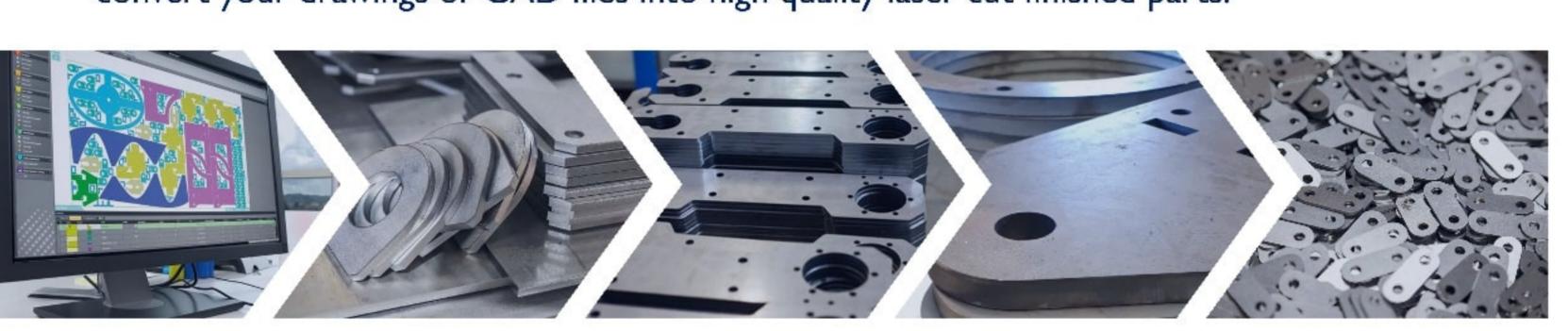
# CONTRACT MANUFACTURING

provide high quality services with quick turnaround times. IEBHERR, RUSAL Aughinish, ESB and Irish Water providing

#### LASER CUTTING SERVICE STEEL SHEET / PLATE / BEAMS / HOLLOW SECTION / CHANNEL

KME are offering a new state of the art laser cutting service capable of cutting a wide range of mild/stainless steel products. Laser cutting offers a higher quality cut and edge finish with improved accuracy and precision over traditional plasma cutting. Our cutting service provides a rapid turnaround on high volume parts. Our dedicated CAD/CAM team can convert your drawings or CAD files into high quality laser cut finished parts.



#### **REDUCE LABOUR TIMES** Our laser cutting service will help to reduce

your labour times with the use of integrated tabs and folds allowing for faster fabrication with fewer mistakes. Bevelled edges create perfect weld areas speeding up the welding process.

**INCREASE PRODUCTIVITY** By reducing the time spent on sawing and drilling you have more man hours available for productive processes like fabrication and welding. We will have your parts assembly-ready to speed up your production.

#### **SAVE TIME & MONEY**

Our high volume throughput and rapid turnaround can save you time and money by speeding up the slow processes of cutting steel plates and beams saving you the time and the cost of these inefficient processes.

### LASER SERVICE CAPABILITIES

#### Tube Laser

Precision cutting with ±0.5mm edge accuracy
Etching of identification numbers on parts
3D cutting with 45° bevel capability
Incorporate tabs and folds for ease of assembly and fabrication

#### Flat Bed Laser

- Precision cutting with ±0.5mm edge accuracy
  Etching of identification numbers on parts
  Cut mild steel plate up to 30mm
- High volume of work with a fast turnaround Eliminate process of sawing steel lengths
  High accuracy removes need for machining
  Bevelled edges for improved welded joints
  Cut vent holes for galvanising

# IN HOUSE CAPABILITIES

# FLAT BED FIBER LASER

#### 6kW FIBER LASER

Max sheet size: 6.2m x 2.6m Max Sheet Weight: 3650kg Edge accuracy ±0.5mm Max thickness: Mild steel 30mm

## FABRICATION & WELDING

- 30+ skilled welders and fabricators MIG and TIG welding
- Structural welding
- Quality Control Inspections

# CO2 TUBE LASER

#### 4kW TUBE LASER

Max weight: 60 kg/m Unloading length: Up to 12m Circular profile: Ø20-305mm Square profile: 254 x 254mm

### PAINTING & BLASTING

- Gietart Automatic Blaster can handle 1.4m x 0.65m x Any length
- Painting up to 24m in length Blasting up to 14.5m in length

- CNC Traub TND 400 Lathe CNC Drill line up to 18m
- Vertical Milling Machine Manual LathesHorizontal Milling Machine

#### High definition CNC plasma • 6m x 3m bed size • Min plate thickness 2mm Cut up to 100mm plate

CNC PLASMA

## CNC BENDING

 CNC 320 tonne Press Brake 4.1m with 6 axis backstopsCNC Pipe bender Sheet rolling

Hyrdaulic forming / pressing



Accredited to ISO 9001 & EN 1090-1

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