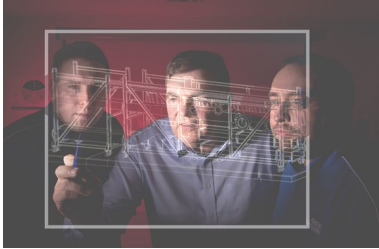




McAREE
ENGINEERING

V-MAC
COATING
SOLUTIONS

McAree Engineering are one of Irelands leading Outsource Sheet Metal Fabrication companies. Employing over 170 people across two sites in North Monaghan, we offer a complete metal design service which includes sheet metal work, fabrication and finishing.



Design Unlike most manufacturing companies, McAree Engineering have a strong design reputation with our team of Design Engineers led by Brendan McAree, our MD. The 5 strong team ensure your designs are production ready and allow us to provide a Turnkey service.

Laser Cutting providing a laser cutting service since 1999, we currently operate 4 Trumpf laser cutting machines with a maximum sheet size of 12M x 2.5m. This allows us to specialise in oversize material cutting. We have capacity to process up to 200 tons per week



Forming we operate 7 Trumpf Trubend forming machines, the largest of which is an EHT 600 ton 7m press brake. This provides the capability of folding 5.5m lengths of 12mm material. This capability is augmented by Trumpf TruBend Machines providing 100 ton at 3m & 32 ton at 4m widths.

Rolling our 4-roll, CNC, double Pinch Hydraulic Plate Bending Machine equipped with Central Top and Dual Side Supports, features the latest in rolling technology with many functions including pre bending, cone and elliptical rolling.



Punching for high volume intricate designs we operate a Trumpf 5000R punch machine with vast array of specialist dies including beading and extruded dimple for ladder and platform steps.



Fabrication we have 50 fabrication welders operating across 2 sites. Our Welding Centres are home to 40 welding cells focusing on high volume fabricated parts. Our Projects Division focuses on high design bespoke parts which tend to be physically big. Our Projects Area is certified to EN1090 Class 2. Specific expertise in Pipe Welding, Tanks and HVAC Ducting and associated products.





Painting We have a manual Powder Paint Facility with a Blast Booth (14m long x 7m wide x 6m high) complete with recovery system (manual blasting using chilled iron). Our Gema Spraybooth is 7.2m long x 4m wide x 3.3m high, complete with after filter and fire suppressant system. Our box oven is 7.2m long x 3.5m wide x 3.3m high. This system is complimented by a 8m wide x 8m high x 20m (twin set up) long, **wet spray booth with a heat capacity of 80°C**. This capability is quality controlled by our own in-house ICorr qualified Paint Inspectors.



Quality Our Integrated Management System incorporates Quality ISO 9001:2015, ISO14001:2015, & ISO 45001:2018. We use Certification Europe as our auditing authority to provide best in class, bench marking within our sector.



McAree Engineering Machine Capability

- **1 x Trumpf 8000 laser:** working area **12000 x 2500mm**, fully automated.
- **1 x Trumpf 5060 laser:** working area **6200 x 2000mm**, fully automated.
- **1 x Trumpf 3KW Fibre laser,** complete with **Rotolas** with a 300mm diameter capability.
- **1 x Trumpf 6KW laser** complete with fully automated, 16 shelf Trustore, working range 4000mm x 2000mm. 
- **1 x EHT VarioPress 600 ton Press Brake,** 7m wide complete with bending assists – we can fold up to **5.5m, 12mm HR** material.
- **6 x Trumpf Press Brake Machines:** Up to 320 tonne pressure folding up to 20mm, We can fold 10mm x 3.6m lengths.
- **Trumpf 5000r Punching Machine:** Working range 3500 x 1600, fully automated Punch capability up to 4mm mild steel, 3mm stainless steel.
- **40 fully equipped Welding Bays.**
 - On site RWC.
 - Currently EN 1090 , Class 2 certified. 3 weld procedures certified; single fillet, multi run fillet, pipe to plate, single run butt weld, multi run buttweld.
- **2 x Seam Welders**– 200mm to 2300mm diameter with a 3500mm liner axis.
- **Wet & Powder Spray Paint facility**
 - **Blast Booth** - 14m long x 7m wide x 6m high complete with recovery system (manual blasting using chilled iron, 2 pot system)
 - **Spray Booth** - Gema spraybooth: 7.2m long x 4m wide x 3.3m high, complete with after filter and fire suppressant system.
 - **Oven Size** - 7.2m long x 3.5m wide x 3.3m high.
 - **Wet Spray Booth** – 8m wide x 20m long x 8m high with a heat capacity of 80° C. **7.5 ton lifting** capability throughout wet spray booth.
 - **In-House ICORR accredited Paint Inspector Level 1.**
- **Uzmo pipe bender** – 100mm diameter 3.65mm to 6mm gauge, 180° with a centre line radius of either 480mm.
- **Spiro Tube former:** Range 100mm to 4000mm diameter for HVAC Ducting.
- **Spiro Gorelocker:** Manufacture of segment bends, reductions, end covers etc.
- **3.2m Drumasler Guillotine:** range up to 6mm.
- 3 x Metal Plate Rollers: 3200mm x 6mm gauge.
- **Peddinghaus CNC Angle Master:** Double hole Punching, shearing & hard stamping up to 15x150 x 15mm of angle and flat sections. 
- **Peddinghaus CNC Roundo:** Rolling of angle and flat sections; 100mm x 100mm x 10mm angle section, 150mm x 12mm flat section, 80mm x 40mm box section.
- 2 x Automatic Band Saws, jaw size 350mm²
- Drilling and tapping M5 to M24
- **Haeger Penn Insert Machine**
- **MG 4Rolls, Double Pinch Plate Bending Machine**—20mm Plate 1500mm wide to 2800mm Ø 
- **Timesaver 42 WRB—1000 working width:** Deburring, Heavy Slag Removal Edge Rounding, Laser Oxide Edge Removal, Finishing 
- **Faccin Vertical decoiler** complete with integrated seam welder allows us to roll 1500mm spools in 6mm gauge material to to 5100mm diameter 