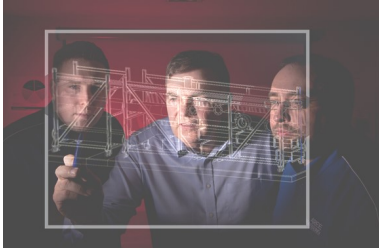




McAREE
ENGINEERING

V-MAC
COATING
SOLUTIONS

McAree Engineering are one of Irelands leading Outsource Sheet Metal Fabrication companies. Employing 160 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.

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 25 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 18001:2007. 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 3050 Fibre laser** complete with fully automated, 16 shelf Trustore, working range 4000mm x 2000mm, complete with **Rotolas** with a 300mm diameter capability.
- **1 x Trumpf 4050 laser:** 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 2certified. 3 weld procedures certified; single fillet, multi run fillet, pipe to plate, single run butt weld, multi run butt weld.
- **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:** Punching and shearing 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 soze 350mm²
- Drilling and tapping M5 to M24
- **Haeger Penn Insert Machine**

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