

Press Release

Grenville Engineering's £250k Investment in State-of-the-Art RVD SmartFibre CNC Tube Laser Cutting Machine

In a landmark year celebrating four decades of excellence, Grenville Engineering raises the bar in cutting-edge fabrication with a £250k investment in the latest RVD SmartFibre CNC tube laser cutting machine from Bison Machinery. The new machine, TF 8020.3000 model, is positioned to transform the company's operational dynamics and market outreach.

The SmartFibre CNC tube laser cutting machine boasts impressive capabilities, cutting a diverse range of tubular profiles and sections in various lengths, diameters, materials, and wall thicknesses. Metals such as Mild Steel, Stainless Steel, Aluminium, Brass, and Copper can be precisely laser-cut, providing Grenville Engineering with unparalleled flexibility in manufacturing.

The decision to bring this cutting-edge technology in-house is strategic, as it allows for more control and flexibility and significantly reduces lead times. Grenville Engineering's sales director Stuart Rawlinson expressed his enthusiasm, stating, "The new fibre tube laser from Bison isn't just a piece of equipment; it's an absolute game-changer for the business."

Driven by Lantek Flex3d processing and nesting software, the SmartFibre machine can produce intricate components in various profiles, including round, square, oval, and flat-sided oval. Additionally, they have enhanced their capabilities by upgrading to the optional Lantek module, which broadens functionality and allows for processing flat bars and open-sided components like angles and channels.

The machine is equipped with high-quality components, including a RayTools auto-focus cutting head, Yasakawa drives, and nLIGHT laser sources ranging from 1.5kW to 6kW in power ratings. Stuart Rawlinson highlighted the operational advantages: "Operationally, it means greater precision, more versatility, shorter lead times, greater cost-efficiencies, and more eco-friendly processes - an exciting development for our valued customer base and partners."

The investment will improve the services provided to the current customer base and open doors to new markets and applications. Grenville Engineering anticipates enhanced efficiency, expanded capabilities, maximized productivity, faster lead times, and lower costs as key outcomes of this strategic investment.

As the newly acquired machine ramps up to full operational capacity, Grenville Engineering foresees the creation of fresh employment opportunities. This could manifest as internal career development for current team members or the exciting prospect of welcoming new talent to join the growing Grenville team. Beyond technological advancements, the company is committed to cultivating a thriving work environment and fostering career growth within its expanding operations.

Committed to progress and staying competitive, Grenville Engineering's investment in cutting-edge technology reflects its dedication to embracing future advancements and meeting the evolving needs of the industry. The company remains positioned as a leader in precision engineering, ready to make significant strides in the market with its latest acquisition.

Photo Left to Right; Dali Dong (Operations Director), Stuart Rawlinson (Sales Director), Grant Barratt (Director)