

## **Breathe new life into legacy equipment with**

### **KM Tools machine refurbishments**

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**When a trusted machine starts to breakdown or become outdated, complete replacement can seem like the easy option. However, depending on the application the costs and lead times associated with a new asset might not be suitable. To provide a cost-effective alternative with reduced lead times, KM Tools offers a complete machine refurbishment service within the same footprint. Existing units can be upgraded well beyond OEM specification, delivering extended reliability and incorporating modern technologies.**

#### **Why refurbish?**

Many machines operating on industrial production lines are highly specialised, featuring custom tooling, control and work holding solutions. However, continuous usage means that the performance of even the most reliable machine can degrade and the unit become uneconomical to run. Ordering a replacement might seem preferable but building a new machine to a custom specification is both time consuming and costly.

In response, KM Tools, a leading machine builder, offers its customers a cost-effective machine refurbishment service. A complete electromechanical service provider with a proven track record of producing machines for industrial, automotive and rail production lines in the UK, KM Tools can renew any existing equipment to a level beyond its capabilities when new.

### **Complete refurbishments in-house**

Neil Harrison, Sales Manager at KM Tools, expands: “As we build production machinery for leading OEMs across multiple industries, we are extremely familiar with even the most specialised units. Our ability to design, manufacture and implement custom mechanical and electrical systems means we can upgrade all aspects of existing machines within a fraction of the time and cost associated with building a new machine.”

KM Tools has the ability to manufacture custom tooling and work-holding solutions. It operates a fabrication department that can completely overhaul machine frames. Furthermore, it can design and implement new controls and automation systems, ensuring that older machine designs can be upgraded to the latest modern efficiency standards. Experience supplying solutions to leading OEMs means that refurbished machines can be seamlessly networked into factory-wide automation systems.

“Recent successful projects include the refurbishment of a vector pipeline (VPL) machine for a leading UK exhaust manufacturer. We also delivered a renewed CNC wire-bending machine to a customer within 10 weeks, when a new replacement had a four-month lead time. As well the cost benefits, there are tangible time savings too, which is all important for our manufacturing customers,” says Neil.

### **Maximising productivity**

As well as the cost and time advantages, KM Tools machine refurbishments enhance the speed, efficiency and accuracy of equipment. In addition, upgrading an existing machine ensures that refurbished units can be easily reintroduced to the production line within the same space requirements. KM Tools can also reproduce



control panels to ensure instant operator familiarity. A turnkey approach to refurbishments helps to guarantee a consistent quality of repairs and upgrades.

Neil concludes: “Our complete in-house service and experience providing equipment for multiple industries means we can take a tailored, quality-driven approach to each aspect of a machine refurbishment project. Therefore, a short lead time and reduced costs are matched with improved performance and reliability, ideal for maximising productivity.”

**Image captions:**



**Image 1:** KM Tools delivered a renewed CNC wire-bending machine to a customer within 10 weeks.



**Image 2:** KM Tools delivered a renewed CNC wire-bending machine to a customer within 10 weeks.



**Image 3:** Recent successful projects include the refurbishment of a vector pipeline (VPL) machine for a leading UK exhaust manufacturer.



**Image 4:** Recent successful projects include the refurbishment of a vector pipeline (VPL) machine for a leading UK exhaust manufacturer.



**Image 5:** KM Tools has the ability to manufacture custom tooling and work-holding solutions. It operates a fabrication department that can completely overhaul machine frames.

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## About KM Tools Ltd

KM Tools Ltd (KMT) specialises in manufacturing, maintaining and renewing specialised machines used for the manufacture of automotive components, with a specialist focus on emission control (Exhaust, CAT & DPF) product manufacture. It also specialises in providing precision assembly-line jigs and machines for the rail industry.

Its machines are used by leading brand manufacturers building parts for the OE market and the automotive aftermarket across the globe. Our manufacturing and service centre is based in a purpose built facility the Midlands from which it manufactures, services and rebuilds and supports hundreds of individual machines.

KMT can service, support and re-manufacture most machines from any original manufacturer, including one-off custom designs. It also develops tooling and workholding solutions such as bespoke automated, or semi-automated mandrels, jig and fixturing systems.

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