CAPABILITY ENHANCEMENT

SODICK VL600T WIRE EDM

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PRESSURE DYNAMICS

EXPANDING OUR PRECISION MANUFACTURING CAPABILITIES

Pressure Dynamics Queensland are pleased to announce the addition of a Sodick VL600 Series Wire EDM machine to our manufacturing facility, further strengthening our ability to deliver high-precision components and tooling solutions. The VL600 Series features advanced linear motor drive technology and the latest LN2W control system, providing exceptional accuracy, surface finish quality, and repeatable performance for complex machining applications.

This investment enhances our capability to manufacture intricate components, precision tooling, mould and die inserts, aerospace parts and high-tolerance production parts with greater efficiency and consistency. The machine's large work envelope and advanced wire EDM technology allows us to handle a wider range of projects while maintaining the quality standards our customers expect.

By continuing to invest in leading-edge manufacturing technology, we are committed to providing our customers with improved capacity, shorter lead times, and precision solutions for even the most challenging applications. We look forward to supporting both existing and new customers with these enhanced capabilities.

PRECISION CUTTING, BIG CAPACITY RESULTS

Our **Sodick VL600T Wire EDM** combines exceptional accuracy with a generous machining envelope, making it ideal for manufacturing intricate components, tooling, dies, and precision-engineered parts. With a work tank size of **1,040 mm x 780 mm** and axis travels of **600 mm (X) x 400 mm (Y) x 500 mm (Z)**, it can comfortably accommodate components up to approximately **600 mm long, 400 mm wide, and 500 mm high**, while supporting workpieces weighing up to **850 kg**.

In simple terms, the machine can accurately cut parts roughly the size of a large office desk drawer while maintaining extremely fine detail. Using advanced linear motor technology, the VL600T is capable of producing features and profiles with precision measured in **microns**, allowing for incredibly tight tolerances that are often difficult or impossible to achieve with conventional machining methods.

Whether you require complex profiles, intricate tooling, or high-accuracy components, the **Sodick VL600T** delivers repeatable, high-quality results with outstanding dimensional accuracy and surface finish.



Sodick VL600T Wire EDM



Typical wire EDM gear profile



Typical wire EDM components