About us

Victor Machining is the latest addition to the Victor Hydraulics operation.

Established over 60 years ago, Victor Hydraulics is the principal manufacturer of hydraulic cylinders in New Zealand and a key supplier to the New Zealand, Australian and global markets.

To ensure we remain at the forefront of our industry, we are firmly committed to a programme of continual product and process improvement. In doing so we have achieved a number of international benchmarks standards.

We were the first manufacturer in New Zealand to achieve the stringent John Deere JDS-G223 quality standard, which champions customer service, design, quality, cost and on-time delivery. We have also achieved Key supplier status in John Deere Achieving Excellence Programme, as part of our decade-long partnership with TreeTopper.

We are currently the only hydraulic cylinder business in Australasia to achieve ISO 9001 accreditation for the design, manufacture and supply of hydraulic cylinders. With a proud quality and safety record, we have also achieved AS/NZS 4801 and BS OHSAS 18001 for the management of Occupational Health and Safety for the design, manufacture and supply of hydraulic cylinders.

As well as significant plant development, we invest strongly in our staff, including multi-discipline training, health and safety, and professional development. Located in Christchurch, Victor employs over 80 staff with diverse skill sets across two manufacturing sites.

We believe in setting the benchmark high and then aiming even higher. This enables us to offer a greater range of services and support, while ensuring the same high level of service, and consistency of quality and supply. Victor is known for.

Tube bending

Contact the Victor team to discuss how we can add value to your business.
With the support of our flagship production facility, we are able to offer additional finishing services. To ensure a superior end product, we can provide a high quality paint finish through the recent installation of an automated paint mixing room, spray booth and drying oven for the electrostatic application of two pot epoxy paint finishes.

Victor is able to offer high precision tube bending to companies looking to outsource their specialist machining operations. Traditionally, Victor specialised in the design and manufacture of premium hydraulic cylinders, predominantly for the primary sector. With the addition of a purpose-built machining facility, we are now able to respond to high market demand from companies across a range of industries looking to outsource production requirements to a trusted name in manufacturing.

Specialist tube bending

The Hanjie HC-380R2 is a high-tech CNC rotary draw tube bender, utilising complex and sophisticated technology. With cutting edge technology, this machine has the capability to deliver a range of bending solutions - from large scale production runs, to customised multiple-bend projects. Fully programmable, the HC-380R2 is ideal for bending tubes and hollow square sections for a range of applications and sectors.

Our highly trained team is also able to process multiple bends and differing planes, and produce severe bends with high quality requirements. With an advanced operating system, the HC-380R2 is able to accommodate various materials, including steel, stainless steel, aluminium and superalloys.

- Bending angle: maximum 200 degrees
- Draw bending radius: maximum 150mm
- Bending length:
  - With mandrel: 2m
  - Without mandrel: unlimited

The HC-380R2 is able to accommodate various materials, including steel, stainless steel, aluminium and superalloys.

- Bending of mild steel tubes up to 38mm diameter and 2mm wall thickness
- Bending of stainless steel tubes up to 32mm diameter and 1.8mm wall thickness
- Bending of mild steel square up to 55mm diameter and 1.8mm section

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Our ability to deliver high-tech tube bending, combined with a comprehensive range of component and specialist machining services enables us to support a number of sectors and applications.

Machining services

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From precision processing of specialist components to the design and production of a complete customised solution for your business, we can work with your team at a level of input that suits your supply chain.

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The Hanjie HC-380R2 is a high-tech CNC rotary draw tube bender, utilising complex and sophisticated tooling. With cutting edge technology, the machine has the capability to deliver a range of bending solutions - from large scale production runs, to customised multiple-bend projects. Fully programmable, the HC-380R2 is ideal for bending tubes and hollow square sections for a range of applications and sectors.

Our highly trained team is also able to process multiple bends and differing planes, and produce severe bends with high quality requirements. With an advanced operating system, the HC-380R2 offers the flexibility for difficult tube specifications. The geometric precision of the process prevents wrinkles and ovalisation, ensuring a smooth finish. The tooling can also be reconfigured to meet specific product requirements.

Our ability to deliver high-tech tube bending, combined with a comprehensive range of component and specialist machining services enables us to support a number of sectors and applications.

From precision moulds, automotive, construction, container handling, power generation, general engineering, forming, interior, material handling, mining, transportation, oil and gas, and waste management.

Our cutting edge technology is supported by highly trained and experienced machinists, as well as an expert in-house design and engineering team. Working alongside your product and development teams, we can build an understanding of key areas of performance and how these can be significantly improved through the development of technology.

With full in-house analytical capability, we can provide 3D modelling, finite element analysis, mathematical CAD and CAM utilising GibbsCAM software, and stress and fatigue life predictions. In addition, we specialise in mechanical product design and analysis, and product documentation - including part specifications and maintenance specifications.

From quality processing of specialist components to the design and production of a complete customised solution for your business, we can work with your team at a level of input that suits your supply chain.

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Specialist tube bending

The Hanjie HC-380R2 is a high-tech CNC rotary draw tube bender, utilising complex and sophisticated tooling. With cutting edge technology, the machine has the capability to deliver a range of bending solutions - from large scale production to 4-axis CNC bending. The machine is also ideal for both bending and straightening. The HC-380R2 is ideal for bending tubes and hollow square sections for a range of applications and sectors.

Our highly trained team is also able to process multiple bends and differing planes, and implement several bends with high tack of repeatability. With an advanced operating system, the HC-380R2 offers the flexibility for difficult tube specifications. The geometric precision of the process prevents wrinkles and ovalisation, ensuring a smooth finish. The tooling can also be reconfigured to meet specific product requirements.

Machining services

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We were the first manufacturer in New Zealand to achieve the stringest John Deere JDS-G223 quality standard, which champions customer service, design, quality, cost and on-time delivery. We have also achieved key supplier status in John Deere Achieving Excellence Programme, as part of our decade-long partnership with Waratah.

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With a proud health and safety record, we have also achieved AS/NZS 4801 and BS OHSAS 18001 for the management of occupational health and safety for the design, manufacture and supply of hydraulic cylinders.

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