

# Capability Statement

11 Jun 2020

## LARZEP AUSTRALIA PTY. LTD.



### INDUSTRIES SERVED

AUTOMOTIVE

CONSTRUCTION &  
ENGINEERING

DEFENCE

MINING

OIL, GAS & ENERGY

RAIL

TRANSPORT

## Company Details

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**ICN Gateway Company ID:** 142968

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**Locations:** 3

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## Contacts

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Larzep manufactures high pressure (700bar/10,000 psi) hydraulic equipment including hydraulic cylinders, pumps, automotive equipment, torque wrenches, heavy vehicle jacks and 4:1 safety factor thermoplastic hydraulic hose assemblies. Our huge range of products service various industries such as mining, construction, rail, civil engineering, oil and gas, and the automotive industry. Larzep Australia is a wholly owned Australian Company with three locations across Australia offering high quality, hydraulic equipment at affordable prices. We also offer bespoke hydraulic cylinders, pumps, tools and systems, short lead time and European quality product reliability.

## Summary

We offer specific solutions for each customer, with the best design and manufacturing techniques. We test each product to guarantee reliability and every item is engraved with a serial number for traceability. While many other manufacturers have moved production to lower cost

countries, Larzep are proud to still manufacture in Europe and produce products of the highest quality. All Larzep products are manufactured in accordance with the requirements of the ISO 9001:2008 quality standard.

## Description

### HYDRAULIC CYLINDERS AND PUMPS

We have a full range of cylinders manufactured to the highest standard including:

- . Designed with a safety factor of 1.5.
- . High absorption of side load forces.
- . Largest range of Aluminium cylinders in the world.
- . 4tn to 1100tn as standard, custom builds available for any requirement.
- . Complies with ASME-B30.1.
- . Battery operated.
- . Split flow or PLC controlled available.

Larzep has a large range of pumps and benefits, these include:

- . 700bar Hydraulic Hand pumps 0.24 to 7.5L tanks.

- . New Aluminium Hand pumps up to 1800bar.
- . Electric pumps with tanks of 2L -100L as standard.
- . Petrol pumps in 10, 20 and 50L perfect for isolated environments.
- . Air over hydraulic pumps, lightweight, quiet and portable.
- . Custom build options always available.

### HYDRAULIC TOOLS

Larzep offers a range of hydraulic tooling which complements our range of hydraulic cylinders.

- . Wide range of hydraulic torque wrenches and pumps including low profile and square drive models.
- . Market leading spread cylinders (up to 15tn capacity).
- . Chain cutters, cable cutters and nut splitters available with

built  
in pumps if required to be used in hard to access places.

#### AUTOMOTIVE EQUIPMENT

Larzep is proud to offer a range of Automotive equipment that includes:

- . World's largest range of heavy vehicle jacks.
- . Market leading 'Mammut' range of mining vehicle jacks.
- . Bench mounted, floor standing or roll frame presses available.

#### SPECIAL BUILDS

Larzep designs and manufactures high pressure hydraulic equipment for the movement of heavy loads. We produce hydraulic cylinders up to 2,000 Tn lifting capacity. For uneven or complicated lifts we can offer PLC controlled synchronous lifting systems, or split flow systems, for a precise control of the load.

Over 40% of our sales globally are for special builds which we are able to design and manufacture in record beating times. Our biggest advantage against our competition is our flexibility and quick delivery time. We have provided special builds around the world for a variety of applications and industries.

#### HIRE EQUIPMENT

Larzep Australia also has a range of hydraulic equipment available for hire including cylinders, pumps and torque wrenches.

#### SERVICE & REPAIRS

Larzep Australia carries spares for all products we supply and also have repair facilities at our offices in both Melbourne and Perth. We are proud to have an excellent

distributor network and repair centres around the country which can assist with servicing and repairing our products wherever required. Larzep and our distributors are also capable of providing on-site support including training, troubleshooting of systems and service / repair to minimize downtime.

#### PREVIOUS PROJECTS

##### 5600tn Dragline Lift

Larzep supplied 7 x 500tn, 22 x 100tn lifting cylinders, along with an electric power pack incorporating valving controlled electronically via a PLC. All of this was controlled by a laptop for maintenance on a Marion dragline, the largest lift of its kind in Australia.

##### Sydney Metro Northwest

Larzep supplied a hydraulic lifting system to Salini Impreglio (ISJV) to aid in the construction of a bridge for the Sydney Metro Northwest project. The scope of supply included 2 x 1100tn, 19 x 880tn, 11 x 670tn, 3 x 560tn and 1 x 350tn locknut cylinders, electric pumps and accessories. The total order was manufactured in less than 3 weeks.

##### Gorgon - Major jetty lift on Gorgon project - Barrow Island WA

Larzep designed a dual-purpose synchronous lift system, used to lift jetty into place and then pull sections together. Our cylinders were designed to work underwater in salt water. The system was supplied with soluble oil and non-drip couplings to protect sensitive environmental area.

##### Kiev Olympic Stadium

Larzep manufactured double acting hollow bore cylinders for the construction of the new roof of the Olympic Stadium in Kiev. 108 cylinders with 220-ton capacity.



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