

ACCURATE  
TO THE  
ULTIMATE



**PRECISION**  
components™

Since 1934, Precision Components has grown to become one of Australia's leading metal stamping and robotic sub-assembly specialists. While we have a strong focus on automotive component manufacturing – with clients including GM Holden, Toyota, Ford and Geely – we also produce complex parts for a range of other industries, such as construction and material handling.

Over the years, we have honed our expertise in manufacturing precision parts, from small progressive units to large, high-strength structural components and Class-A stampings including OE roof panels and related sub-assemblies.

Through our numerous critical supply contracts, Precision Components brings peace-of-mind to some of Australia's major automotive and OE manufacturers who rely on our uncompromising dedication to quality and assured production capability.

But that doesn't mean we just rely on past success. As a progressive business, we continually reinvest in the company to ensure impeccable safety for our staff, and quality for our customers. This ethos is reflected in a recent \$4 million upgrade in new warehouse and office facilities, as well as an international, joint-venture expansion into the world's most promising emerging market.

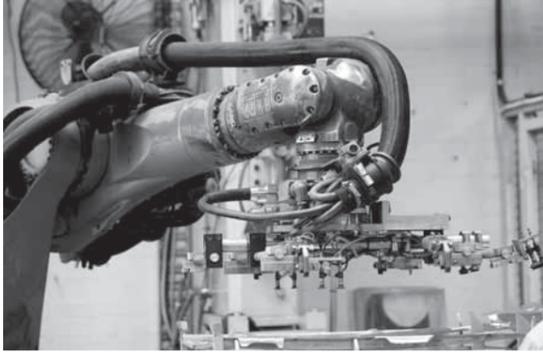
These are dynamic times for Precision Components – driven by a genuine desire to always exceed our clients' expectations.

**Mission:** The global development, manufacture and supply of specialised press metal, fabricated components and assemblies.

**Vision:** To be our customers' most valued and respected supplier.



LEADING  
THE WAY  
IN METAL  
STAMPING



## Robotics Operations

Precision Components utilises state-of-the-art robotic technology to ensure the highest levels of precision and consistency. In all our manufacturing processes we strive to combine efficiency, quality and exceptional customer care. Programmed automation is most commonly employed in the areas of MIG and spot welding, weld sealant and projection welding applications.

### MIG Welding Robotic Cells

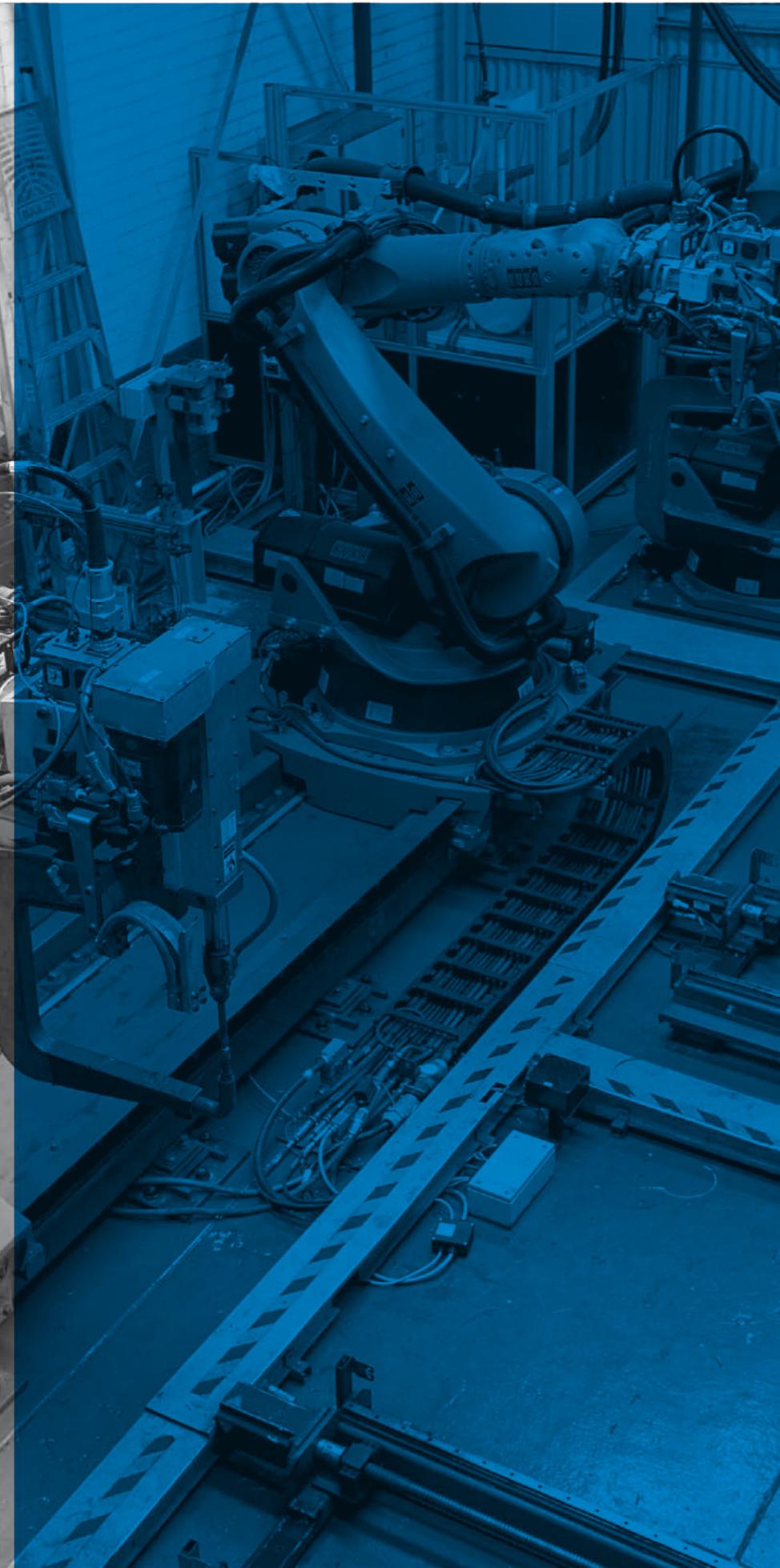
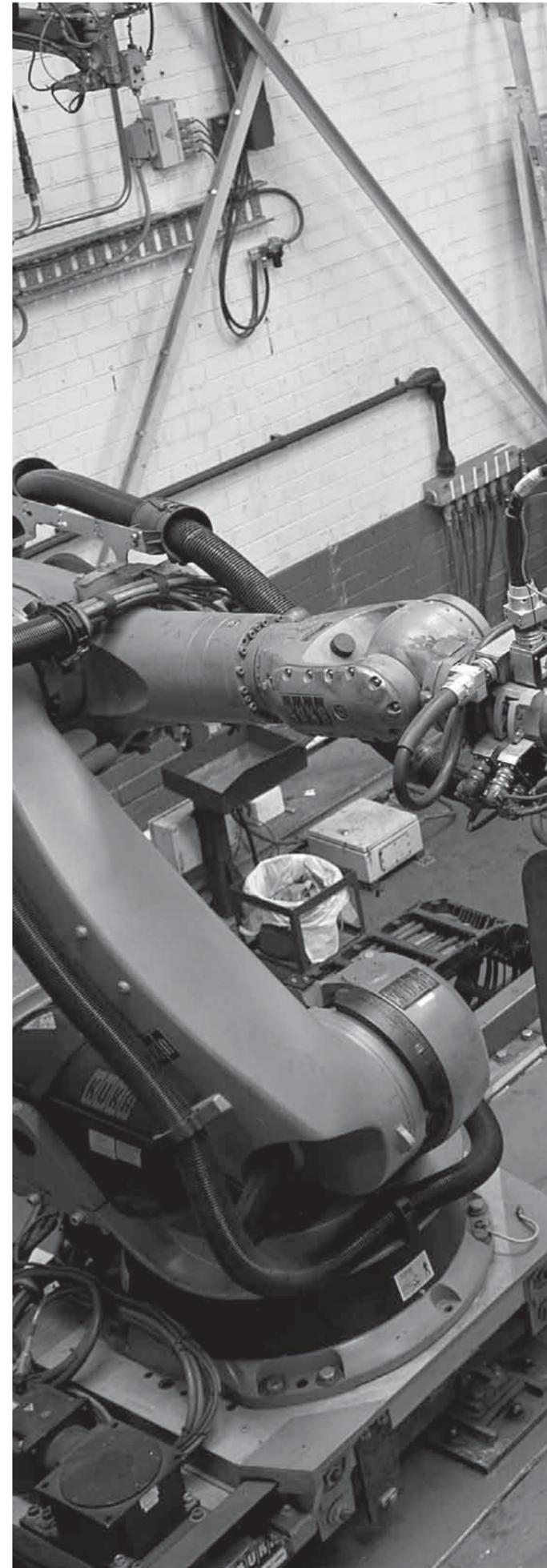
- 20 kg Fanuc with Lincoln MIG welding equipment and servo driven rotary fixture ends
- 2 x 15 kg Fanuc dual robot MIG welding cell and servo driven rotary fixture ends

### Spot Welding Robotic Cells

- 3 x spot welding Kuka robots  
Obara 500 kg C-Type servo weld guns  
Dual linear and rotating servo-driven fixture shuttles  
Automatic tip dressing and changing
- 1 x Spot Welding Robotic Cell  
Obara 500 kg C-Type servo weld guns  
Dual linear and rotating servo-driven fixture shuttles  
Automatic tip dressing and changing  
Automatic weld sealant and anti-flutter application  
Obara automatic stud and nut welding capabilities

### 35 Axis Robotic Assembly Cell

- 2 x 240kg Kuka Robots
- 2 x 150kg Kuka Robots
- 2 x Obara 500kg C-Type servo weld guns
- 1 x Obara 500kg X-Type servo weld gun
- 4 x servo-driven linear and rotating fixture shuttles
- 1 x 4m Kuka servo-driven linear track
- 2 x automatic tip dressing and changing
- 2 x Obara drawn arc stud welding stations
- Automatic weld sealant and anti-flutter application
- Robotic tool changing capability



# ULTRA FINE ENGINEERING

# THE ART OF GETTING IT RIGHT

## Press Capability

	Press Type	Tonnage	Bed Size (l x w)	Coil Capability
8 A Line - Robotic Automation	Double Action	1000-600	3656 x 2132 3200 x 1676	N/A
	Single Action	600	3656 x 2132	N/A
	Single Action	600	3656 x 2132	N/A
B Line	Double Action	450-550	2743 x 1829 2184 x 1244	N/A
	Single Action	550	2591 x 1524	N/A
	Single Action	550	2591 x 1524	N/A
	Single Action	450	3048 x 1524	N/A
A Line	Single Action	300	2700 x 1400	N/A
	Single Action	300	2200 x 1400	N/A
	Single Action	300	2100 x 1350	700
Small Press Shop	Single Action	800	2438 x 1219	600
	Single Action	250	2700 x 900	600
	Single Action	160	1560 x 580	300
	Single Action	150	1520 x 1040	300
	Single Action	60	812 x 533	300
Hydraulic	Single Action	250	3150 x 1530	1300
	Hemming	150	2300 x 2000	N/A
	Hemming	150	2300 x 2000	N/A

## Stamping Operations

Precision Components currently manufactures the most diverse range of products in the Australian supplier base thanks to our process flexibility and wide variety of robotically automated, coil fed and manual press lines.

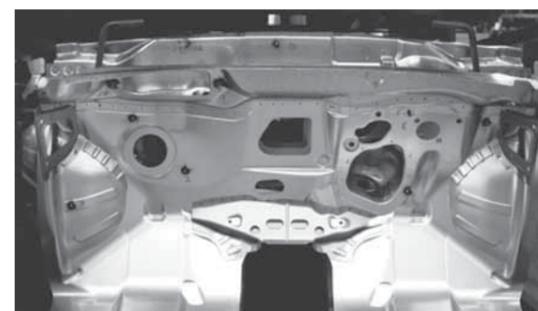
## Components Overview

Precision Components excels in creating intricate and technically difficult metal stampings; leading the industry in designing production processes that most effectively and efficiently meet the precise requirements of our customers.

## International growth

In 2011 Precision Components entered into a joint venture with one of the world's largest toolmakers, TQM. Utilising Precision's engineering intelligence in manufacturing the world's first clutch cylinder stampings, the joint venture will provide final clutch cylinder assemblies in a specially constructed factory in China's Hunan Province.

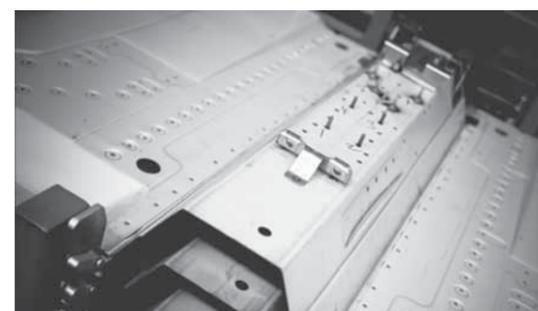
We will continue to keenly investigate new opportunities, relationships and joint ventures to ensure that Precision Components is always at the forefront of international advances and developments.



Holden Cruze Front Dash Assembly



DSIH 6 Speed Automatic Transmission Cylinders



Holden Cruze Centre Floor Assembly



VE Sunroof Assembly

Safety is our number one priority at all times. Precision Components is committed to providing a safe and healthy workplace for employees, hired staff, contractors and visitors.

**We do this by ensuring:**

- Legislative compliance is achieved under the South Australian Occupational Health Safety and Welfare Act 1986 and Regulations 1995
- Compliance with all relevant legislation, including the OHS & Welfare Act and supporting regulations
- The implementation of a best-practice OHS management system, and the plans, policies, procedures and programs necessary to support and implement this policy
- Adherence to strict environmental sustainability principles

**Quality:**

To ensure that every product we deliver is of the highest standard achievable, we recognise that the development of our staff is crucial to our reputation as a manufacturer of excellence. Therefore, we invest heavily in training and skills development across our entire workforce.

Precision Components is:

- TS 16949 Accredited
- ISO 14001 Accredited



Accurate  
to the Ultimate

