# COMPANY PROFILE





Profile Cutting Systems (PCS) was established in 1989 by three highly experienced electronic and mechanical technicians, with a combined total of 100 years expertise in manufacture, service and use of gas cutting, plasma cutting and drilling machines. The company has since developed into a leading manufacturer of profile cutting machines. The 500+ PCS machines can be found on every highly populated continent excluding South America. The PCS research and development team is continually designing and developing new and innovative solutions such as the patented PCS Plasma Bevel Head, PCS Automatic Plate Feed, PCS Turbogas and now the PCS BHB series with a 60HP Single Spindle Drill and a 24 tool Automatic Tool Changer.

# WHY CHOOSE PROFILE CUTTING SYSTEMS?

Our mission is to exceed our clients' expectations in providing the highest quality service and technical support in addition to manufacturing the highest quality and innovative products. Our mission combined with our values and history equates too reduced overheads and reduced stress from our clients. Consequently our clients are able to place greater focus towards working on building their business, in contrast to working in their business.

# **OUR VALUES**

## Adaptability

Designing our solutions not only to utilize today's cutting edge technology, but to be easily retrofitted with future technology

#### Assurance

Ensuring that any new technologies are thoroughly tested and refined before being released to the public.

#### Conservative

Placing emphasis on our balance sheet and reducing risk in contrast to short term profits.

#### **Flexibility**

Being flexible in regards to our customers' requirements whether they relate to machine design, administration, servicing and spare parts.

#### Integrity

Staying true to our word, quotations and advertisements without any hidden costs.

#### Longevity

Utilizing only ultra refined quality products, methods and services to achieve equipment life spans achieve by very few solution providers.

#### Reliability

Ensuring that our clients receive immediate support in order to maintain negligible machine downtime.

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MACHINERY

# THINGS TO LOOK OUT FOR

### Good quality, Durable Rack, Rail and Pinions?

Many cheaper machines utilize smaller or less durable components which work great at first; however these machines are destined to suffer premature wear. Any mechanical backlash or abnormality will guarantee poor quality cutting while cornering at several meters per minute. Furthermore premature wear will result in excessive stress on other components such as motors, belts and drive amplifiers. In many cases the price difference between a cheap and quality machine is quickly eroded by the loss of clients seeking better quality cutting; and excessive maintenance callouts

## Dealing with High-Frequency Electrical Interference?

The plasma cutting process produces extreme levels of high-frequency electrical interference. PCS's extensive two decades of plasma experience and close relationships with component manufacturers has resulted in premeditated methods to screen, protect and select electrical components. Even the slightest penetration of high-frequency electrical interference can lead too difficult to detect intermittent errors which reduce the cutting quality and productivity.

#### **Installation Charges?**

PCS provides installation included with any PCS quotation. Installation costs can equate to thousands of dollars. Many imported machines require installation by a third party where by any abnormality in the installation process will ultimately be charged to the end user.

## **Engineering and Test Capability?**

PCS employ only the very best personnel. In particular staffs within the mechanical and electrical engineering departments are required to have exceptional qualifications while utilizing cutting edge computer engineering packages. In the design stage, all of the PCS machine models are rigorously tested and calculated through advanced computer modeling. This stage permits both major and fine mechanical adjustments that result in increased longevity achieved by very few manufacturers. Once an unparalleled result is achieved a prototype is produced and put through the harshest of tests, and amendments are made. The final result is a benchmarked machine model that can operate exactly as stated in our quotations with no hidden surprises.

#### **Local Support?**

When buying from PCS you are dealing directly with the manufacturer who cannot hide from Australian laws behind international barriers. PCS stocks an immense array of spare parts and consumables to ensure that machine downtime is kept to a minimum should a breakdown or natural disaster occurs. Equally important, PCS directly provides exceptional knowledge and advice. How much confidence regarding application and technical knowledge can be placed with a cheap machine importer? What down time can you expect for any breakdowns and how will this affect your corporate image? Can you trust the machine manufacturer to provide spare parts for years to come?

# We offer more than just manufacture cutting-edge, world-class machines.



**Machine Refurbishment/Retro-fitment Solutions** 







**CNC Plasma & Gas Cutting Solutions** 









Specialist providers of Spare Parts for various makes

Advanced Consumables

Specialist providers and distributors of Plasma and Oxy Consumables

CNC High Speed Drilling Solutions
Fully custom requests
Plasma & Oxy Beveling Solutions
Pipe Cutting Solutions

Portable & Handheld Cutting Solutions
Preventative Maintenance & Servicing Solutions
Custom Software Solutions

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