



# **HARGRAM**

ENGINEERING



**LEADER IN PRECISION MACHINING**

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## HARGRAM IS ONE OF THE LEADING PRECISION MACHINING SPECIALISTS IN SOUTH AFRICA

Started in 1951 by the partners Hargreaves and Amm, the company has remained 100% family owned until it was bought by the IPI Group in May 2013.

Together, our management team has more than 150 years of experience in high volume precision production engineering, covering the aspects of product design, metallurgy, quality control and meeting delivery deadlines, and the sales & marketing of our services throughout South Africa and the world.

Staff turnover is low, and productivity high. Many staff members have long service achievements, some in excess of twenty years. All receive training appropriate to their functions in the company.

## THE FACTORY



### A MODERN, WELL EQUIPPED MACHINE SHOP GIVES HARGRAM THE VERSATILITY TO HANDLE A VERY WIDE RANGE OF MACHINING OPERATIONS.

Hargram has a heavy investment in both skilled personnel and plant, including multi-spindle machines for high volume production, and modern CNC machines.

A planned maintenance and renewal programme keeps the machinery running efficiently and the plant up to date with modern techniques and equipment. Particular emphasis is placed on gauging and measuring equipment.

### UNCOMPROMISINGLY HIGH QUALITY STANDARDS DISTINGUISH HARGRAM.

The company recognises that there is no substitute for top quality and every department and process is constituted to ensure that only the highest quality standards are applied. Modern methods and state of the art gauging and testing equipment are used extensively at every stage of process.

A computerised statistical process control system is in operation and used to monitor every production step when required. This ensures improved quality and productivity, efficient machining procedures and reduced reject rate.

### METICULOUS PLANNING ENABLES THE COMPANY TO SET REALISTIC DELIVERY DATES AND MEET THEM.

Organisation and planning are important disciplines at Hargram. Every job is planned in detail and built into the overall production schedule. This enables the company to set realistic delivery dates and, by constant monitoring, achieve them.





**PRODUCTION CAPABILITIES**

- Biggest number of Wickman machines (Multi Spindle Turning)
- CNC Turning & Milling
- Design assistance for Customers
  - Auto Cad

**QUALITY CONTROL**

On site Control and specific controls at clients request

**PRODUCTS**

From the first steel hip joint made in South Africa to the most sophisticated components for medical valves and temperature gauges, Hargram is able to produce a large variety of products made to client specifications.

**PROVIDING A VITAL SERVICE TO INDUSTRY**

Components -often of an intricate nature- requiring fine finishes, are supplied by Hargram to some of the country's most important business sectors. Many of these components are vital functional parts which are required to be of guaranteed reliability. Long and short runs over a wide spectrum of sizes and using many different materials are in progress at any given time.



**HARGRAM IS PRESENT IN THE FOLLOWING SECTORS :**



Mining and associated activities



Automotive industry (Faurecia, Bosch)



Hydraulics (Hydraulic components)



Construction, Chemicals, Industrial Gases and safety equipment



## OUR PHILOSOPHY



### THE JOB MUST BE RIGHT

Our quality control and process control procedures are based on equivalent international standards. Our personnel are qualified, trained and experienced. Their motivation is: "Get it right - first time!"



### DELIVERING ON TIME

Careful planning enables us to commit ourselves to realistic delivery dates and meet them... Every time!



### GIVING VALUE FOR MONEY

Given the excellence of our quality, our investment in state-of-the-art machinery and inspection equipment, our customers enjoy real value for high quality precision engineering.



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## HARGRAM ENGINEERING

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