

# hyper components



**COMPRESSOR PRODUCTS**  
International

an EnPro Industries company

DEPENDABLE  
QUALITY  
EXPERIENCED  
EXPERTISE

# hyper components

At CPI we recognize that the hyper compressors used in the LDPE (low-density polyethylene) industry are very highly evolved and specialized machines, as are the engineers that operate and maintain them.

CPI is responsive to the needs of this very specialized area of operation, having experience in the design and manufacture of these specialist products to a very high standard of quality, precision and material specification.

## quality manufacturing

CPI's manufacturing process has total control of components and materials, together with the CPI global network of strategic facilities and service centers, provides compressor operators with a responsive and effective supply of new and reconditioned components; when it matters, where it matters, worldwide.

hyper  
components

packings

plungers

guidebushes

poppets

rings

cups



# hypercomponents

Our extensive involvement with reciprocating compressors worldwide, has resulted in users achieving extended maintenance cycles, reduction of costs and all round improved efficiency with the introduction of CPI special materials and designs for a number of applications around the world.

In conjunction with users, we have been involved in the successful development and installation of specialized designs for many specific applications using our renowned technical knowledge and our comprehensive in-house computer aided design facilities.

CPI is also able to offer the option of manufacturing parts using customers' own unique designs and specific materials.

## hyper components quality assurance

CPI operates a quality assurance system throughout all of its manufacturing plants which conforms with ISO9001. This discipline is rigorously applied to all hyper products recognizing the critical task which they must perform in service.

To achieve this high standard of quality, CPI undertakes certain minimum procedures for all hyper products, including:

- > Careful selection of raw materials, with supplier audits
- > Chemical and mechanical certification of all raw material with full traceability
- > Ultrasonic inspection of all raw materials for any internal defects
- > Appropriate heat treatments and stress relieving to achieve specified tensile strength range and freedom from residual stresses
- > Precise finish lapping to size and surface finish tolerances
- > Magnetic particle inspection of the finished surfaces, where applicable
- > Surface hardness and 100% finish inspection
- > Full inspection report including documentary certification for all heat treatments and N.D.T. inspections.



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CPI is responsive to the ever changing needs of an industry that is focused on compressor availability, optimum performance and profitability. With such depth and diversity CPI is at the forefront of manufacture and supply of critical components for compressors. The CPI name is renowned for pioneering materials technology, and supports operators with proven problem-solving solutions.

CPI's strategic global network for the manufacture and distribution of quality, precision engineered components and for support services, provides operators with compressor components that will deliver efficient, reliable, performance that they can depend on.

Further information about CPI's specialized products, general product range and services can be accessed via our website at [www.c-p-i.com](http://www.c-p-i.com)



## COMPRESSOR PRODUCTS International

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