

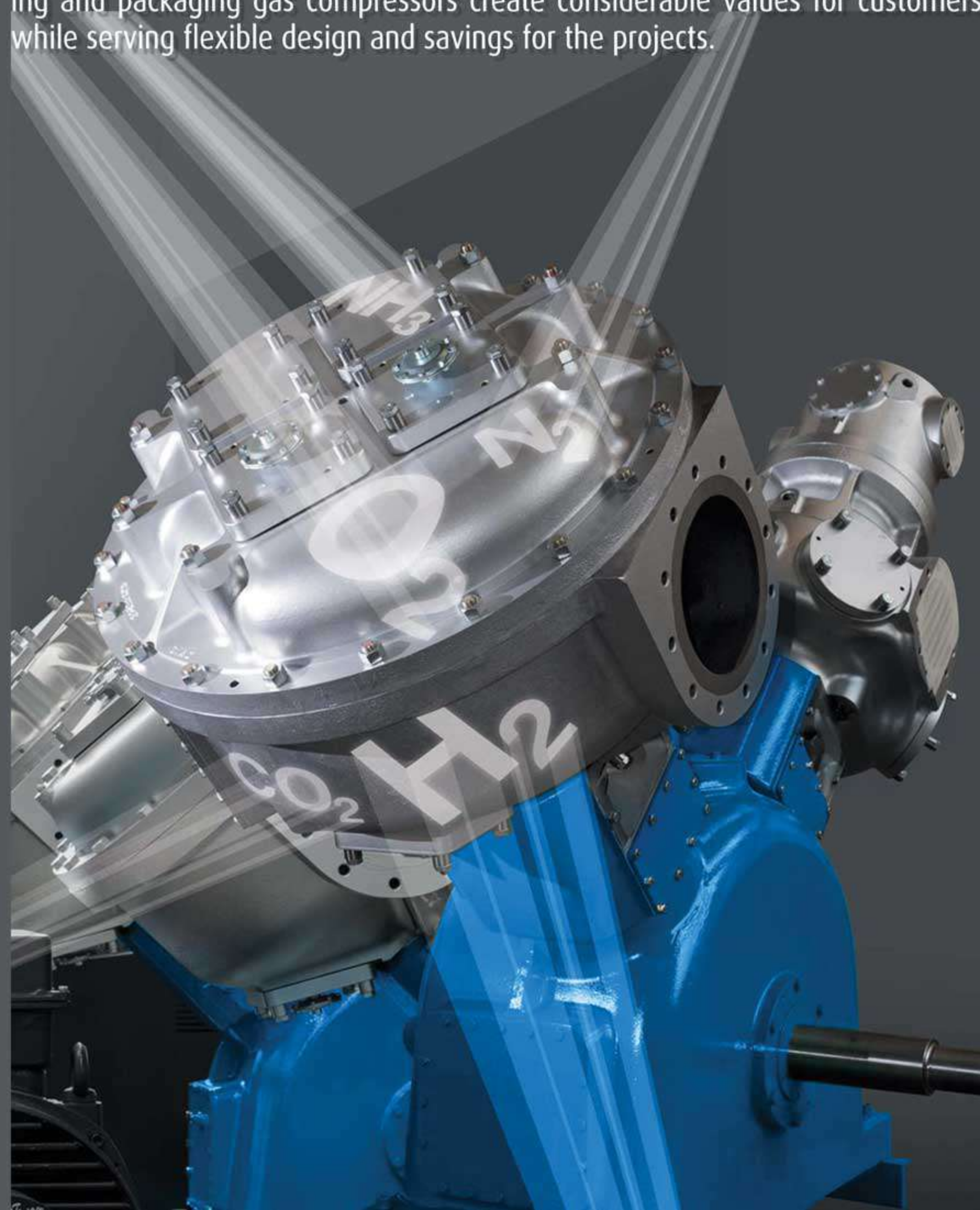
Process Gas Reciprocating Compressors



Process Gas Reciprocating Compressors

HATCO process gas reciprocating compressors with high performance meet requirements of all industries mainly Oil, Gas, Petrochemical projects.

HATCO comprehensive experience and background in engineering, manufacturing and packaging gas compressors create considerable values for customers while serving flexible design and savings for the projects.



Welcome to HATCO!

HATCO is a company specialized in the planning, engineering, design and realization of turnkey, customized solutions for the air and gas compression and separation plants including all exclusive project's services. Since founded in 1997, HATCO brand stands for quality and reliability, but also for innovation and orientation to the future.

Thousands of compression packages operating across the country prove our reliability of products for special environments and heavy duty industries and air separation plants. Our aim is to promote a constant improvement about products and We do manufacturing, developing and enhancing, at the same time, the quality of life.

Our wealth of knowledge combined with the continuous dedication to research and experimentation allows us to constantly improve our products and develop innovative and tailor made solutions.

HATCO as a leading manufacturer and packager of compressor equipment in Iran is registered in the Approved Vendor List (AVL) of Iran Oil Ministry for process gas reciprocating compressors.



Application of process gas reciprocating compressors could be included but not limited to:

Natural Gas Handling Compressors

- Gas Well Depletion
- Pipeline Gas
- Cogeneration Gas Booster
- Feed Gas for Processes
- Bio-Gas Recovery
- Liquefied Gas Transfer
- CNG Vehicle Fueling
- Flare Gas Recovery

Gas Separation Compressors

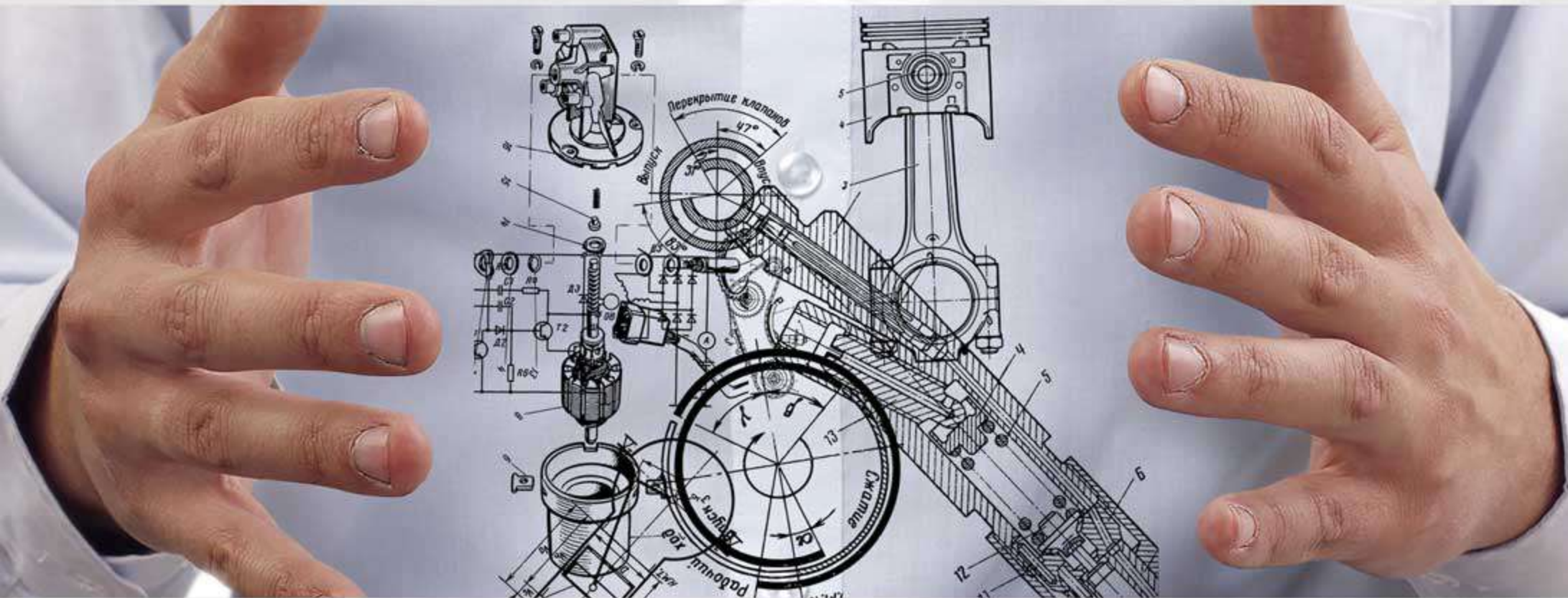
- Feed Air for Gas Separation
- Industrial Oxygen
- Industrial Nitrogen

Process Compressors

- Dry Ice Vapor Recovery
- High Pressure Gas Storage
- Hydrogen Processes for Food and Chemical Processing
- Refinery Gas Feed Stock and Vapor Recovery.
- Nitrogen Purge Compressors

Air Booster Compressors

- Oil Free Plant Air
- PET Bottle Blow Molding
- Seismic Air
- Sewage Treatment
- High Pressure Process Air

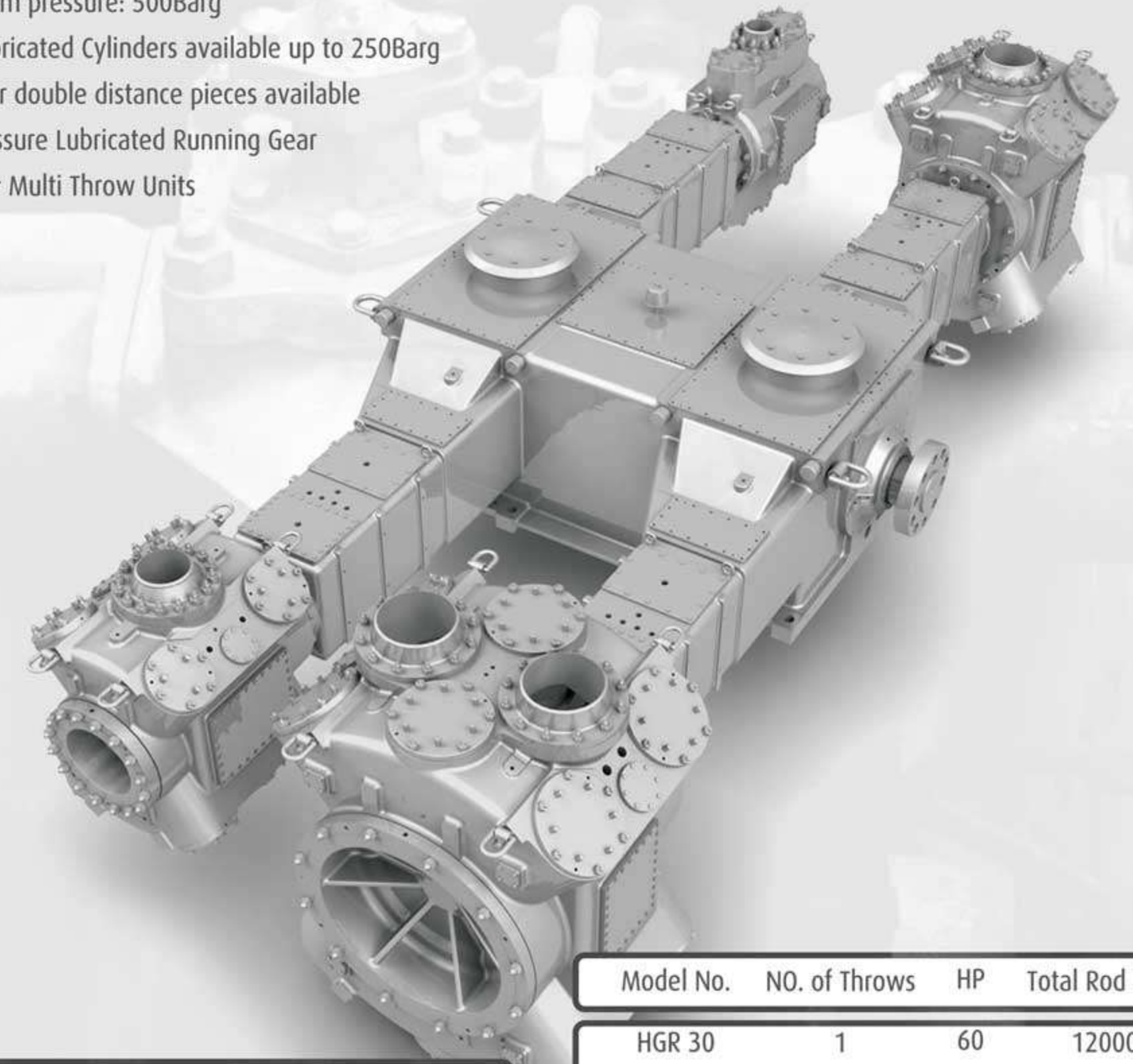


Technical Features of HATCO Process Gas Reciprocating Compressor Packages,

- Complying with range of API, DIN, ISO, ASME, IEC standards
- Customizing to purchaser requirement and specifications
- Explosion proof safety (suitable for Natural Gas, Petroleum, Chemical industry etc.)
- Vibration free operation through the horizontally opposed, balanced design.
- Proven simple design for reliable operation and easy service.
- Oil free cylinder availability where purity of the gas must be maintained. These may offer savings compared to lubricators, discharge gas filters, and purchasing and disposing of lubricants.
- Efficient and economical because each compressor is sized and designed to suit each application, without compromise.
- Lower maintenance costs because of the simple design of the compressor and compressor packages. Many applications do not require water or cylinder lubrication systems.
- Highly automated control system of package
- Diverse gas application (Inflammable, explosive, toxic, sour, corrosive, etc.)
- Complete engineering for packaging by HATCO team

Application Range of HATCO Process Gas Reciprocating Compressors, API 618

- Maximum pressure: 500Barg
- Non Lubricated Cylinders available up to 250Barg
- Single or double distance pieces available
- Full Pressure Lubricated Running Gear
- Single & Multi Throw Units



Model No.	NO. of Throws	HP	Total Rod Load
HGR 30	1	60	12000
HGR 60	1	60	12000
HGR 65	1	75	12000
HGR 75	1	75	18000
HGR 90	1	90	18000
HGR 100	1	100	18000

Model No.	NO. of Throws	HP	Total Rod Load
HGR 120	2	160	12000
HGR 145	2	160	12000
HGR 200	2	200	18000
HGR 220	2	200	18000
HGR 245	2	200	18000
HGR 2230	2	250	20000
HGR 2235	2	250	20000
HGR 2245	2	250	20000
HGR 3230	2	300	30000
HGR 3245	2	300	30000
HGR 4230	2	500	40000
HGR 4245	2	500	40000
HGR 6230	2	800	60000
HGR 6245	2	800	60000

Model No.	NO. of Throws	HP	Total Rod Load
HGR 120	4	500	20000
HGR 145	4	500	20000
HGR 200	4	500	20000
HGR 220	4	600	30000
HGR 245	4	600	30000
HGR 2230	4	1000	40000
HGR 2235	4	1000	40000
HGR 2245	4	1600	60000

Sales engineering solutions:

From small point of use plants to large, custom engineered compressed air for the most demanding industrial applications, let's have our specialist assist in meeting your requirements.

We have the capabilities to customize products for even the most unique applications. Our engineering staff will assist in the custom design, engineering and build of your compressed air equipment to fit your applications to exact specifications for superior performance and energy savings.

Customization options;

- Hazardous area classification
- Special metallurgy for components
- Customized Coolers and Fans
- Weather protection
- Global Standards compliances (e.g. API Codes)



Services:

Our Commitment:

Our mission is simple; to flourish by helping our customers to achieve their business goals. HATCO has been building custom air compression and separation plants for many years. We take pride in our work and make every effort to meet and exceed the customers' expectations. In global vision and as a domestic market's leader, our aim is to impress with the quality and professionalism of our own duty. We are here to make complexity become simplicity.

Project Services:

HATCO provides various kinds of services from technical assistance to site after sales services to satisfy customer's needs. We have dedicated engineers and technicians with extensive experience and expertise for each service.

After Sale Services:

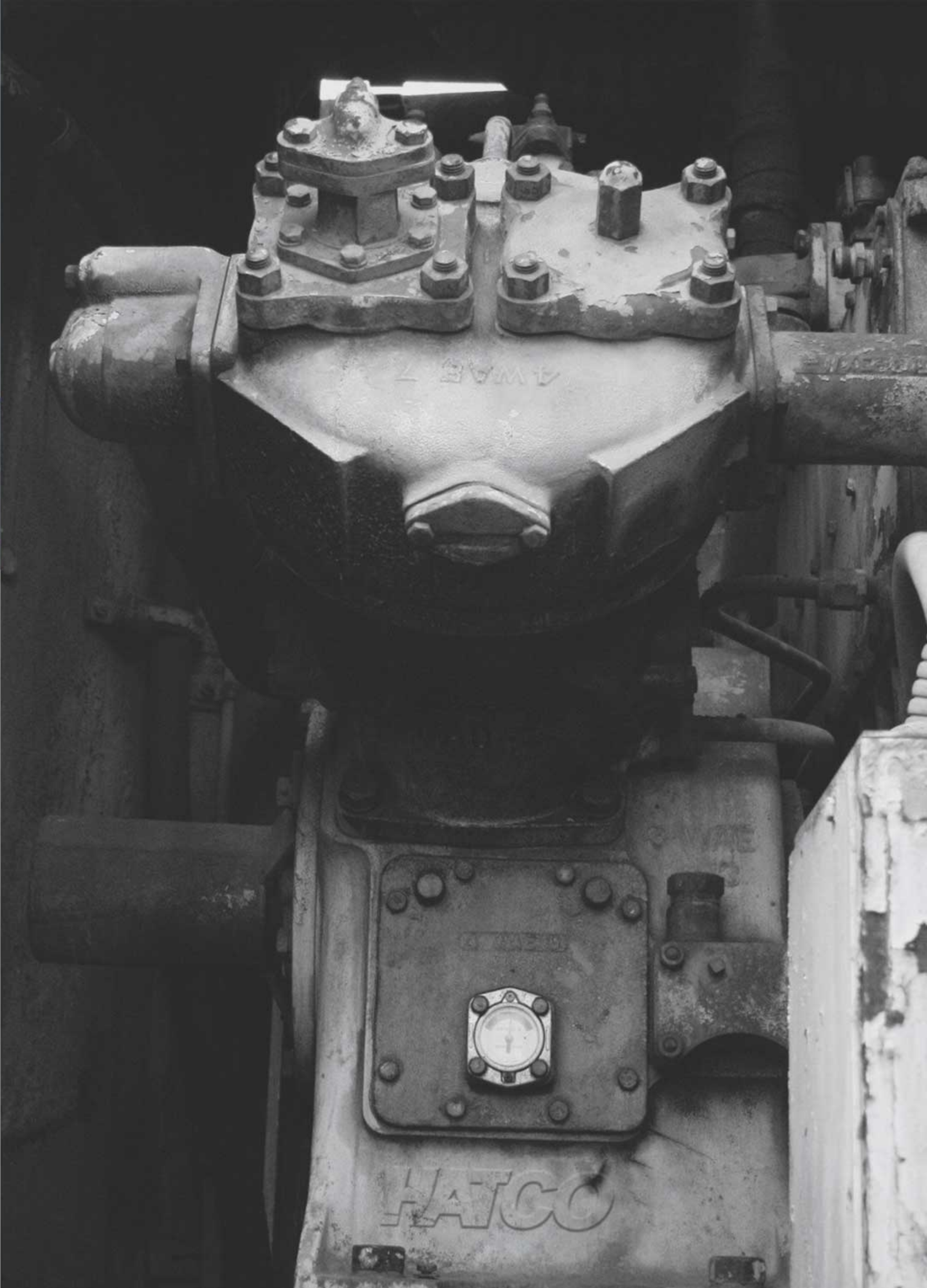
We have a special service organization for Punch Clear works that begins after equipment delivery at site for our own products and equipment supplied by other vendors as well. If needed, we can transport all equipment to our shop to correct the critical punch items (if any).

Major Services;

- Factory Acceptance Test
- Site Acceptance Test
- Punch Clear Services
- Commissioning Services
- Spare Parts
- Warranty Claim
- Customer Training



HATCO is "Where Complexity Becomes Simplicity."



HATCO

Compression & Separation

Building 114, Kajabadi St,
Africa Ave, Tehran, Iran
Postal Code:19669913175
Tel: +98 21 28 11 10 19
Fax:+98 21 22 66 41 16
info@hatco.ir
www.hatco.ir

