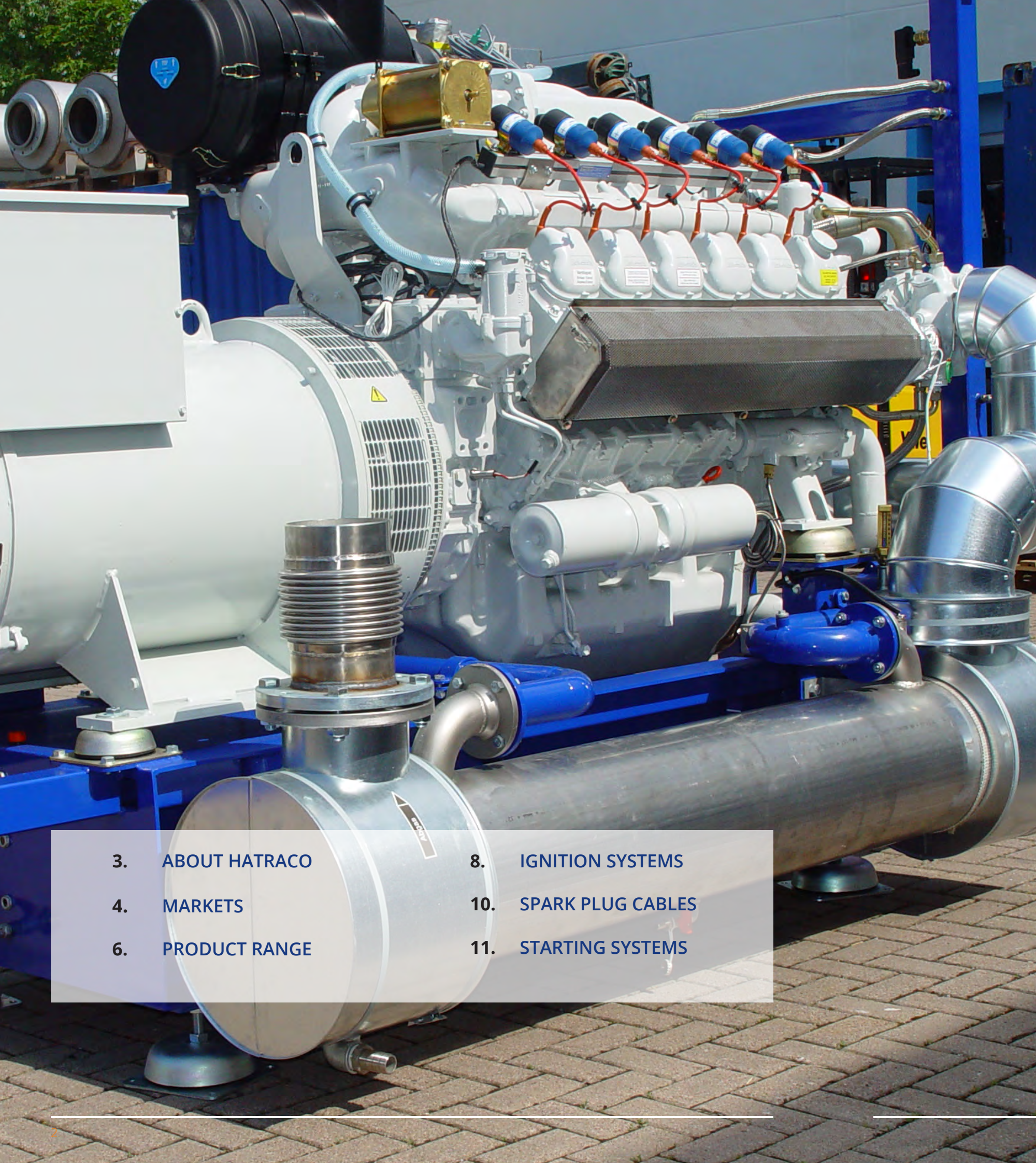


COMPANY INTRODUCTION





ABOUT HATRACO

Hatraco is worldwide supplier, manufacturer and distributor of customized industrial engine equipment.

Founded in 1984 by Co Hasselaar, Hatraco has since grown from an one-man trading company to a company of 38 employees with a global network of offices, dealers and agents.

Hatraco provides solutions for stationary gas and diesel engines (*including gas turbines*) for the industry, marine, oil & gas and power generation in all sorts of applications.

With our: In-house engineering
In-house production
In-house service

we guarantee any project to be in the best hands, as we provide the best solutions. Furthermore, with an extensive network of international offices, dealers and agents world-wide, we can ensure fast service in your own language and availability of our high quality products.

Philosophy & Values

Our mission

To improve (industrial) engine performance and contribute to machine reliability.

The manner in which we strive to fulfill our mission is by upholding our core values:

- **Be a partner to our customers**
Taking an individual approach towards customers in order to better understand their needs, provide the best solutions and build lasting relationships.
- **Be reliable**
Say what I do and do as I say. This is about honoring commitments on all levels, having transparent communication and always being clear and realistic with all parties involved.
- **Be knowledgeable & skillful**
By continuously nourishing knowledge and skills within the company we are able to keep delivering well-founded solutions.

In summary, Hatraco strives **to be and remain, a reliable and capable after-market partner regarding solutions for (industrial) engines.**

Commitment

A testament to our commitment to keep improving is being ISO-9001:2015 certified.



3. ABOUT HATRACO

4. MARKETS

6. PRODUCT RANGE

8. IGNITION SYSTEMS

10. SPARK PLUG CABLES

11. STARTING SYSTEMS

MARKETS

OIL & GAS

A field of opportunities

Solutions for:

- Reciprocating and rotary driven compressors
- Gas and Diesel driven gensets
- (Bio) gas engine driven CHP
- Diesel engine driven pumps

MARINE & OFFSHORE

A sea of opportunities

Solutions for:

- FPSO's
- Oiltankers
- Offshore platforms
- Roll-on / roll- off ships
- Containerships
- Dredgers
- Explorers
- Tugboats
- Workboats
- Life boats

INDUSTRY

A world of opportunities

Solutions for:

- Dump trucks
- Mining trucks
- Excavators
- Transport- agricultural vehicles
- Airport pushbacks
- Lawn movers
- Industrial furnaces
- Heaters
- Industrial ovens
- Ovens in general
- Grain dryers
- and many more

IGNITION SYSTEMS

Up to 20 cylinders
Individual cylinder energy



PRE-WIRED COIL RAILS

Hatraco product
Tailor made to customers specs



SPARK PLUG CABLES

Hatraco product
In-house design & manufacturing



SPARK PLUGS & IGNITERS

Largest program of industrial
spark plugs in europe
Original OEM versions for aftermarket



HARNESSES & RETROFITS

In-house engineering
In-house manufacturing



DETONATION DETECTION

Detection for up to 16 cylinders
Fully programmable

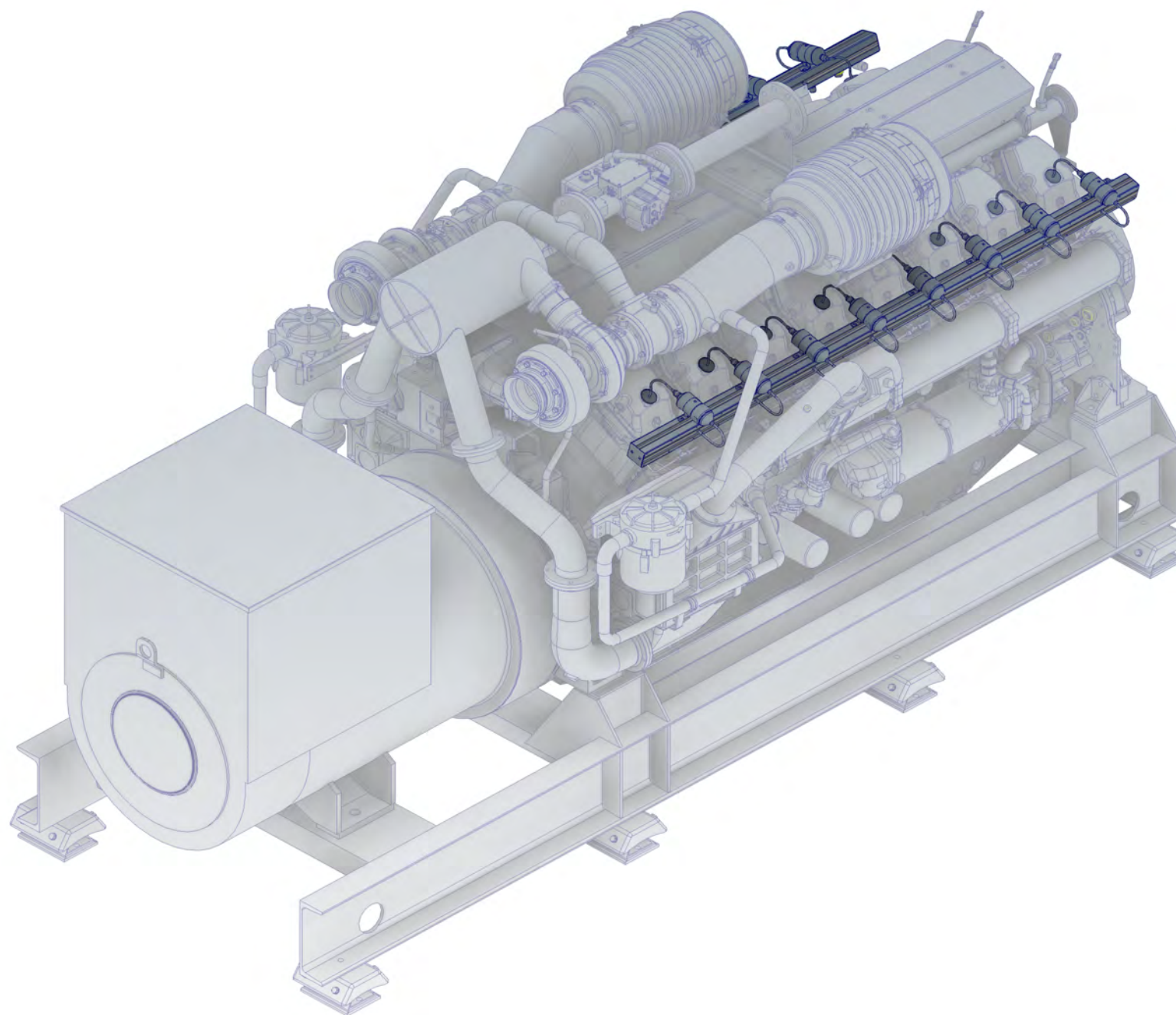


FUEL MANAGEMENT

Various engineering
Bi-fuel systems



PRODUCT RANGE



CONTROLS

Speed control
Temperature control



STARTING SYSTEMS

Air starting
Hydraulic starting
Spring starting



EMISSION

Diesel particulate filters
Catalytic converters
SCR-filters



FLUID CONTROL

Oil level control
Flow control



BUS & TRUCKS

Custom spark plug cables
Wiring harnesses
Charge cables



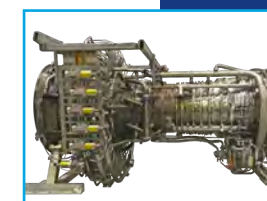
GAS COMPRESSION

Starting systems
Compression control
Ignition systems



GAS TURBINE

Turbine starters
Sprag clutch
Ignition cables



Hatraco ignition systems



- Custom made
- Also in small quantities
- Available for nearly any engine brand, model and configuration
- Every component can be ordered separately

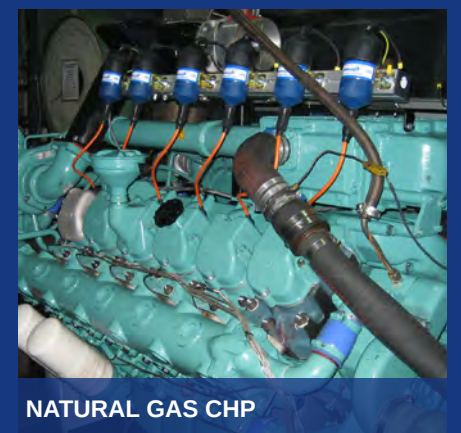
Application examples



BIOGAS CHP



GAS COMPRESSION ENGINES

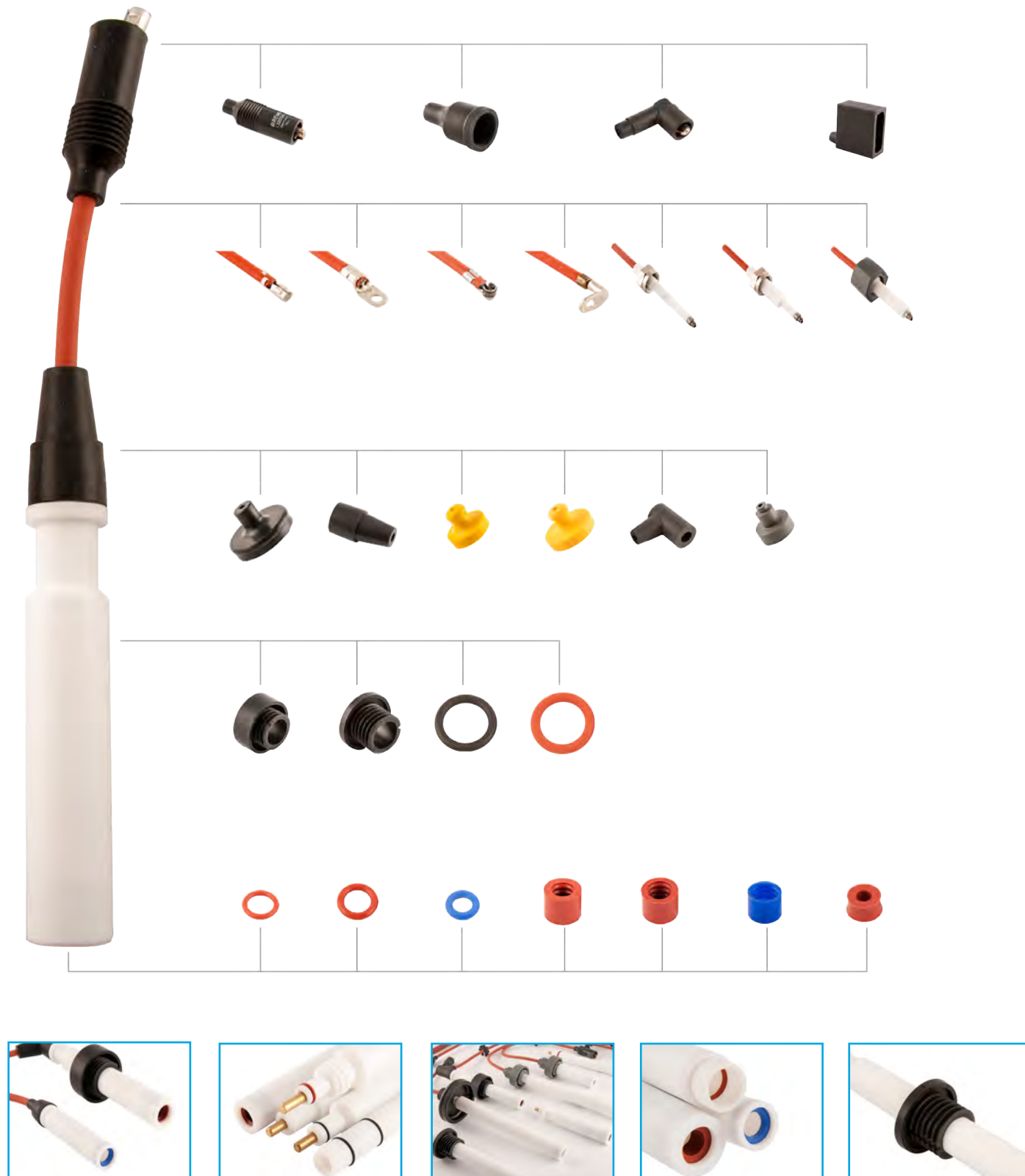


NATURAL GAS CHP

These are just a few examples out of 40+ years of experience providing solutions for industrial engines.

Hatraco spark plug cables

Hatraco ignition systems are manufactured for nearly any engine brand and model, for in-line and V engines. There are standard ranges for various engines available. Besides the standard ranges Hatraco's ignition system can be custom made according to specific wishes and applications, also for small quantities.



Starting systems

A variety of engine starters

Spring starters



Hatraco is the proud force behind the well-established, experienced and original spring starters brand, Kineteco.

Air starters



The most reliable air starters
on the market, from
TDI Tech Development.

Hydraulic starters



Built for higher speed and torque,
from Kocsis Hydraulics.

Hydraulic & Air starting systems

Hatraco offers fully custom starting systems for engines up to 100 litres, with start durations up to 90 seconds, for marine, offshore, oil and gas, mining and industry markets.



For a customized advice, please contact us through
our global network of offices, dealers or agents.

Hatraco head office

De Koppeling 3
6986 CS Angerlo
The Netherlands

Phone : +31 316 280191
E-mail : sales@hatraco.com
Internet : www.hatraco.com

Hatraco representatives

For contact information of your nearest Hatraco representative,
please check our website: www.hatraco.com



Official distributor for:

Altronic | Auburn | Bosch | Champion | Denso | ERS | Exline | GAC
Goetze | Heinzmann | Imes | Kenco | Kineteco | Kocsis | Stitt | TDI