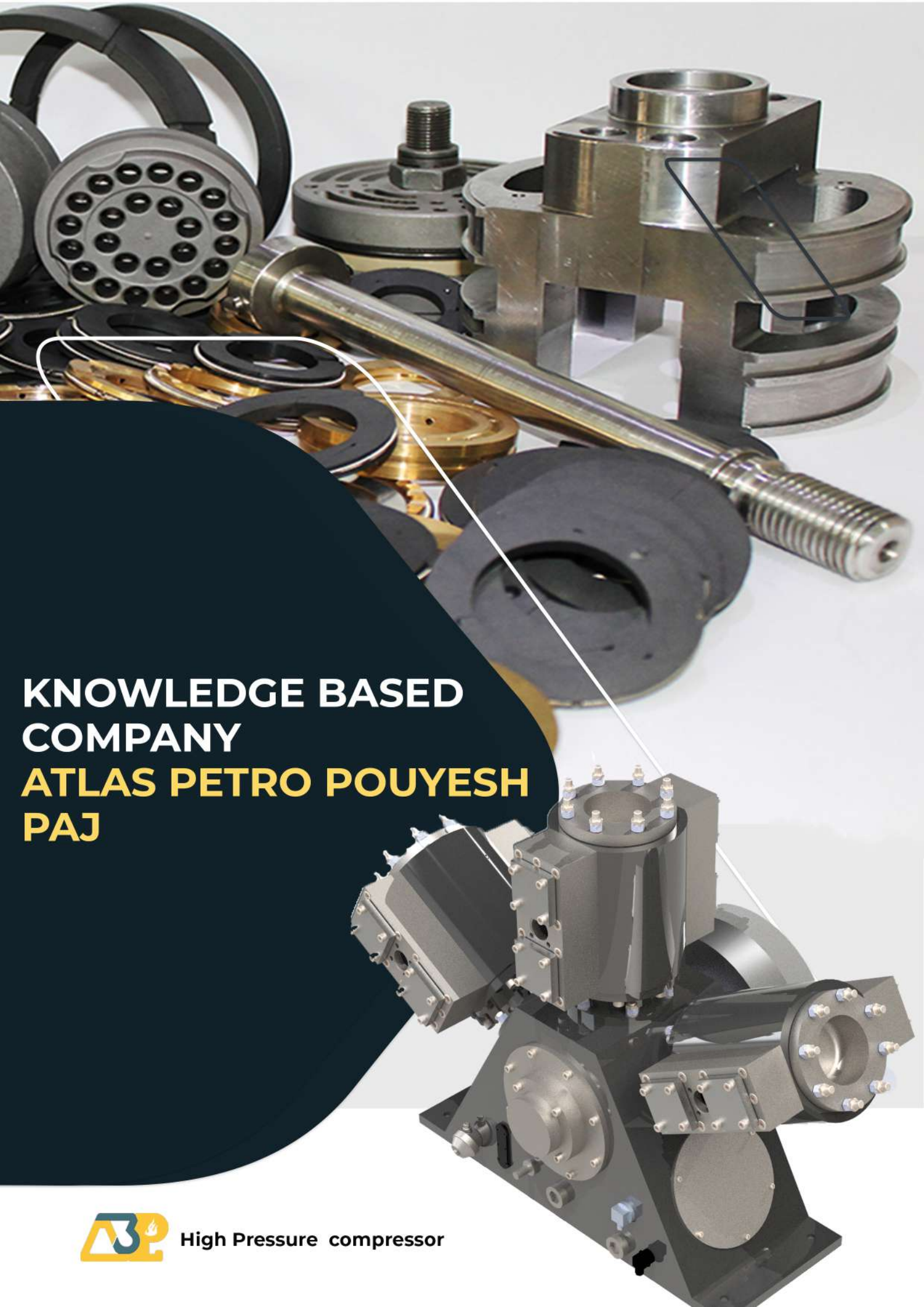




**KNOWLEDGE BASED
COMPANY
ATLAS PETRO POUYESH
PAJ**



High Pressure compressor



KNOWLEDGE BASED COMPANY
ATLAS PETRO Pouyesh Paj

- Inlet 40 bar
- outlet 250 bar
- 2 stage
- power 30 kw
- Capacity 320 m3/h



H40-200 HYDROCOMPRESSOR



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W-TYPE COMPRESSOR



Type of Gas Specification

- CNG
- Combined Gas
- H₂
- O₂
- CO₂

Type of Gas Specification

- inlet pressure 1-20 bar
- outlet pressure up to 300 bar
- Number of stage 1-6
- Motor power up to 700 kw
- Compliant with API618 standard

Used

- Petrochemical
- Refinery
- CNG Station
- Compression Industry



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H10-700

hydrocompressor



- Inlet 10 bar
- outlet 700 bar
- 6 stage
- power 200 kw
- Capacity up to 1000 m³/h
- H₂-O₂- naturalgas-air...



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HBA30 HYDROCOMPRESSOR



- Max ΔP PRESSURE 6 BAR
- Max Outlet PRESSURE 30 BAR
- LPG , AMMONIA, PROPYLENE...
- 20 % ENERGY SAVING
- MIN GAS TEMPERATURE -33 C°



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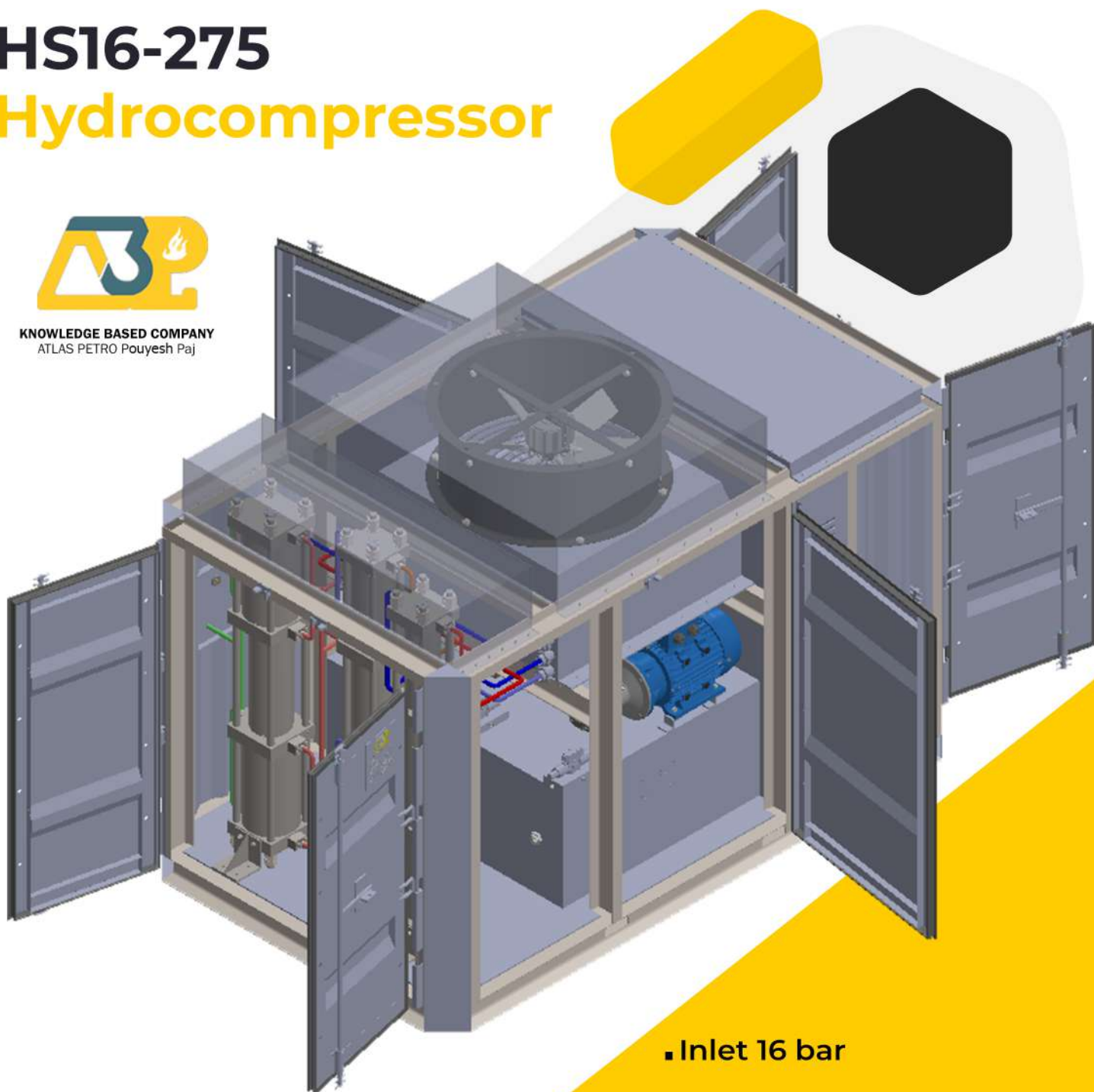
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HS16-275

Hydrocompressor



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- Inlet 16 bar
- Outlet 275 bar
- 4 stage
- Power up to 400 kw
- Capacity up to 4000 m³/h
- H₂ - O₂ - CNG - air...



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VALVE & VALVE PLATE



Production of compressor suction & discharge valves



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Production of stuffing boxes



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PISTON ROD



PRODUCTION OF PISTON ROD COMPRESSORS



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Water cooled air cooled heat exchanger



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Ring & packing

- Radial & tangential seal
- pressure breakers
- oil wiper



Material

- PTFE
- PEEK
- Bronze



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crankshaft

- singel crank
- Double crank
- Multi-crank



connecting rod

- casting production
- forge production



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.(UV/IR)&Gas&Heat Detector

.Detection of a candle flame 5 meters away.

.Heat source detection

.alarm output: for flame UV/IR, methane and
heat source.

.Power supply from 12 to 24VDC (+10% / -20%).

-Modbus communication via RS485



Flame , gas , heat detector



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Crosshead of all type of compressors



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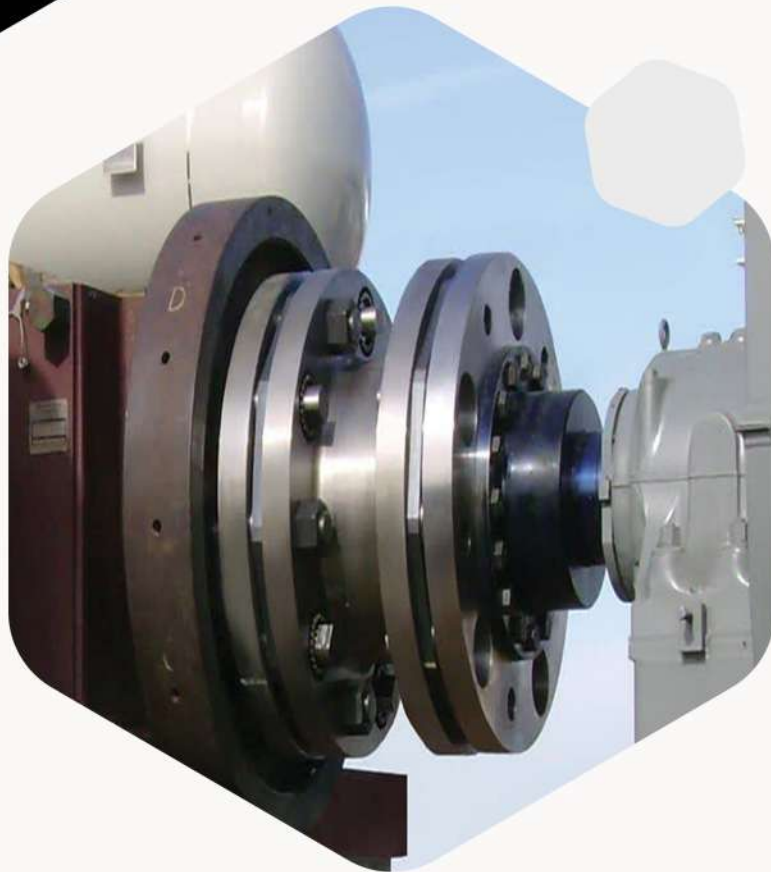
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COMPRESSOR COUPLING PART



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certificates



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High Pressure compressor

Company Profile

Our mission at A3P Compressors INC. is to provide the highest quality products and solutions for high pressure air and gas. We are committed to using the latest technology, best materials, most qualified human resources, and the most efficient fabrication.

Address:

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