

1. General presentation

TUNGS-STAR SRL is a 100% Romanian private company founded in 1994 with the main activity in the field of lighting.

Soon as there was a market request, the owners decided to start up the air compression activities on the Romanian market. In 1996 a new company named GANZROMAIR was founded which later sold to a multinational company.

In November 2015 the company comes back with a 13 year know-how to the early '95's establishing again the COMPRESSION DIVISION. As the other strong pillar, the compression division offers solutions beside the air compression also for natural gas, refinery gases and food industry. Located in the middle of Romania our aim is to serve our customers quickly and in a professional way.

Our product range includes a wide range of industrial compressors and compressed air treatment equipment, giving you the choice of your desired solution. Our product range was selected so as to contain several known manufacturers of Europe and America.

At this moment, we are the official representative of the following companies:

ABC
MATTEI,
COOK COMPRESSION,
GANZAIR,
SCHRACK,

Given the market requirements in Romania, and elsewhere, we are always looking for partnerships with other leading companies.

2. Compression division: COMPRESSORS – Products and services

2.1. Gas Compressors

Portable wellhead compressors skids

- For natural gas gathering and/or well restart
- Flow between 400 – 5.000 sm³/h
- Suction/discharge pressures: 0-40/11-40 barg
- Compressor type: reciprocating/piston or rotary vane
- Electric or Gas-engine



Piston and rotary vane process compressors

- Applications: Natural gas transport, pipeline evacuation, boosters, flare gas recovery, CNG (Compressed Natural Gas - 250 bar)
- Flow rate between 0 – 37.500 sm³/h
- Suction/discharge pressures: 0-250 barg
- Electric or Gas-engine
- Nominal power: 22-475 kW



Spare parts for gas compressors

- Original spare parts (OPM – Original Parts Manufacturer) for compressor units and assemblies (skids)
- Service kits
- Consumables



2.2. Spare parts and accessories for compressors

COOK valves for reciprocating compressors

- Optima™ Series Engineered Plate Compressor Valves
- Ring Damped Compressor Valves
- Manley Radiused Disc Compressor Valves
- MOPPET® Modular Radiused Disc Compressor Valves
- OEM valve substitutions
- Spare parts and service kits for compression valves



Rings and packings

- Rider and piston rings out of various materials
- Rod rings
- Pressure, oil and intermediate packings



Pistons, piston rods and liners

- Single-piece and segmental piston designs in a wide assortment of sizes, materials and specifications
- Rolled threaded induction-hardened or tungsten-carbide coated piston rods.



Bushes and other mechanical components

- Wide range of bushes finished to the final quota or blanks
- Composite materials up to 3 layers
- Bimetallic bushes



2.3. Industrial Air Systems

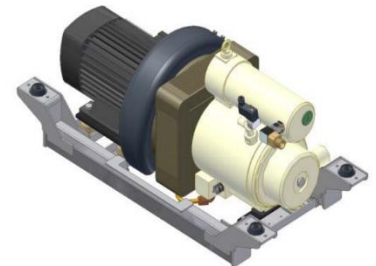
Reciprocating air compressors, rotary vane & screw compressors

- For various industrial applications
- Flow rate: 400 – 5.000 sm³/h
- Discharge pressures: 7 - 13 barg
- Power up to 220 kW (rotary vane compressors), 500 kW (screw compressors)



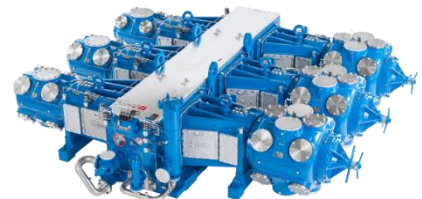
Break compressors

- Reciprocating compressors or rotary vane compressors
- Applications: locomotives, trolley buses, subway cars, trams, electric buses, etc...
- Flow rate: 530 - 5600 lit/min
- Discharge pressures: 8,2 – 12 barg
- Power range: 3 - 45 kW



Other compressors

- Compressors for food industry and medical applications
- High pressure air compressors
- PET compressors



Air treatment equipment

- Refrigeration or adsorption dryers
- Filter units for air and various gases
- Oil, liquid and solid separator units



Spare parts

- Spare parts for compressors, dryers and separators
- Service Kits
- Consumables



2.4. Services

- MULTIBRAND SERVICE
- Maintenance and interventions
- Equipment monitoring and diagnostics
- Upgrade & Revamp, conversions, compressor optimization
- Design and implementation of industrial air systems
- Technical Support - availability: 24/7
- Our Strength – reaction time according to the needs of the customer and flexibility.



3. Compression Division

3.1. Partners



4. References

- PLASTIPAK ROMANIA, yearly regular maintenance of ABC Horizon 1400 PET Compressor
- ROMGAZ, 3 years consecutive frame contract for maintenance of industrial air compressors for various compressor stations
- OMV PETROM, PETROBRAZI Refinery: Upgrade of monitoring and protection system for compressors HM-123NK1 A and B through HOERBIGER.
- OMV PETROM, E&P Asset II - Oltenia: Upgrade 7x RUMO10GKNA integral units through HOERBIGER.
- OMV PETROM, E&P Asset II - Oltenia: Wellhead compressor sales and service through HOERBIGER.
- ROMGAZ MEDIAȘ and ROMGAZ TÂRGU MUREȘ: Sales of wellhead compressors through HOERBIGER.
- ROMGAZ: delivery of spare parts for piston compressors and gas driven engines
- Sales and commissioning of industrial air system for: INFOPRESS SA,

5. Certificates

- ISO 9001 Quality Management System
- Authorized sales and service for MATTEI rotary vane compressors
- Authorized sales and service for ABC compressors
- COOK COMPRESSION authorized representative
- GANZAIR authorized representative
- GENAIRX authorized representative
- Authorized service for Gardner Denver screw compressors
- Authorized Kaeser mobile compressor dealer

6. Technical equipment

- Mechanical workshop with universal lathe, boring machine, milling machine, combined grinder, cleaning equipment
- Mobile workshop for interventions and on-site maintenance

- Workshop for assembling luminaires
- 1300 m² warehouse
- Tools and devices necessary for carrying out the described activities and operations

7. Skills of staff

Our team has the following qualifications:

- Sales and service of Gardner Denver screw compressors
- Lecture entitled "Petroleum Engineering", Montan Universitat
- 3C certification
- Lecture entitled "Finance for non-financial managers"
- Sales and service of capacity control system HydroCOM; condition monitoring and protection system RecipCOM
- Lecture entitled "Upgrade & Revamp" for reciprocating compressors
- Specialization in design and sales of reciprocating compressor valves
- Bachelor degree in electrical engineering, General Electrical Engineering specialization
- Bachelor degree in electronics, telecommunications and information technology engineering, Industrial electronics specialization
- Bachelor degree in construction engineering
- Professional drivers
- Cutting machine specialist
- Lock-smith
- Woodwork specialist

8. Contact details

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