

N & A



NILS & ABBAS
TRADING CO. L.L.C
COMPLETE ENGINEERING SOLUTIONS
Since 1994



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LOW PRESSURE COMPRESSOR / SERVICE



Servicing of all compressor brands



CompAir Rotary Screw Compressors (Oil Lubricated / Oil Free)

- Pressure : 5 - 13 bar(g)
- Motor : 2.2 - 315 kW
- Flow rate : 0.21 - 47.2 m³/min
- Fixed speed & Regulated speed
- Energy saving control
- Assured warranty up to 6 years / 44,000 hours
- Extendable warranty up to 10 years
- Class zero

Refrigeration desiccant and membrane dryers available .
Galvanized steel and stainless steel tanks available .
Skids and other customizations available.

N&A provide custom AMC's for your operating environment

- Eight fully trained staff for multiple brands (Low pressure only)
- Over twenty trained staff for all brands
- Air end rebuild and screw overhaul center for multiple brands
- Workshop custom built for multiple brands
- Genuine parts center
- Rental compressor fleet for planned overhauls, stand-ins or unexpected breakdowns
- 24/7 service hotline



PIPING / AIR AUDITING & CONDENSATE REMOVAL



Compressed Air Piping

Aircom is an Italian company specialized in compressed air distribution, control equipment, fittings, pipes, valves and accessories

- Eliminate wasted air & leakage (10 years warranty on leaks)
- Modular design - easy to disassemble and reassemble
- Aluminium piping ensuring no rust
- Expandability according to requirements
- Optimum constant performance (energy savings over time)
- Polished aluminium prevents a decrease in internal diameter over time



Condensate Removal



Smart Condensate Drain

- No blockage of condensate due to large orifice
- Integrated strainer
- Visual display of operating status
- Direct acting valve assembly, ensuring reliable discharge operation

Measuring of:

- Flow
- Power consumption
- Dew point

Compressed air is an expensive utility, 93% of power generating heat and only 7% generates compressed air.

N&A can audit your compressed air system, including data logging and air leak detection.

- Over 35% of the compressed air produced in the market is wasted due to leaks
- Excessive pressure increases leaks and wastes money



Air Audits



Flow meter



Compressed Air Audit Logger

DRUM
by Gardner Denver



Bulkline Compressor

Dry Screw Compressor

- Pressure : 1.5 - 2.5 bar(g)
- Motor : 24 - 54 kW
- Flow rate : 400 - 1025 m³/hr
- High quality, reliable and technically superior products
- Designed for contaminant free discharge of dense bulk power products
- Multiple packages and options, solutions for every market
- Oil Free
- Very low maintenance



Diesel Driven Compressor

HIGH PRESSURE ANY-GAS COMPRESSOR



Dependable up to 500 bar (g) - anywhere, anytime, any gas

Pressure : 10 - 500 bar(g) outlet
Motor : 0.55 - 250 kw
Flow rate : 8 - 1000 m³/hr

Gas-tight design with magnetic coupling, Explosion-proofing, ATEX zone 1 or zone 2

Media:

Air
Nitrogen
Helium
Natural Gas
Bio-Gas/Bio-Methane
Hydrogen
Oxygen
Ammonia
Hexane
Propylene
Flash Gas
Nitrous Oxide, etc.

Sauer offers the highest level of german precision and engineering. Sauer offers a lifetime warranty on mechanical components as long as the services are done on time by Sauer. Lastly, Sauer tests its compressors with the gas it will use such as helium compressors with helium, argon compressors with argon, etc.

SAUER Helium Compressors

SAUER is the only brand offering hermetically sealed helium compressors — made possible by a flanged crankcase and magnetic coupling, eliminating any shaft seal and removing the primary leakage risk.

It is also the only manufacturer that:

Tests its helium compressors with real helium

Can issue TÜV certification in-house, without third-party inspectors

The result: verified leak-tightness, faster approvals, and maximum process security.

Designed specifically for helium's demanding properties, the SAUER range delivers:

Optimized multi-stage compression

High volumetric efficiency

Heavy-duty construction for continuous operation

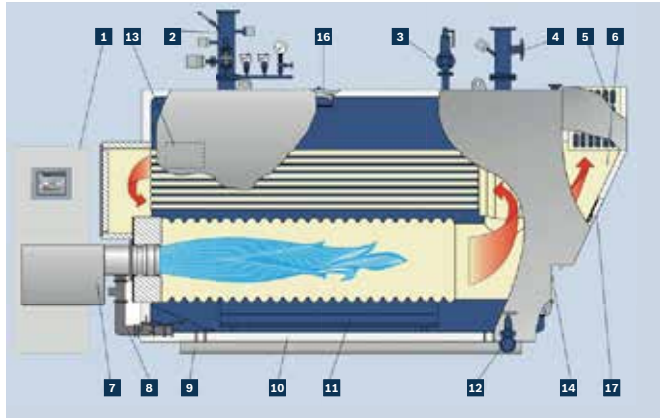
Reduced helium loss and lower operating costs

SAUER — absolute tightness, proven performance.





Industrial Boilers



Steam & Hot Water Boilers Boiler

- Capacity: 175 kg/hr to 55000 kg/hr
- Shell & Tube Boiler Design
- High level of efficiency due to three-pass technology, an integrated economizer and effective heat insulation material
- High level of pressure consistency and steam quality even with widely fluctuating steam demand
- Equipped with a separate fourth pass for waste heat use
- Boiler body can also be used as a pure waste heat boiler behind combined heat and power plants or gas turbines
- Pollutant reduced combustion due to the use of state of the art firing systems matched with the best boiler/burner combination
- Complete PLC based control system with HMI
- Simple commissioning due to pre-parameterized boiler control
- We offer full training and service
- Bosch offers the highest safety and a renowned brand



Boiler

Steam Accessories



CONTROL VALVE



BLOW DOWN VALVE



SAFETY VALVE



LEVEL SIGHT GLASS



NRV



STRAINER



FLOAT TRAP



Rotary Oil-Free Blowers / Vacuum - ROBOX

- Pressure : up to 1 bar(g)
- Vacuum : up to 100 mbar abs
- Motor : 11 - 450 kW
- Flow rate : 150 - 25000 m³/h
- Aggregate compact design
- Only V-belt drive (no direct coupling)
- Pressure mode up to 1000 mbar (g) (configuration / P)
- Vacuum mode down to 500 mbar abs - (configuration / V)
- Vacuum mode down to 100 mbar abs - (spec. configuration / DV)
- Plug & Play solution available upon request
- We can supply for aquaculture and biogas applications as well
- Silent operation, low noise emission
- Easy access and maintenance
- High performance



Rotary Oil-Free Vacuum Pump / Blowers

- Pressure : up to 2 bar(g)
- Vacuum : up to 0.5 mbar abs
- Motor : up to 30 kW
- Flow rate : 3 - 3000 m³/h
- Low noise level
- Dry running and oil lubricated versions
- Robust and economical
- Easy to operate
- Cast housing and impellers
- Quiet operation
- Reliable and built-to-last, virtually maintenance free
- Adjustable speed via external or internal converter
- Worldwide use (UL/CSA/IEC/EN approval)
- Robust yet lightweight
- Maximum abrasion resistance
- Excellent corrosion resistance
- Modular design
- Variable speed drive available





Industries & Applications

- Factory automation
- Material handling
- Food & beverages
- Rail
- Battery manufacturing

Product Ranges

- Pneumatic actuators
- Electric motion
- Valve islands & industrial communications
- Solenoid / pneumatic valves
- Air preparation (filter regulator lubricators)
- Pressure & vacuum
- Fittings, tubing & accessories

Industrial Automation

- IMI Norgren
- IMI Buschjost
- IMI Herion
- IMI Bimba
- IMI Bahr



Product Ranges

- Safety products
- Pressure control valves
- Pneumatic cylinders
- Air preparation
- Directional control valves
- Coaxial valves
- Proportional pressure control valves
- Manual & mechanical valves
- Pinch & flow control valves
- Valve manifolds & dub-bases
- ROSS FLEX & customized systems

Industries & Applications

- Functional safety
- Container glass industry
- Press metal forming
- Automotive industry
- Assembly & test applications
- Packaging industry
- Metallurgical plants
- Rolling mills



INDUSTRIAL CHILLERS



Kirloskar Chillers

95 to 1200 TR



200 to 1200 TR



100 to 550 TR



140 to 2400 kW



Efficient Cooling & Heating Solutions

Kirloskar Group is 140-Year-old selling to 70 countries across the globe. 2.1 million TR of cooling solutions installed globally.

Energy Efficiency

- ✓ 40% savings when installing VFD water-cooled vs air-cooled fixed speed chiller
- ✓ 25% savings when installing VFD water-cooled vs air-cooled VFD chiller
- ✓ During the life of the chiller 92% of the total costs are power, 8% is the price of the chiller

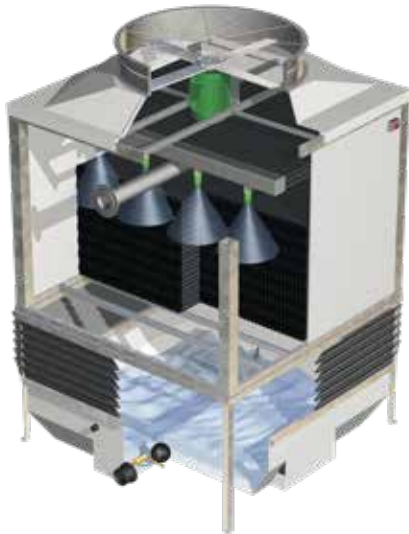
Comprehensive Solutions for Process Cooling, Air Conditioning & Heating Needs

Product	Series	Capacity	Refrigerent
Centrifugal Chillers (with Magnetic Bearing Compressor)		95 to 1200 TR	HFC 134a & HFO 1234ze
Centrifugal Chillers (Conventional)		200 to 1200 TR	HFC 134a &
Water Cooled and Air Cooled Screw Chillers(with and without VFD)		100 to 550 TR	HFC 134a, HFC 407C & HFO 1234ze
Heat Pumps		140 to 2400 kW up to 85 deg C	

COOLING TOWERS



Non-Corroding
& Long Lasting



Easy
Maintenance



Evaporative Open / Closed Circuit & Adiabatic Cooling Towers

Fiberglass sandwich panels of 22 mm thickness.
Sandwich panel - double laminated layer with supporting expanded material.
Gelcoated, resistant to UV rays, hot & cold water.
Abrasion due to weather and chemicals protection.

Lifelong rustproof warranty.

Mita cooling towers have sandwich panel with materials selected to be non corroding and long lasting

Easy accessibility.

Completely removable walls for easy and total access to the internal components.

Efficiency and optimal resource use.

MITA solutions are selected through advanced software in order to fit the plant characteristics

PU - For large systems (over 10,000 kW) - 2840 tons

Field erected, non-corrodible fiberglass panels

PME - E & PMM - For medium to large systems - 244 to 3977 tons

(PME - E from 860 - 2,600 and PMM from 2,600 - 14,000) kW

PMS & MCT - For small to medium systems - 5 to 455 tons

(PMS from 18 - 860 and MCT from 28 - 1,600) kW

MCC - Evaporative cooling

Internal coil to keep liquid quality unchanged
(water or water plus glycol)

HBR - Hybrid, evaporative and dry cooling

Evaporative or dry operation depending on the internal temperature

PAD - V Adiabatic and dry cooling

Hot & cold season operations with integrated PLC

Quick pay-back.

Pre-selection performed together with the client, based on their project requirement.

Limited noise levels.

Sound reducing solutions on customer request.

High efficiency.

Provided by evaporative technology.

Lifelong
Rustproof
Warranty

Sustainable Cooling Technologies for Heat Exchange



INDUSTRIAL DUST COLLECTOR & FUME EXTRACTOR



Nederman



Nederman is a global leader in industrial air filtration and dust collection systems. Nederman systems capture dust, fumes and particulate matter directly at the source, providing cleaner air for employees while supporting regulatory compliance and improved operational performance.

Nederman product portfolio:

- Bag filter dust collectors
- Cartridge filter dust collectors
- Cyclone pre-separators
- Central vacuum systems
- Control and monitoring equipment
- Engineered turnkey extraction systems
- Mobile low and high vacuum products

Main industries:

- Welding and thermal cutting
- Metalworking and machining
- Composite processing
- Woodworking
- Material handling and recycling
- Process industries and energy
- Vehicle service and emergency stations

With decades of expertise and advanced filtration technology, Nederman helps customers achieve:

- Cleaner air and healthier workplaces
- Optimized maintenance and extended equipment lifetime
- Improved production efficiency and sustainability

BREATHING AIR COMPRESSORS / AIR & GAS BOOSTERS



COLTRI®
COMPRESSORS



Coltri Industrial Application



Features Includes:

- Pressure : 420 bar(g)
- Motor : 1.1 - 15 kW
- Flow rate : 100 - 750 l/min
- Reusable filter cartridges
- Tropical models made for high heat and humidity climates
- Nitrox, storage banks and dryers available
- Three phase, single phase, petrol or diesel options available
- Normal, silent or super silent options
- Models available for air, CNG, Nitrogen, Argon, Helium and Nitrox

Breathing air uses:

- Leisure diving
- Commercial diving
- Industry
- Fire and gas safety
- SCBA filling

Booster For Technical Gases:

- Breathing air EN 12021, Nitrox 40% max O₂, Helium, Nitrogen
- 400 - 650 l/min @max. 360 bar; intake pressure from 2 to 5 bar
- 5.5 kW - 11 kW

CNG HD for Methane & Hydrogen Compressor:

- Charging rate 13.3 - 22.1 kg/h methane
- 220 - 620 l/min
- Max. pressure 360 bar
- 9 - 15 kW
- CNG: Booster available

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