

CAPS Australia

Compressed Air & Power Solutions

Electric Compressors

Diesel Compressors

Blowers

Generators

Air Treatment

Air Receivers

Gas Generation

Air Tools

Hoists

Winches



PRODUCTS

More Options, Better Solutions

OIL FREE AIR COMPRESSORS

Ingersoll Rand Centrifugal Air Compressors TUV Certified - ISO 8573-1:2001 Class Zero



Range	Centac 160 kW (214 HP) - 4,500 kW (6,000 HP)
Capacity	25 m ³ /min (1,400 cfm) - 850 m ³ /min (30,000 cfm)
Pressure	2.1 bar (30 psi) - 24 bar (350 psi)

Ingersoll Rand PET Air Compressors



Range	C750 Centrifugal 520 kW (700 HP) - 670 kW (900 HP)
Capacity	44 m ³ /min (1,891 cfm) - 65 m ³ /min (2,300 cfm)
Pressure	30 bar (435 psi) - 42 bar (609 psi)



Range	PET Star Reciprocating 112 kW (150 HP) - 525 kW (725 HP)
Capacity	8.4 m ³ /min (297 cfm) - 57 m ³ /min (2,023 cfm)
Pressure	40 bar (580 psi)

Ingersoll Rand Rotary Screw Air Compressors TUV Certified - ISO 8573-1:2001 Class Zero



Range	Variable Speed Sierra 250 kW (335 HP) - 300 kW (400 HP)
Capacity	35.5 m ³ /min (1,256 cfm) - 49 m ³ /min (1,735 cfm)
Pressure	7 bar (101 psi) - 10 bar (145 psi)



Range	Variable Speed Nirvana 37 (50 HP) - 160 kW (215 HP) Hybrid Permanent Magnet Motor
Capacity	2.60 m ³ /min (92 cfm) - 25.6 m ³ /min (906 cfm)
Pressure	4.5 bar (65 psi) - 10 bar (145 psi)



Range	Fixed Speed Sierra 37 kW (50 HP) - 300 kW (400 HP)
Capacity	6 m ³ /min (212 cfm) - 45.2 m ³ /min (1,600 cfm)
Pressure	4.5 bar (101 psi) - 10 bar (145 psi)

Conquest Rotary Scroll Air Compressors - Oil Free



Range	2.2 kW (3.0 HP) - 37 kW (50 HP)
Capacity	0.22 m ³ /min (9.6 cfm) - 4.16 m ³ /min (147 cfm)
Pressure	8 bar (116 psi) - 9.9 bar (143 psi)

CONTACT COOLED AIR COMPRESSORS

Ingersoll Rand Rotary Screw Single Stage - Contact Cooled



Range	Nirvana Variable Speed - 37 kW (50 HP) - 160 kW (215 HP)
Capacity	1.7 m ³ /min (60 cfm) - 28.1 m ³ /min (992 cfm)
Pressure	4.5 bar (65 psi) - 10 bar (145 psi)



Range	SSR M Series 185 kW (250 HP) - 250 kW (335 HP)
Capacity	34.3 m ³ /min (1211 cfm) - 43.9 m ³ /min (1,550 cfm)
Pressure	4.5 bar (65 psi) - 10 bar (145 psi)



Range	R Series 90 kW (120 HP) - 160 kW (215 HP)
Capacity	16.7 m ³ /min (590 cfm) - 28.5 m ³ /min (1,006 cfm)
Pressure	4.5 bar (65 psi) - 10 bar (145 psi)



Range	SSR Series 45 kW (60 HP) - 75 kW (100 HP)
Capacity	7.4 m ³ /min (261 cfm) - 13 m ³ /min (459 cfm)
Pressure	4.5 bar (65 psi) - 11.4 bar (165 psi)



Range	UP 15 kW (20 HP) - 37 kW (50 HP)
Capacity	2.41 m ³ /min (85 cfm) - 6.20 m ³ /min (219 cfm)
Pressure	4.5 bar (65 psi) - 14 bar (203 psi)



Range	UP TAS 5.5 kW (7.5 HP) - 11 kW (15 HP)
Capacity	0.82 m ³ /min (29 cfm) - 1.60 m ³ /min (57 cfm)
Pressure	4.5 bar (65 psi) - 14.5 bar (210 psi)
	Total Air System



Range	Fixed Speed - R Series 5.5 kW (7.5 HP) - 11 kW (15 HP)
Capacity	0.83 m ³ /min (29.3 cfm) - 1.63 m ³ /min (57.5 cfm)
Pressure	6 bar (87 psi) - 10 bar (145 psi)

Ingersoll Rand Rotary Screw Two Stage - Contact Cooled



Range	Fixed Speed - SSR M Series 90 kW (125 HP) - 350 kW (470 HP)
Capacity	18.0 m ³ /min (636 cfm) - 69.2 m ³ /min (2,443 cfm)
Pressure	6 bar (87 psi) - 14 bar (203 psi)
	Maximum Efficiency



Range	Nirvana Variable Speed - 75 kW (100 HP) - 160 kW (215 HP)
Capacity	10.1 m ³ /min (353 cfm) - 31.2 m ³ /min (1,102 cfm)
Pressure	6 bar (87 psi) - 10 bar (145 psi)
	Maximum Efficiency

CENTRIFUGAL BLOWERS

IR Centac Single & Multistage



Range	131 kW (175 HP) – 671 kW (900 HP)
Capacity	37 m ³ /min (1,300 cfm) – 255 m ³ /min (9,000 cfm)
Pressure	620 mbar(g) (9 psi) – 2,410 mbar(g) (35 psi)

Neuros Turbo NX & NC Series



Range	37 kW (50 HP) - 520 kW (700 HP)
Capacity	20 m ³ /min (708 cfm) - 466 m ³ /min (16,496 cfm)
Pressure	300 mbar(g) (4.5 psi) - 2,500 mbar(g) (36.5 psi)

HSI Multistage



Range	15 kW (20 HP) - 2,250 kW (3,000 HP)
Capacity	1.2 m ³ /min (42 cfm) - 1,170 m ³ /min (41,300 cfm)
Pressure	70 mbar(g) (1 psi) - 1,400 mbar(g) (20 psi)

Kawasaki Single Stage



Range	60 kW (80 HP) - 3,000 kW (4,000 HP)
Capacity	60 m ³ /min (2,000 cfm) - 1,850 m ³ /min (60,000 cfm)
Pressure	200 mbar(g) (3 psi) - 2,000 mbar(g) (30 psi)

POSITIVE DISPLACEMENT BLOWERS

Robuschi Blowers



Range	Robox Evolution Series 2 – 400 m ³ /min
Capacity	2 m ³ /min (70.1 cfm) - 400 m ³ /min (14,125 cfm)
Pressure	300 mbar(g) (4.5 psi) - 1,000 mbar(g) (15 psi)
Vacuum	200 mbar(g) (6" HG) (20%) - 500 mbar(g) (15" HG) (50%)



Range	Truck Vacuum RB-DV & TRB-DV Series 14 – 175 m ³ /min
Capacity	14 m ³ /min (494 cfm) - 175 m ³ /min (6,176 cfm)
Vacuum	300 mbar(g) (9" HG) (30%) - 900 mbar(g) (27" HG) (90%)



Range	Robox Screw Series 12.8 - 175m ³ /min
Capacity	12.8 m ³ /min (453 cfm) - 175 m ³ /min (6,200 cfm)
Pressure	800 mbar(g) (12 psi) - 2,500 mbar(g) (36.5 psi)



Range	Robox Evolution Biogas Series 4 – 47.5 m ³ /min
Capacity	4 m ³ /min (140 cfm) - 47.5 m ³ /min (1,682 cfm)
Pressure	300 mbar(g) (4.5 psi) - 1,000 mbar(g) (15 psi)

PORTABLE DIESEL AIR COMPRESSORS

Airman Box Type Air Compressors



Capacity 1.55 m³/min (55 cfm) - 11.3 m³/min (400 cfm)
Pressure 7.0 bar (102 psi) - 10 bar (145 psi)

Airman Trailer Mounted Air Compressors



Capacity 2.8 m³/min (100 cfm) - 11.3 m³/min (400 cfm)
Pressure 8.5 bar (123 psi) - 10 bar (145 psi)*

Airman Large Mobile Air Compressors



Capacity 13.2 m³/min (466 cfm) - 36.003 m³/min (1,300 cfm)
Pressure 6.8 bar (100 psi) - 24 bar (350 psi)

PORTABLE DIESEL GENERATORS

Airman Portable Diesel Generators



Range Standard enclosure rental range
Capacity 10.5 kVA - 500 kVA, 50 Hz



Range Environmental range (Long range fully bunded tank)
Capacity 10.5 kVA - 200 kVA, 50 Hz



Range Super silent range (Noise level down to 51 dBA at 7 m)
Capacity 20 kVA - 125 kVA, 50 Hz

PORTABLE LIGHTING TOWERS

Allmand Maxi-Lite 6V Lighting Towers



Standard Features:

Large fuel capacity, approximately 100 hours run time without refuelling, vertical lighting tower raises quickly from its retracted position for easy setup.

DIESEL GENERATORS

Kohler Power System



Mitsubishi Diesel
Capacity
Voltage & Speed
Features

Single Phase
 5 kVA / 5 kW - 17 kVA / 17 kW
 1,500 rpm, 240 V, 50 Hz
 DEC 1000 control panel with LCD display, banded base-frame, optional acoustic canopy and rental package.



Mitsubishi Diesel
Capacity
Voltage & Speed
Features

Three Phase
 7.5 kVA / 6 kW - 20 kVA / 16 kW
 1,500 rpm, 415 / 240 V, 50 Hz
 DEC 1000 control panel with LCD display, banded base-frame, optional acoustic canopy and rental package.



John Deere Engine
Capacity
Voltage & Speed
Features

Three Phase
 30 kVA / 24 kVA - 300 kVA / 240 kVA
 1,500 rpm, 415 / 240 V, 50 Hz
 DEC 1000 control panel, banded fuel tank, optional acoustic canopy, rental package and wide range of accessories.



Volvo Penta Engine
Capacity
Voltage & Speed
Features

Three Phase
 300 kVA / 240 kW - 700 kVA / 560 kW
 1,500 rpm, 415 / 240 V, 50 Hz
 Electronic injection, DEC 4000 control panel with energy metering, optional banded extended tank, KERYs parallel system, canopy and rental package.



Mitsubishi Diesel
Capacity
Voltage & Speed
Features

Three Phase
 600 kVA / 480 kW - 2,250 kVA / 1,800 kW
 1,500 rpm, 415 / 240 V, 50 Hz, other voltage to 11 kV
 Mechanical engine with digital governor, DEC 550 control panel with digital display and energy metering, optional container acoustic enclosure and parallel control panel.



MTU Diesel
Capacity
Voltage & Speed
Features

Three Phase
 650 kVA / 520 kW - 3,300 kVA / 2,640 kW
 1,500 rpm, 415 / 240V, 50 Hz, other voltage to 11 kV
 Electronic injections, DEC 4000 control panel, emission or efficiency optimised, optional KERYs parallel control, acoustic canopy, container enclosure and rental package.

GAS ENGINE GENERATORS

Kohler Gas Engine Generators



Capacity	30 kVA / 24 kW - 375 kVA / 300 kW
Voltage & Speed	1,500 rpm, 415 / 240V, 50 Hz
Engine	General Motor and Doosan spark ignition engines
Application	Standby and prime power, cogeneration system

Kawasaki Gas Engine



Type	Gas Engine Generator Set
Capacity	5.2 MW to 7.8 MW, 3.3 kV to 11 kV
Features	750 rpm, highest 48.5% electrical efficiency, low NOx of 57 ppm, spark ignition with pre-combustion technology, suitable for both baseload and cogeneration application.

GAS TURBINE GENERATORS

Kawasaki Gas Turbine



Type	Gas Turbine Generator Set - Standby GPS Product
Capacity	200 kVA / 160 kW - 6,000 kVA / 4,800 kW, 415 V to 11 kV
Features	85 dBA standard acoustic enclosure, 100% step load at 6% frequency drop, wide range of liquid fuel, battery electric start in 40 seconds.



Type	Gas Turbine Generator Set - Baseload GPB Range
Capacity	1.5 MW to 20 MW, 415 V to 11 kV
Features	High cogeneration efficiency, wide range of liquid and gas fuel, 4,000 hours services interval, mains power VSD starting, low NOx emissions to 1.5 ppm version available.

CUSTOMISED POWER GENERATION

CAPS Power Generation Solutions

In addition to equipment supply, CAPS is able to provide “hassle-free” turnkey solutions with standby power system for critical facilities such as hospitals, financial and banking facilities, data centres and “black start” for power stations. Turnkey systems include the fuel system, plantroom acoustic treatment or enclosures, multiple generators paralleling and with mains paralleling closed transition control system, full BMS and SCADA system interface.

CAPS also offers baseload and cogeneration energy solutions for a wide range of commercial and industrial applications using own represented products as well as third party engines. CAPS offers a full service from the feasibility study, design, engineering, procurement, construction and commissioning to ongoing preventative maintenance.

CAPS ENGINEERED SOLUTIONS

Engineered Solutions



CAPS is the preferred supplier in Australia for customised compressed air packages and skid systems. Using our considerable knowledge and 30 years experience, we are able to design and manufacture solutions to meet your specific requirements. Our head office in Perth has its own state-of-the-art facilities, project team and manufacturing group, comprising of experienced project managers, design and manufacturing engineers and manufacturing trade professionals. We can handle the requirements of the most complicated projects.

Gas Generation



CAPS has an extensive range of nitrogen and oxygen generators to suit the market needs. Nitrogen generator range consists of membrane and pressure swing adsorption (PSA) design to cater for the different flow capacity and purity applications. Oxygen generators are in the form of pressure swing adsorption (PSA) and vacuum pressure swing adsorption (VPSA) design to suit the different oxygen flow demand. Generating nitrogen and oxygen gas on site improves OH&S in bottle handling and is an economical alternative to bottled gas arrangement.

Gas Compression



CAPS' gas compression products range which comprises of a number of compression technologies, which provides the options to suit your application. The compression technologies included reciprocating, screw, scroll, rotary lobe and multi-stage centrifugal designs. They are well suited to wellhead gas gathering, gas transmission, fuel gas boosting, refinery services, coal seam gas extraction / boosting, bio-gas boosting for micro turbines, vapour recovery, CO₂ transfer, landfill gas, flare systems, waste water treatment and many more.

AIR TREATMENT

Conquest PSK Heatless Dessicant Compressed Air Dryer



Capacity	1.62 Nm ³ /min (55 cfm) - 297.33 Nm ³ /min (10,500 cfm) <i>Lower and higher capacity is available upon request</i>
Dewpoint	-40°C to -73°C

Conquest Refrigerated Air Dryer, Standard & High Inlet Temperature



Range	0.31 Nm ³ /min (11 cfm) - 90 Nm ³ (3,182 cfm)
Inlet Pressure	1.4 bar (20.3 psi) - 13.8 bar (202 psi)
Dewpoint	3°C to 10°C

Conquest Compressed Air Filter



Range	1 / 2" BSP - 3" BSP threaded / 80 mm - 200 mm flanged
Capacity	0.66 m ³ /min (23 cfm) - 523 m ³ /min (18,470 cfm)
Pressure	Up to 16 bar (232 psi)

AIR RECEIVERS

CAPS Air Receivers

CAPS range of registered design air receivers range from 50 litres to more than 60,000 litres, mounted vertically or horizontally. All are manufactured to Australian Standard AS1210.

CAPS manufacture pressure vessels including:



- Air receivers to 60,000 litres.
- Gas scrubber vessels, surge vessels.
- Vacuum vessels, knock out pots.
- Air manifolds, large filter housing.

RECIPROCATING AIR COMPRESSORS

Ingersoll Rand Reciprocating Air Compressors



Range	Type 30 - 2.2 kW (3 HP) - 22 kW (30 HP)
Capacity FAD	0.28 m ³ /min (9.8 cfm) - 2.7 m ³ /min (95.6 cfm)
Pressure	8.6 bar (125 psi) - 17 bar (250 psi)
	Two stage units, 100% duty



Range	Non lube - 1.5 kW (2 HP) - 15 kW (20 HP)
Capacity FAD	0.12 m ³ /min (4.3 cfm) - 1.59 m ³ /min (56 cfm)
Pressure	7 bar (101 psi) - 8.6 bar (125 psi)



Range	High pressure 2.2 kW (3 HP) - 15 kW (20 HP)
Capacity FAD	0.14 m ³ /min (4.8 cfm) - 1.07 m ³ /min (37.3 cfm)
Pressure	35 bar (507 psi) - 345 bar (5,000 psi)



Range	Vacuum pumps - 1.1 kW (1.5 HP) - 15 kW (20 HP)
Capacity FAD	3,621 m ³ /min (9.8 cfm) - 4,580 m ³ /min (162 cfm)
Pressure	Vacuum 29" HG or 90% VAC

Conquest Reciprocating Petrol & Diesel Air Compressors



Range	Petrol and diesel - 3.6 kW (4.8 HP) - 13 kW (18 HP)
Capacity FAD	0.28 m ³ /min (9.9 cfm) - 1.59 m ³ /min (56.4 cfm)
Pressure	9.3 bar (135 psi)

AIR TOOLS

Air Tools



Impact Wrenches 1/4" to 2-1/2": torque ranges 50 ft-lb to 80,000 ft-lb,

Sanders - orbital, dual action, vertical, high speed.

Polishers, nibblers, shears, die grinders, angle grinders, 1/4" - 1/2" drive ratchets, drills, hammers, scalers, light assembly tools - screwdrivers, angle wrenches, pulse tools, drills and electric fastening systems, and various specialty tools.

Cordless Tools



7.2 to 19.2 volt, one charger for complete range.

Impact wrenches, drills, ratchets, die grinders, cut-off saws, torch and impact drivers. IQV battery technology prolongs battery life.

Construction and Demolition Tools



Pavement breakers 20 kg to 40 kg, spike drivers, diggers 10 kg to 14 kg, jackhammers, rivet busters, chipping hammers, backfill tampers, sand rammers and a range of chisels/steels to suit.

Accessories - Impact Sockets - Chisels



We also stock an extensive range of parts and accessories for our line of tools.

Boot covers, tune up kits, lubricants, gloves, sanding pads, blades, oilers and a comprehensive range of chisels/steels and 1/2" - 3/4" drive impacts sockets in standard and deep configuration.

Air Motors

Ingersoll Rand offers well over 200 catalogued models of air motors, with an extensive range of options:

- Reversible and non-reversible types.
- Vane or piston configurations.
- Geared and non-geared varieties.
- 0.10 to 30 horsepower.

Pumps - Sump, Diaphragm and Piston

2" centrifugal sump pump.

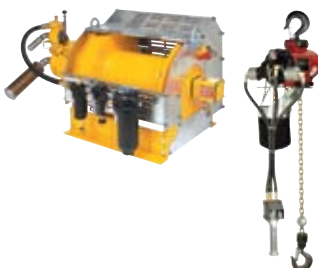
Broad range of diaphragm pumps and lubrication equipment.

Award-winning designs, including the number one diaphragm pump in the industry.

Range 1/4" to 3" in metallic and non-metallic.



Hoist & Winch - Air and Hydraulic



Broadest range of air and hydraulic winches and hoists. Industry-proven reliability for continuous duty applications.

- Winches capacity range 150 kg to 10,000 kg.
- Hoists capacity range 125 kg to 100 ton.
- Man lifting winches for offshore applications.
- Certification by ABS, DNV, Lloyds, and more.

AFTERMARKET

CAPS Hire Air Compressors



Where short, medium or long term usage is needed, CAPS also hire equipment for the growing needs of manufacturing, construction, plant maintenance, or mining operations which is often an economical alternative to purchasing. CAPS hire out electric compressors up to 40 Barg, large flow compressors such as centrifugal compressors, diesel powered compressors, blowers including positive displacement blowers, air dryers, air receivers, compressor packages and generators. CAPS also has a 'Hire with an Option to Purchase' option, whereby customers can opt to buy out the machine completely at any point of time during the hire.

Energy Efficiency Services



CAPS is renowned for their expertise in compressed air, and have been assisting the industry with energy efficiency solutions for decades. Energy Efficiency Services is an independent arm of CAPS Australia who can assess your current system on both the demand and supply side to identify the most effective opportunities and deliver the best return for your business. EES' initial free consultation will help to determine if sufficient opportunities exist. Successfully helping many small and large users of compressed air, EES is confident you will be so happy with their services that they offer a 100% money back guarantee if significant, tangible and ongoing energy reductions can't be identified using their ongoing services.

CAPS Service



CAPS provides professional servicing for all compressed air equipment. CAPS field technicians are trained by Ingersoll Rand and use advanced diagnostic and condition monitoring equipment. Advanced service methods help to ensure your compressor continues to run reliably and help predict maintenance requirements before breakdowns happen. Our services include onsite servicing, installation and commissioning.

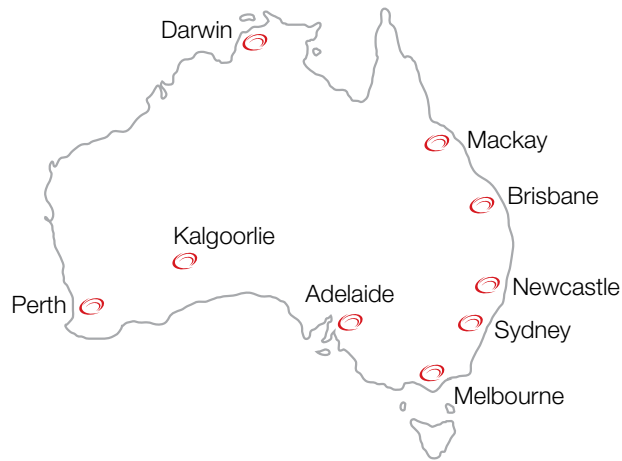
- 24 hrs breakdown service – Major repairs and reconditioning – Fixed price service plans – Extended warranty service plans

CAPS Spare Parts



CAPS carry a comprehensive range of genuine parts and can supply your needs both over the counter and by prompt delivery to anywhere in Australia or overseas.

Our range includes service parts, lubricants, accessories, exchange airends, coolers, motors, controller upgrades, overhaul parts and much more...



NEW SOUTH WALES

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NEWCASTLE

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VICTORIA

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WESTERN AUSTRALIA

PERTH

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