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# High Pressure Compressors, Charge Stations & Fast Fill Stations

*Protecting People & Property*

WORMALD

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# Wormald

Professionals in the mining, industrial, defence and emergency services sectors need the very best equipment. Wormald have been working to protect people and property for over 120 years. We are part of Tyco International, the world's largest fire and safety systems organisation operating in over 60 countries. Wormald has unique access to a remarkable depth and breadth of physical and intellectual resources. Our experience across a vast range of industries – in organisations large and small, private and public – provides a knowledge base beyond that of most companies. This insight gives us the capability to help you select the most suitable devices for your situation.

Wormald understands rescue related equipment needs to work as designed – there are often no second chances. We are proud of our reputation as a leader in providing emergency response equipment and the vital role we play in saving lives. Properly maintained products and equipment provided through Wormald give you the ability to respond with confidence to emergency situations.

As well as developing our own innovative products, Wormald distributes products from Scott Safety and NARDI, world leaders in the design and manufacture of respiratory protection equipment and specialised breathing air compressors.

Our network of centres in capital and regional cities, along with associated distributors, provide comprehensive support, maintenance and spare parts for all equipment supplied by Wormald. With more than 2,000 employees throughout Australasia, Wormald has the talent and expertise to provide you with the best life safety and rescue solutions.

Wormald can supply a full range of other specialised fire, safety and rescue products including;

> Thermal imaging cameras
> Fixed and portable gas detection
> Nozzles and monitors
> Water monitors and cannons
> Resuscitation equipment
> Defibrillators
> Foam concentrates
> Vehicle fire suppression systems
> Fire extinguishers, smoke alarms, fire blankets & fire hose reels

At Wormald, our priority is your protection.

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# High Pressure Breathing Air Compressors

Self contained breathing apparatus requires cylinders filled with pure, dry breathing air that meets the selection and maintenance criteria in accordance with AS/NZS 1715-2009. Wormald provides a range of reliable, easy to use compressors that can be configured to your requirements. Suitable for fire, rescue, mining and industrial safety.

## NARDI

### Portable Air Compressors

MARINE | MINING | POLICE/MILITARY | FIRE/EMERGENCY | INDUST/UTILS | OIL/GAS/CHEM

NARDI's range of versatile compressors provide compressed breathing air where and when you need it. Units are highly configurable to deliver the capability you need and come with a choice of electric, petrol and diesel motors.

> Charging rates from 100 lpm to 320 lpm
> Dual pressure available: 200 / 300 Bar
> Fast fill time; from 5.5min to 20min
> Fill up to 4 cylinders simultaneously
> Automatic water drain and stop on fill
> Easy change filter system
> In built safety valve
> Aluminium & stainless steel interstage coolers & after coolers
> Choice of electric, petrol and diesel motor

### Stationary Air Compressors

MARINE | MINING | POLICE/MILITARY | FIRE/EMERGENCY | INDUST/UTILS | OIL/GAS/CHEM

Dedicated research and development has resulted in a range of high quality compressors incorporating the latest technology. Constructed from the finest materials, NARDI compressors are designed for long-term reliable performance.

> Charging rates 140 lpm to 320 lpm
> Dual pressure available: 200 / 300 Bar
> Fast fill time; from 5.5 minutes
> Fill up to 4 cylinders simultaneously
> Quiet operation: only 69 dB
> Easy change filter system
> In built safety valve
> Stainless steel interstage coolers & after coolers

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# Scott Safety

## Hush Air

MARINE | **MINING**
POLICE/MILITARY | **FIRE/EMERGENCY**
**INDUST/UTILS** | OIL/GAS/CHEM

The Hush Air is one of the quietest stationary air compressors in the Scott Safety range and features the patented FreshAir® purification system.

> Charging rates 580 lpm to 722 lpm
> Capable of purifying 60,000 to 84,000 scf
> Quiet operation
> Auto drain with silencer reservoir
> Automatic low oil shut down indicator
> Stage gauge panel
> Operation time meter
> Automatic high temperature shut down indicator
> Automatic control and indicator panel

## Simple Air

MARINE | **MINING**
POLICE/MILITARY | **FIRE/EMERGENCY**
**INDUST/UTILS** | OIL/GAS/CHEM

An economical and efficient low profile breathing air system, the Simple Air is a complete compressor assembly with maximum air flow design.

> Charging rate 396 lpm
> Capable of purifying 17,000 to 37,000 scf
> Auto drain with silencer reservoir
> Automatic low oil shut down indicator
> Stage gauge panel
> Operation time meter
> Automatic high temperature shut down indicator
> Automatic control and indicator panel

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## Fresh Air Purification System

MARINE | **MINING**
POLICE/MILITARY | **FIRE/EMERGENCY**
**INDUST/UTILS** | OIL/GAS/CHEM

At the heart of a Scott Safety compressor is a precisely matched FreshAir® purification system. This industry-leading system features a steadfast moisture separator, unwavering purification chambers and a reliable back-pressure valve.

> Delivers the purest air available for life support. Exceeds respiratory standards set by OSHA, CGA and NFPA
> Manufactured with space-age, lightweight, high-strength, corrosion-resistant aluminium alloy to provide superior compressor performance
> Safe, dependable and easily maintained. Industry proven over 40 years

## X4 Controller

MARINE | **MINING**
POLICE/MILITARY | **FIRE/EMERGENCY**
**INDUST/UTILS** | OIL/GAS/CHEM

All of Scott Safety's compressor models come standard with Scott Safety's state of-the-art microprocessor X4 Controller. The X4 Controller monitors and controls the compressor's operation to ensure clean, breathable air is delivered to each cylinder.

> Monitors the compressor's discharge air temperature and oil level and activates alarms when necessary
> Optional configuration to measure CO and/or dew point for maximum outputs. Shuts the compressor down to ensure acceptable air quality and activates alarms for high CO and dew point levels
> Alerts for service and collects data about compressor usage
> Available in English, Spanish and Mandarin
> Programmable and user-friendly

## Smart Fill

MARINE | **MINING**
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**INDUST/UTILS** | OIL/GAS/CHEM

The Scott Safety Smart Fill Auto Cascade System can be easily added to any operational unit or included at the time of purchase. The system works with or without a compressor and on both stationary and truck-mounted units. It can also be combined with Scott Safety's RevolveAir® fill station to fill SCBAs even faster. Smart Fill frees up the operator to perform other tasks rather than continually monitoring valves.

> Guarantees maximum air- The system automatically gets the maximum amount of air out of a storage system with no chance of operator error. It automatically pulls from the storage cylinder with the lowest pressure until the SCBA cylinder has reached the target fill pressure
> Pneumatic system- Smart Fill does not require any electric power. If there is a loss of power, the system will remain fully operational
> Easy to learn, use and maintain- Minimal training is required. Operators only need to know how to fill a cylinder in normal fill station operation Easy-to-access components also make it simple to service and repair

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# Charge Stations

# Scott Safety

Scott Safety charge stations are the most innovative on the market, filling breathing air cylinders quickly and easily.

The units are ergonomically designed and come with safety interlocks and gauges (storage-compressor and cylinder), charge and bleed valves as well as a pressure regulator for automatic cylinder charging. Third party tested and certified, including NFPA approval. Options include:

> Cascade panels (2, 3, 4, 5 or 6 banks)
> Auxiliary high & low pressure regulated outlets
> Dual pressure regulators (200 - 310 bar)

## RevolveAir

MARINE | MINING
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INDUST/UTILS | OIL/GAS/CHEM

The revolutionary RevolveAir® charge module provides maximum safety and performance, simultaneously charging and exchanging breathing air cylinders.

> Simultaneously charge cylinders in the protective chamber and exchange two cylinders on the outside
> 33% faster than competitive charge stations

## Guardian

MARINE | MINING
POLICE/MILITARY | FIRE/EMERGENCY
INDUST/UTILS | OIL/GAS/CHEM

This economical unit is a complete, total containment breathing air cylinder charging module featuring rigid charge adapters and a host of safety features.

> Rigid charge adapters
> Containment for two cylinders
> Auxiliary outlets: unregulated back, regulated front

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# Fast Fill Stations

# Wormald

## Transportable Compressed Air Breathing Apparatus (CABA)

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INDUST/UTILS | OIL/GAS/CHEM

Wormald's Transportable Compressed Air Breathing Apparatus (CABA) recharging facility is for use in emergency situations. While breathing via a SCBA , the user can connect to the fast fill station and rapidly recharge their cylinder to 300 bar in about 60 seconds. The user is able to continue working or, fire fighting while recharging their CABA unit.

> Intrinsically safe, pneumatically controlled operation
> Suitable for toxic, oxygen deficient or contaminated atmospheres
> High performance fully automatic 4-stage cascade system
> High quality "stainless steel" tubing and fittings
> Superior cylinder pod for multiple cylinders (up to 20)
> Large removable maintenance access panels
> Filling panel with 1 – 5 outlets
> Engineers Certification for QDS attachment and stability test
> Options: CABA cache and stowage for rescue tools and equipment, quick detachment system, first response kit
> Special builds & custom models available

## CABA storage stations

MARINE | MINING
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INDUST/UTILS | OIL/GAS/CHEM

Wormald's Breathing Apparatus storage stations store up to 21 CABA units. The units can be easily recharged and conveniently and safely stored, ready for immediate access when they are needed.

> Continuous welds and seals to minimise dust or moisture entry
> Large doors on the side of the station allows for easy access
> QDS attachment fitted

## Contact Us

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