

COMPRESS

EDITION

2019

AUTUMN





A LETTER FROM THE MD

Welcome to the Autumn edition of Compress.

Summer provided us with a powerful reminder of the temperature extremes the Australian climate can deliver. The BOM announced that 2018-2019 was the hottest summer on record.

With higher average temperatures it is more important than ever that your stationary or portable air compressor is able to operate reliably in high ambient temperature conditions. In many

facilities if the air goes off, production stops. Talk to your Sullair Sales or Service representative to arrange an obligation free site visit to discuss your compressed air needs.

SULLAIR SPECIALS*

185A PORTABLE COMPRESSOR

Floor stock of the 185A Portable Compressor is available now. Pumping 185 cfm at 100psig in the toughest, dirtiest, dustiest, hottest environments. It's our anywhere, reliable workhorse.

OIL FREE SRL SCROLL COMPRESSORS

Suitable for continuous operation at low noise levels, innovation of this calibre won't last long in stock. With the widest range available in the market (from 1.5kW to 33kW) and the bonus of immediate delivery contact us today.

HIGH PRESSURE COMBO PORTABLE UNITS

Working in hot and humid environments? After fuel efficiency? With 900 - 1525 cfm at 300 - 500 psi, this range is in stock and has you covered.

Don't miss out on these rare opportunities. **Call 1300 266 773**

**Conditions apply. For more details contact Sullair.*

COMPRESSED AIR IN WATER TREATMENT AND SEWAGE

Access to water and sanitation is a pre-requisite to achieving a minimum standard of health.

Water plays a key role enhancing agricultural and industrial productivity. Without adequate, safe and affordable water and sanitation, billions of people are unable to lead healthy lives and lack the ability to build secure livelihoods.

Waste water treatment is the process of removing unwanted contaminants from waste water and allowing the treated water to be reused, thereby conserving a valuable resource.

Compressed air plays an important part in the water treatment and sewage industry. It's used for agitation to keep suspended solids from settling and is used for aeration of water to promote growth of bacteria for processing. Other applications include instrumentation, desalination, used with slurry pumps and washing plants.

Sometimes a blower is used instead of a compressor. The factors/variables that need to be considered when deciding on a compressor or blower depends on depth of tanks and amount of suspended particulates. This selection can have an impact in energy consumption and costs associated with maintenance.

Other factors that should be taken into account are:

1. Capital and life cycle costs:

The capital cost for an air compressor purchase is typically around 10-11% of the lifecycle cost. Energy on the other hand accounts for over 75% of the costs over the life of the compressor. Selecting an energy efficient compressor will save money over the long run even if the initial purchase price is high.

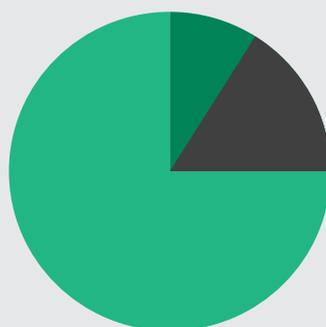
2. Reliability: Most of the sites where compressors are installed in the treatment plant are remote and it becomes necessary to have a reliable compressor.

3. Installation: Water Treatment plants don't always have a compressor room. Sullair can supply compressors that are suitable for outdoor installation with IP65 protection.

4. Monitoring and access to data: The remoteness of the compressor

location means it isn't possible for the operator to constantly monitor the performance. Compressors from Sullair come equipped with Modbus connectivity that lets customers monitor the compressor from their centralised control room. Moreover, the optional AirLinX remote monitoring system can send details of the machine condition and alert operators of warnings, unplanned breakdowns and scheduled maintenance intervals.

From Oil Injected screw compressors, screw compressors, Piston compressors, Scroll compressors and a range of accessories from air receivers, dryers and filters, Sullair has a solution to any application in the water treatment plant.



Life Cycle cost of air compressors

- Energy cost 75%
- Capital purchase 10%
- Maintenance 15%

WHY THE GRICKS FAMILY CHOSE MUDGEE.

The Gricks family originally came to Mudgee to do what was meant to be a 3 week job. That was 15 years ago.

Gricks Drilling is now run by Glen Gricks, son of the original owner, BJ Gricks. Late last year they bought a new unit from Sullair, so we wanted to catch up with him for a chat about the business and how things were going generally.

Farming, tourism and coal mining – side by side.

According to a survey completed on booking travel online, Mudgee was recently voted number one in Australia as a top spot for food and wine.

Just outside of town you'll see picturesque rolling hills of grape vines and the main street is dotted with trendy cafes and even a Michelin hatted restaurant. So besides the work, it's easy to see why the Gricks family decided to stay.

Holes ain't holes

Hammer drilling 12 inch holes down to 200-300 metres can be challenging work. You can be confronted by a variety of different ground conditions and down-hole pressures. You're likely to find water at different points in the hole, and Paleo... don't get Glen started on Paleo (Sand and Gravel overburden). Even with the best equipment, it can slow him down to just 12 metres a day.

The new Sullair unit

When Glen decided he needed a new air compressor last year he pretty much knew what he wanted. He'd done his homework on the 900/1150 CFM 500/350 psi combo – effectively two units in one – which delivered both high capacity/ high pressure and low capacity/low pressure air simply by flicking a switch. He recalls the sales conversation went something like, “Do you have one in stock? How much is it? Gee, that's a lot. I'll take it.”

He then proceeded to invest in a customised tri-axle trailer to transport it from site to site.

Not easily impressed.

Let's just say that Glen is a straight talker. He is not the type who is easily impressed. So we were very happy with his appraisal of his new Sullair Combo unit. He's had other Sullair units so he was able to compare. “It's quieter, it's got the after cooler, it's more fuel efficient and it's mine compliant straight up,” he said. “A client looked at it the other day. Checked it out. Nodded and said ‘Nice machine.’”

That pleased Glen. And us.



PRODUCT FEATURE

THE CSI SERIES

The Sullair CSI series are designed for maximum efficiency, offering power, reliability and safety.

Created and assembled locally to withstand harsh Australian conditions, they're suited to ambient temperatures of up to 50°C, can handle humidity and dust, and include dirty environment packs as standard.

Highest quality components and a range of optional extras ensure your unit lasts longer, while easy servicing procedures minimise downtime.



PRODUCT BENEFITS



Space saving design for a smaller footprint



Hassle-free service with an easy-access enclosure



Ensures a clean operating environment with oil emissions below 2-3 ppm



Everyday quiet achievers

SPECS

MODEL	MAX PRESSURE		CAPACITY - FREE AIR DELIVERY			MOTOR RATING		NOISE LEVEL dB(A)	DIMENSIONS	APPROX WEIGHT	AIR OUTLET DISCHARGE SIZE
	PSI	BAR	L/S	M ³ /MIN	CFM	KW	HP		L x W x H (mm)	kg	
CSI 7.5	116	8	17.2	1.0	37	7.5	10	69	860 x 560 x 940	240	3/4" BSPF
	145	10	15.1	0.9	32						
	189	13	12.0	0.7	26						
CSI 11	116	8	24.5	1.5	52	11	15	70	860 x 560 x 940	240	3/4" BSPF
	145	10	21.2	1.3	45						
	189	13	18.4	1.1	39						



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