

KAESER Kompressoren

Compressed air demand in Australia

Initial situation

New South Wales is a state in southeastern Australia with Sidney as its capital. New South Wales was discovered by the English navigator Captain James Cook in 1770. The name goes back to him because he compared the landscape forms there with those of South Wales and thus gave the first British colony in Australia its name.

Sidney is the headquarters of a KAESER Compressors customer who specialises in tyre and rim repair. The customer offers a professional service with a corresponding quality guarantee. Safety is a major concern when repairing a damaged magnetic wheel. Therefore, each alloy wheel is worked on by hand by a technician. Compressed air is used here: be it for inflating the tyres, driving the pneumatic tools or painting the repaired rims.

Solution statement

- KAESER used two AIRCENTER SM 12 units for this project, which are controlled and monitored by a SIGMA AIR MANAGER multi-machine control system.
- The use of AIRCENTER systems increases efficiency and minimises internal pressure losses.
- AIRCENTER compressed air systems are equipped with a high-performance screw compressor, a refrigeration dryer and a compressed air receiver in a compact housing.
- Integrated SIGMA CONTROL 2 controls the compressor.



Customer value

- Efficient and environmentally friendly use of compressed air on a minimal footprint
- Compact Aircenter units are energy-saving and low-noise
- Sigma Control 2 control system enables reliable and oriented operation monitoring
- Variable cutting speeds increase flexibility
- User-friendly system design makes all maintenance points easy to achieve



Screw compressor Compressed air preparation Control system

Challenge

The company, which was founded 17 years ago, decided to move to a larger building. The owner's premise here was to invest in a high-quality and reliable compressed air system in order to be able to offer customers at the new company location a professional service with consistent quality.



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