



**LUNO
SYSTEMS**

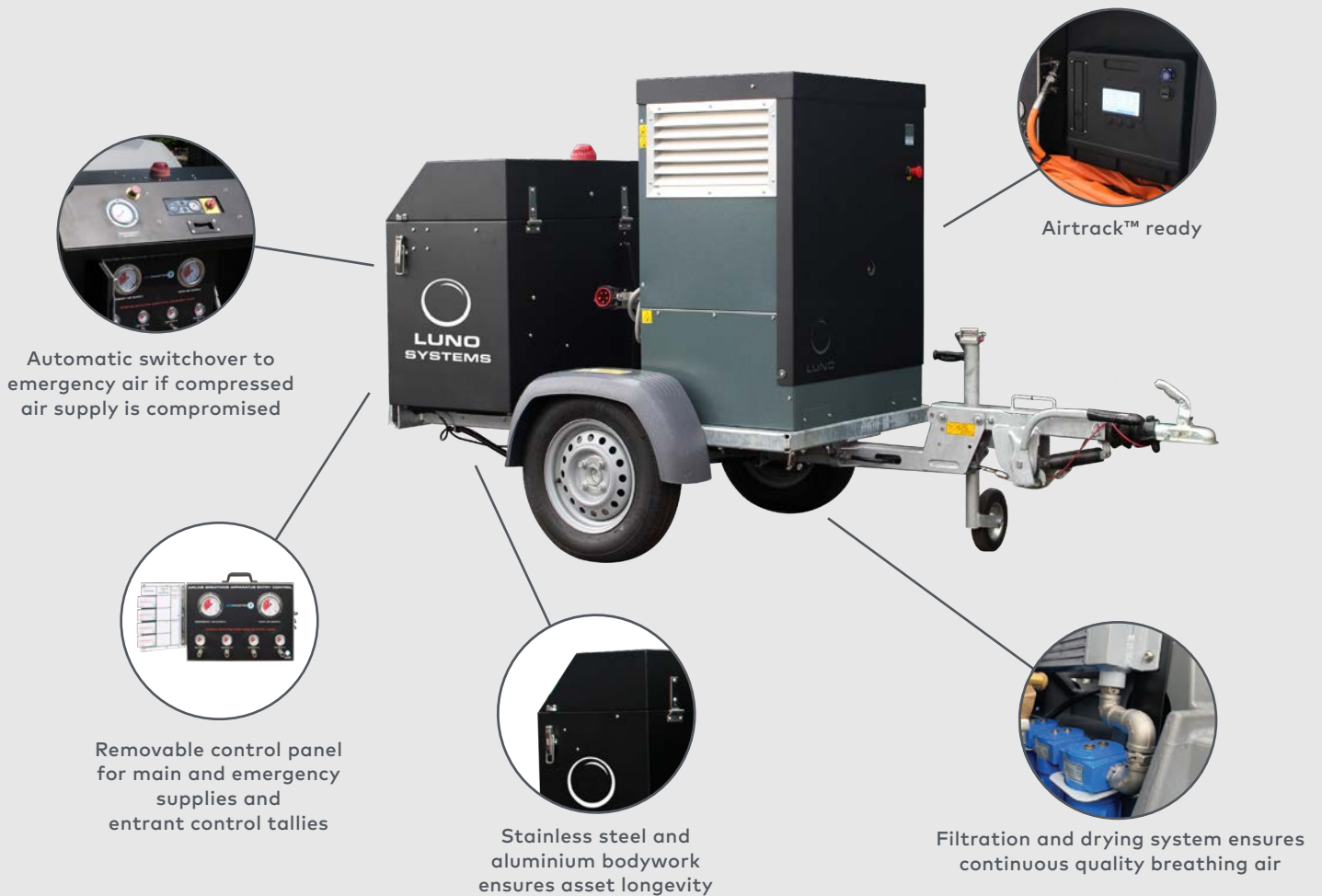
BAC-e SERIES

BREATHING AIR COMPRESSOR SERIES



PUREAIR™

FEATURES



Trailer mounted compressor providing continuous, reliable and quality breathing air for long duration projects

Using the proven simplicity and reliability of the BAC1000 diesel unit, the BAC-e offers the same benefits, but in an electric version. Constructed to meet the requirements of EN139/EN14594 for Airline Breathing Apparatus, units produce high-purity air to the EN12021 standard.

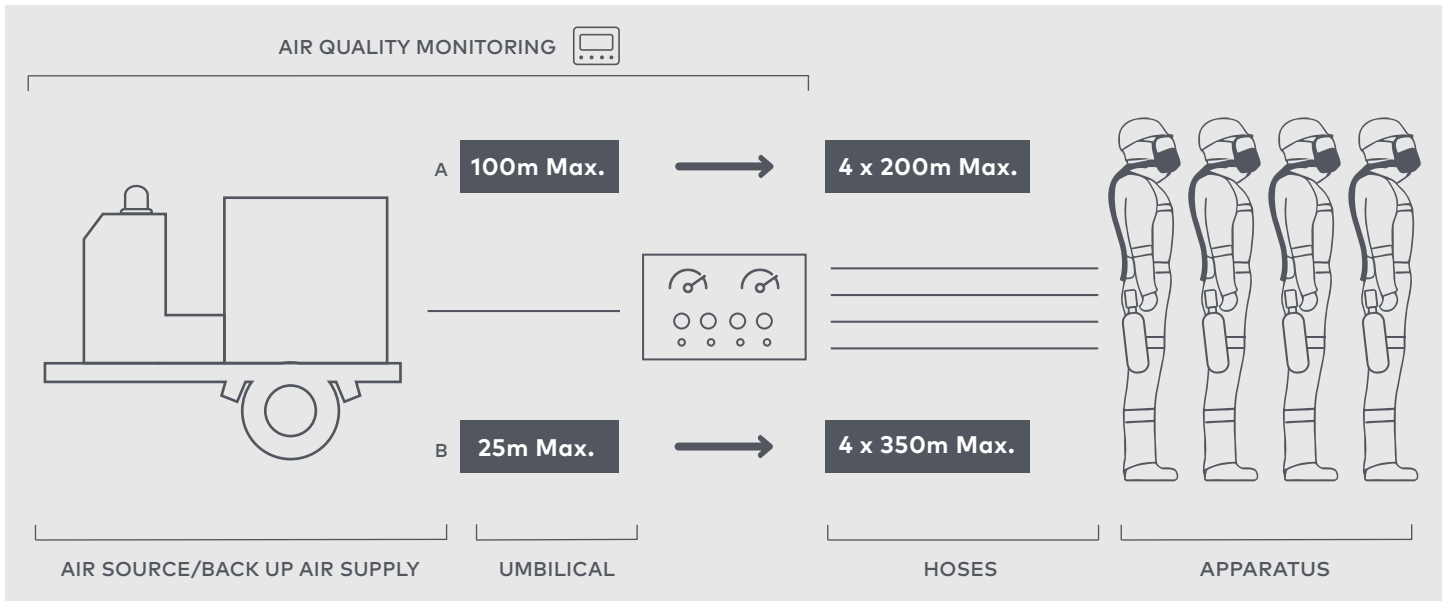
In addition to delivering compressed air, a high-pressure 300bar cylinder bank provides a secondary air supply that automatically operates in the event of the main supply failing. If the main supply should fail, an alarm will simultaneously activate by giving an audible and visual warning.

Unique to these compressors is the control panel, which can be removed from the trailer and positioned remotely to just outside the work zone, and provide means of entry control for the users.

The BAC-eHV version is a higher air delivery unit designed for applications using airtuit's or constant flow supplied air units. Customised versions offering higher air delivery and bespoke built versions are also available.

All units are supplied Airtrack™ ready, so that they can easily integrate continuous air quality

TYPICAL CONFIGURATION OPTIONS



AIR SOURCE

20405	BAC-E ELECTRIC COMPRESSOR TRAILER MOUNTED (50HZ)
20407	BAC-E ELECTRIC COMPRESSOR TRAILER MOUNTED (60HZ)
20408	BAC-E ELECTRIC COMPRESSOR SKID MOUNTED

BREATHING AIR HOSES

See HOSES AND UMBILICALS product sheet

APPARATUS

See AIRSTAR product sheet

BACK UP AIR SUPPLY

20198	300 BAR 9 LITRE COMPOSITE CYLINDER QTY REQUIRED: 4
-------	---

AIR QUALITY MONITORING

See AIRTRACK product sheet



	BAC-e	BAC-eHV
Engine	Electric 15kW 3phase 380/400V 50/60Hz	Electric 15kW 3phase 380/400V 50/60Hz
Compressor	Atlas Copco 85cfm	Atlas Copco 85cfm
After Cooler	Yes	Yes
Filtration	3 stage, coalescing and carbon	3 stage, coalescing and carbon
Compressor Oil	Food grade	Food grade
Size - including chassis arm (mm)	2700(L) x 1300(W) x 1550(H)	2700(L) x 1300(W) x 1550(H)
Gross Weight	560kg	560kg
Back Up Air Supply Capacity	4 x 9.0L 300 bar cylinder	Connection for external
Air Delivery	770lpm	1600lpm
Control Panel	4 user outlet, 25m supply umbilical	4 user outlet, 25m supply umbilical or AS2 Airsuit Panel
Raised Air Intake	Yes	Yes
Chassis	Single axle, braked, ball hitch	Single axle, braked, ball hitch
Dryer	Heatless dessicant, auto-drain	Heatless dessicant, auto-drain
Alarm	Beacon and siren, whistle on control panel	Beacon and siren, whistle on control panel
Certification	EN14593/4 EN12021	EN14593/4 EN12021