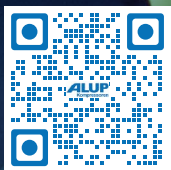


BECAUSE
IMPROVEMENT
NEVER
STOPS



bstAIR 40
AIR & NITROGEN BOOSTERS



Do you work with high-pressure air or nitrogen? Then the ALUP bstAIR 40 is your flexible, reliable booster solution. Just connect it to your compressed air system for a powerful 25- or 40-bar performance with a low Total Cost of Ownership. Two versions and a range of additional equipment and accessories are available to ensure your bstAIR 40 meets your individual requirements.



OUTSTANDING PERFORMANCE

- More air with lower energy consumption.
- Designed for continuous operation.
- Can be used for air and nitrogen applications.

PREMIUM RELIABILITY

- In-house designed booster pump.
- High-quality components.
- Built to perform in extreme conditions.
- Long service intervals.
- Low maintenance costs.

A COMPLETE SOLUTION

- 25-bar and 40-bar models available.
- Standard (ST) version is a robust and reliable solution for industrial applications.
- Full Feature (FF) comes with integrated aftercooler to meet your quality air demands.
- Range of additional equipment and accessories.



THE BENEFITS OF A BOOSTER

Why use a compressor and a booster to generate high-pressure air or nitrogen? Because it is your most flexible and cost-efficient solution. All-in-one high-pressure compressors typically use more energy. In addition, you cannot use them for your standard compressed air applications. In a compressor + booster system, you can use your compressor for other purposes as well.



THE VERSATILE **HIGH-PRESSURE AIR AND NITROGEN SOLUTION**

The bstAIR 40 is the ideal solution for a wide range of 25/40-bar applications:

- PET BOTTLE BLOWING
- LASER CUTTING
- PLASTICS FORMING
- PRESSURE TESTING

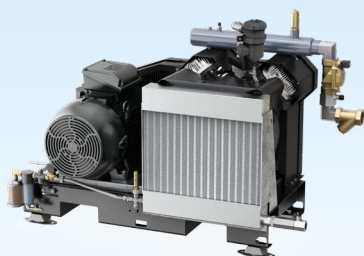


A FLEXIBLE OFFER



STANDARD | Strong performance

FULL FEATURE | + Quality air



In-house design element

100% duty cycle

Suitable for air and nitrogen applications

25-bar and 40-bar model for the best performance

Easy to use

Advance Airlogic2T controller

ICONS connectivity

Multiple compressor control (option)

+ Efficient high-pressure aftercooler



NEXT-GENERATION BOOSTER ENGINEERING



STRONG PERFORMANCE

- In-house designed and manufactured booster pump ensures high Free Air Delivery at a lower Specific Energy Requirement.
- Superior productivity thanks to continuous operation (100% duty cycle).
- New reed valves are customized for every model in the range for better performance with lower power consumption.
- IE3 motor with IP55 protection class optimizes energy efficiency and reliability.



LOW TOTAL COST OF OWNERSHIP

- Best match for any application with a wide power range and two pressure variants.
- Full-size, high-pressure aftercooler reduces outlet temperature (FF).
- Integrated ICONS connectivity provides unique data insights and helps minimize operational costs.
- Service parts are strategically placed to allow for quick and easy maintenance. Long maintenance intervals further reduce Total Cost of Ownership.



SUPERIOR RELIABILITY

- Lubrication system with oil channels in the crankshaft provides excellent lubrication of all critical areas.
- Oil-level switch protects the pump and stops the machine in case the oil level drops below its minimum level.
- Integrated inlet particle filter reduces the risk of machine damage.
- Airlogic²T controller offers automatic monitoring of inlet and discharge pressure and temperature, precise regulation, and full insight into operational conditions.





COMPLETE CONTROL

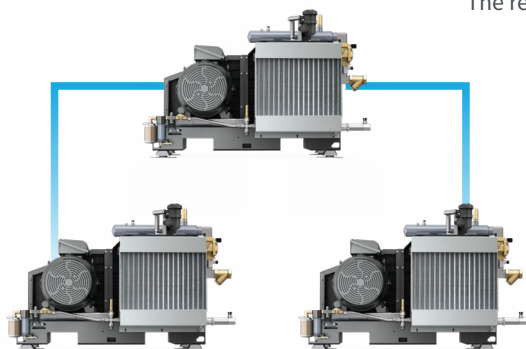
The bstAIR 40 FF comes with the state-of-the-art Airlogic²T touchscreen controller, giving you on-screen and remote insight into the performance of your booster:

- LARGE 4.3" FULL-COLOR TOUCHSCREEN DISPLAY
- 30+ LANGUAGES
- WARNING INDICATIONS AND SHUTDOWN ALARMS
- SERVICE STATUS AND SCHEDULE INDICATION
- ONLINE VISUALIZATION OF RUNNING CONDITIONS
- COMPRESSOR DATA ANALYSIS

ENHANCE YOUR AIR SYSTEM PERFORMANCE WITH THE ECO6i

Are you operating multiple boosters? The bstAIR 40 can be optionally equipped with the **ECO6i** controller functionality to synchronize your different units. The result: a smooth running air system with a low Total Cost of Ownership.

ECO6i



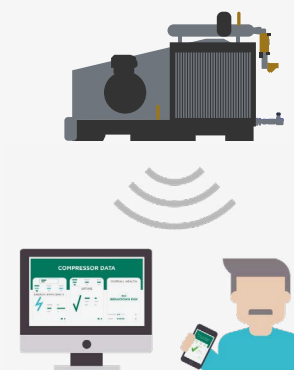
- Generate energy savings by narrowing the operating pressure band.
- Save on maintenance costs and equalize the running hours of your boosters.
- Monitor and control all boosters from one single touchscreen display.
- Optimize your boosters' performance by operating different control schemes.

ICONS

INCREASED UPTIME, POWERED BY ICONS

With the Intelligent CONnectivity System (ICONS), you get data and insights from your machines delivered to your computer, tablet or smartphone.

- Increase the reliability of your machine by identifying problems before they become a threat to the continuity of your production.
- Analyze and optimize your energy consumption and CO₂ emissions.
- Receive high-quality energy reports ensuring the ISO50001 compliance of your site.





ONE SOURCE FOR ALL YOUR AIR NEEDS

ALUP stands ready to meet all of your compressed air needs: From our best-in-class ① compressors to ② air receiver buffer storage, ③ air dryers, ④ line filters, ⑤ oil-water separators, ⑥ boosters, ⑦ high-pressure air receivers, ⑧ high-pressure line filters, ⑨ our own easy-to-install AIRnet piping system, ⑩ and a central controller to manage the entire system.

CUSTOMIZE YOUR bstAIR 40

Additional equipment and accessories are available to tailor your bstAIR 40 to your specific needs:

- TANKS 40 BAR
- HIGH-PRESSURE LINE FILTERS
- HIGH-PRESSURE CONDENSATE DRAINS
- ECO6I LICENSE

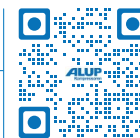


SERVICE KITS

Keep your bstAIR 40 running smoothly with our handy Service Kits. The kits come with a quality guarantee and contain all the original parts you need to optimally service your booster. This will ensure continued reliable performance and a long lifetime for your bstAIR 40.

TECHNICAL SPECIFICATIONS

REQUEST
YOUR
QUOTATION! ←



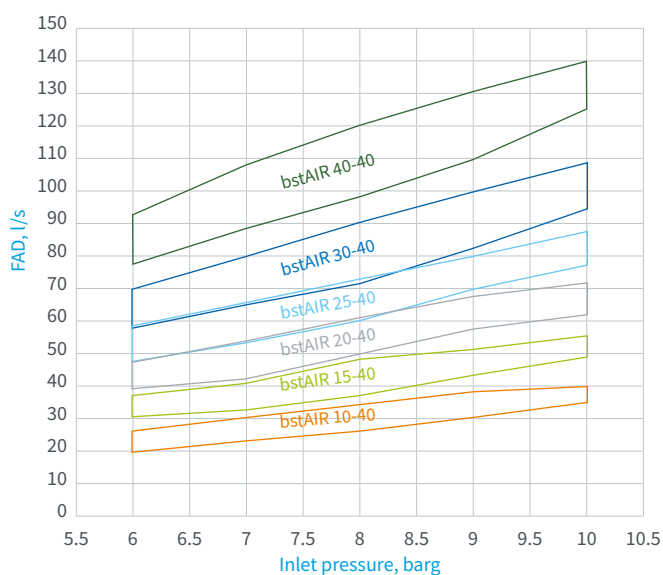
Model	Power		Max. inlet pressure		Max. discharge pressure		Free Air Delivery		Mass ST	Mass FF
	HP	kW	bar	psi	bar	psi	l/s	CFM		
bstAIR 10-40	10	7.5	10	145	40	580	34.7	73.5	310	340
bstAIR 10-25			5	72	25	362	25.6	54.2		
bstAIR 15-40	15	11	10	145	40	580	48.5	102.8	350	380
bstAIR 15-25			5	72	25	362	37.0	78.5		
bstAIR 20-40	20	15	10	145	40	580	63.8	135.3	360	430
bstAIR 20-25			5	72	25	362	48.8	103.5		
bstAIR 25-40	25	18.5	10	145	40	580	77.5	164.2	390	460
bstAIR 25-25			5	72	25	362	65.1	137.8		
bstAIR 30-40	30	22	10	145	40	580	94.2	199.6	430	500
bstAIR 40-40	40	30	10	145	40	580	124.8	264.6	480	550

DIMENSIONS

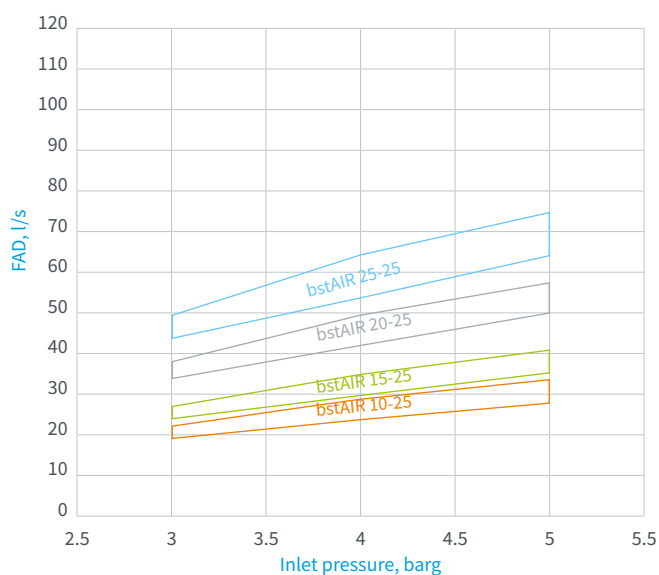
	Length	Width	Height
	mm	mm	mm
Standard (ST)	1533	740	1044
Full Feature (FF)	1533	751	1044

PERFORMANCE

bstAIR 10-40



bstAIR 5-25





Contact your local ALUP Kompressoren representative



Care

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

Trust

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

Efficiency

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.


www.alup.com

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Kompressoren