

# SUCCESS THROUGH QUALITY



bstAIR 40 AIR  
AND NITROGEN BOOSTERS





What do you expect from your booster? How about powerful operation, reliability, efficiency, flexibility, and ease of use? The EKOMAK bstAIR 40 checks all these boxes and then some. Use it to power your high-pressure air and nitrogen applications and enjoy a long lifetime of no-hassle performance and operational savings. To meet your specific requirements, the bstAIR 40 comes in two models and two pressure variants, all of which can be tailored with additional equipment and accessories.



### A VERSATILE BOOSTER

- Can be used for air and nitrogen applications.
- Choice between Standard (ST) and Full Feature (FF) models.
- 25-bar and 40-bar variants.
- Additional equipment and accessories available.



### DEPENDABLE OPERATION

- Powerful pump delivers more air using less energy.
- Works reliably in tough conditions.
- Designed for continuous operation.
- Exceptional reliability for industrial applications.
- Quick and easy maintenance.

## TWO VERSIONS TO MEET YOUR NEEDS

### STANDARD (ST)

Solid booster performance



### FULL FEATURE (FF)

The all-in-one package



In-house designed booster pump: more air, less energy

100% duty cycle

Use it for air and nitrogen applications

25-bar and 40-bar variant

Easy maintenance

+ Full size, high-pressure aftercooler

+ Pressure and temperature sensors

+ Advanced ES4000T controller

+ ICONS connectivity

+ Multiple compressor control (option)

# BOOST YOUR EFFICIENCY

## WHAT IS A BOOSTER?

A booster is a specific type of piston compressor that takes already compressed air and boosts it to reach medium or high pressure. That's because applications such as laser cutting, PET bottle blowing and plastics forming require a higher pressure than a standard air compressor can provide.

## WHY CHOOSE A BOOSTER?

There are a number of ways to produce high-pressure air or gas: a compressor and booster, increasing the pressure of your entire plant, and working with an air amplifier or stand-alone high-pressure compressor. A compressor and bstAIR 40 combination is your most cost-efficient solution. In addition, it allows you to use the compressor for your other pneumatic jobs as well.



## EASY TO RUN AND SERVICE

We know you have no time to lose. That is why we designed the bstAIR to be easy to use and service. The ES4000T controller and its intuitive touchscreen on the FF model offer a host of air system management and monitoring options. Servicing the bstAIR is just as straightforward. Easy access to all mechanical and electrical components ensures swift maintenance with minimal downtime.

## AIR QUALITY



High air quality – including the reduction of air temperature – is of paramount importance to safeguard the longevity of your pneumatic equipment. The bstAIR 40 FF provides this quality air with a high-efficiency aftercooler. Higher levels of purification can be achieved with an optional dryer, line filters and a water separator.

### INTUITIVE CONTROL

The ES4000T controller offers you all the control, monitoring and connectivity features you want and need:



- Large 4.3" color touchscreen display
- 30+ languages
- Warning indications and shutdown alarms
- Service status and schedule indication
- Online visualization of running conditions

## ICONS

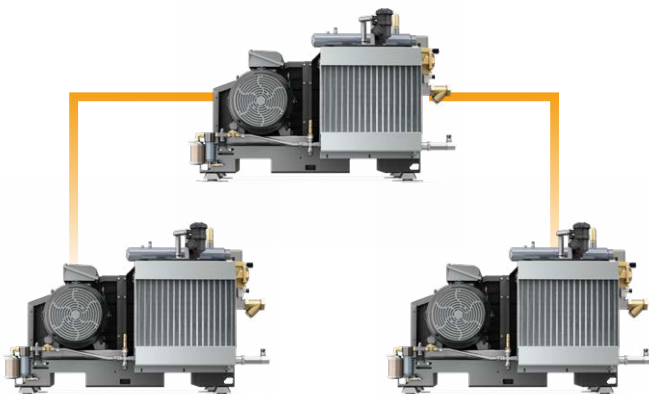
### INCREASED RELIABILITY, POWERED BY ICONS

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

Get **notified** by text or email whenever your machine requires your attention. Control your **maintenance costs** and ensure a longer machine life. Increase the **reliability** of your machine by identifying problems before they become a threat to the continuity of your production.



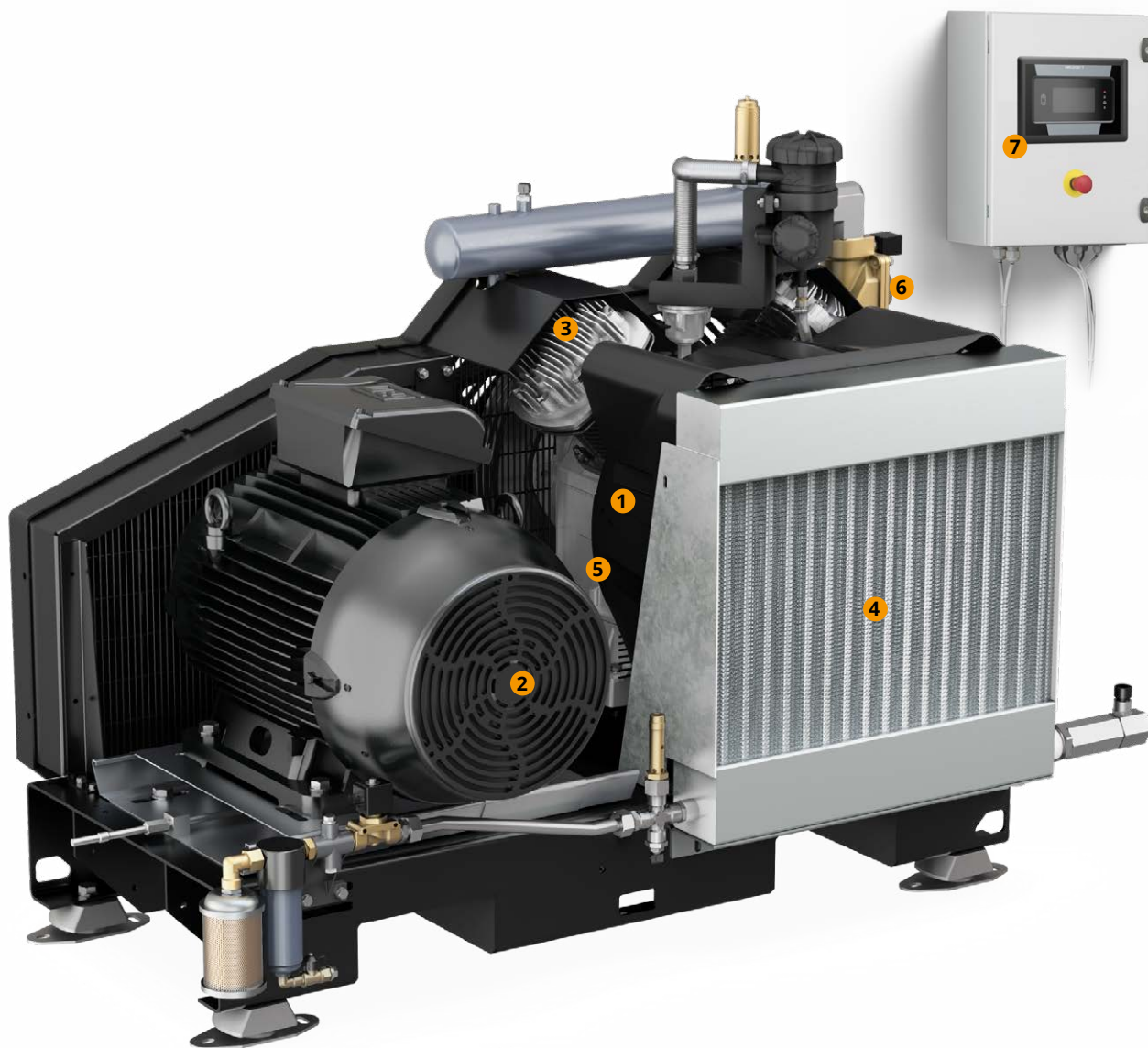
## ECO6i



### ENHANCE YOUR AIR SYSTEM PERFORMANCE WITH THE ECO6I

Are you operating multiple boosters? Synchronize your machines and increase the reliability of your air supply with the **ECO6i** central controller solution. One single touchscreen display gives you a host of air system management options. This includes narrowing down the operating pressure band for maximum energy savings. You can also equalize the running hours of your boosters to save on maintenance costs.

## BUILT FOR HIGH-PRESSURE PERFORMANCE



- 1 In-house designed booster pump ensures higher Free Air Delivery at a lower Specific Energy Requirement.
- 2 IE3 motor with IP55 protection optimizes energy efficiency and reliability.
- 3 New valve system, customized for every model in the range, for better performance with lower power consumption.
- 4 Aftercooler reduces compressed air or nitrogen discharge temperature.
- 5 Oil-level switch stops the unit in case the oil level drops below its minimum level.
- 6 Integrated inlet particle filter reduces risk of machine damage.
- 7 Cubicle with star-delta start lowers current peak during start-up to minimize load on your power network.
- 8 ES4000T controller (FF) offers automatic monitoring of inlet and discharge pressure and temperature.
- 9 Service parts are strategically placed to allow for quick and easy maintenance.

# ADDITIONAL EQUIPMENT AND ACCESSORIES



ECO6i multi-unit control system



High-pressure line filters



High-pressure condensate drains

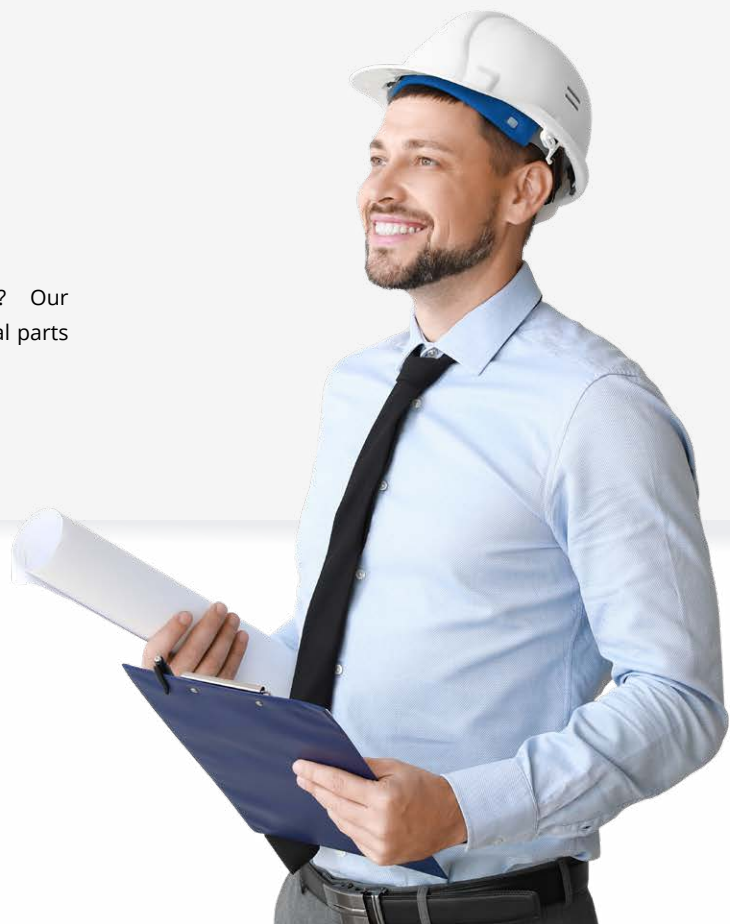


High-pressure receivers



## SERVICE KITS

Looking for hassle-free maintenance? Our certified service kits contain all the original parts to keep your bstAIR in optimal shape.



# TECHNICAL SPECIFICATIONS

## BSTAIR 40

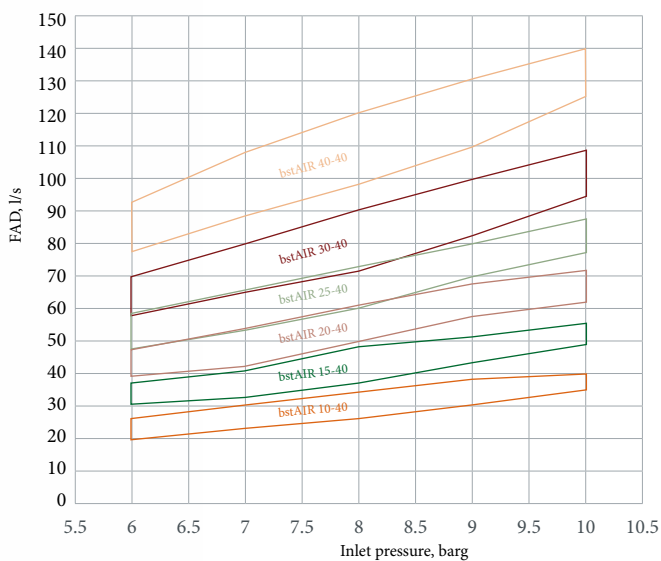
MODEL	POWER		MAX. INLET PRESSURE		MAX. DISCHARGE PRESSURE		FREE AIR DELIVERY		MASS ST	MASS FF
	HP	KW	BAR	PSI	BAR	PSI	L/S	CFM	KG	KG
BSTAIR 10-40	10	7.5	10	145	40	580	34.7	73.5	310	340
BSTAIR 10-25			5	72	25	362	25.6	54.2		
BSTAIR 15-40	15	11	10	145	40	580	48.5	102.8	350	380
BSTAIR 15-25			5	72	25	362	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 30-25			5	72	25	362	77.5	164.2		
BSTAIR 40-40	40	30	10	145	40	580	124.8	264.6	480	550
BSTAIR 40-25			5	72	25	362	102.8	217.8		

## DIMENSIONS

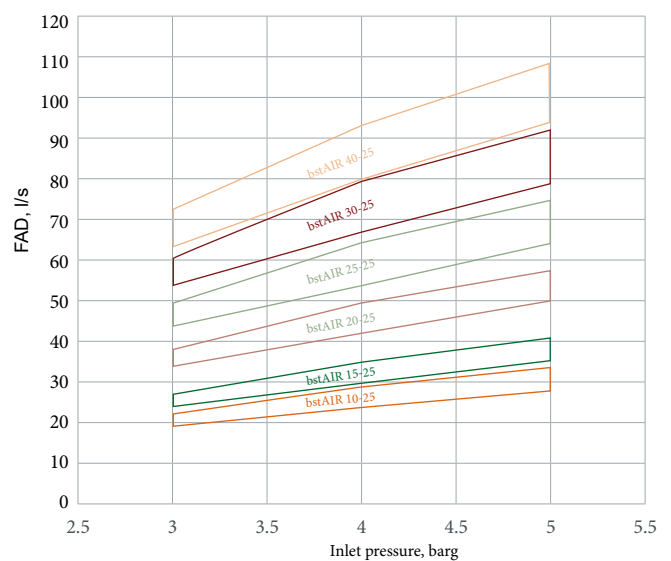
	DIMENSIONS		
	LENGTH	WIDTH	HEIGHT
STANDARD (ST)	1533	740	1044
FULL FEATURE (FF)	1533	751	1044

## PERFORMANCE

bstAIR 10-40



bstAIR 5-25





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Contact your local Ekomak representative now: [www.ekomak.com](http://www.ekomak.com).

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