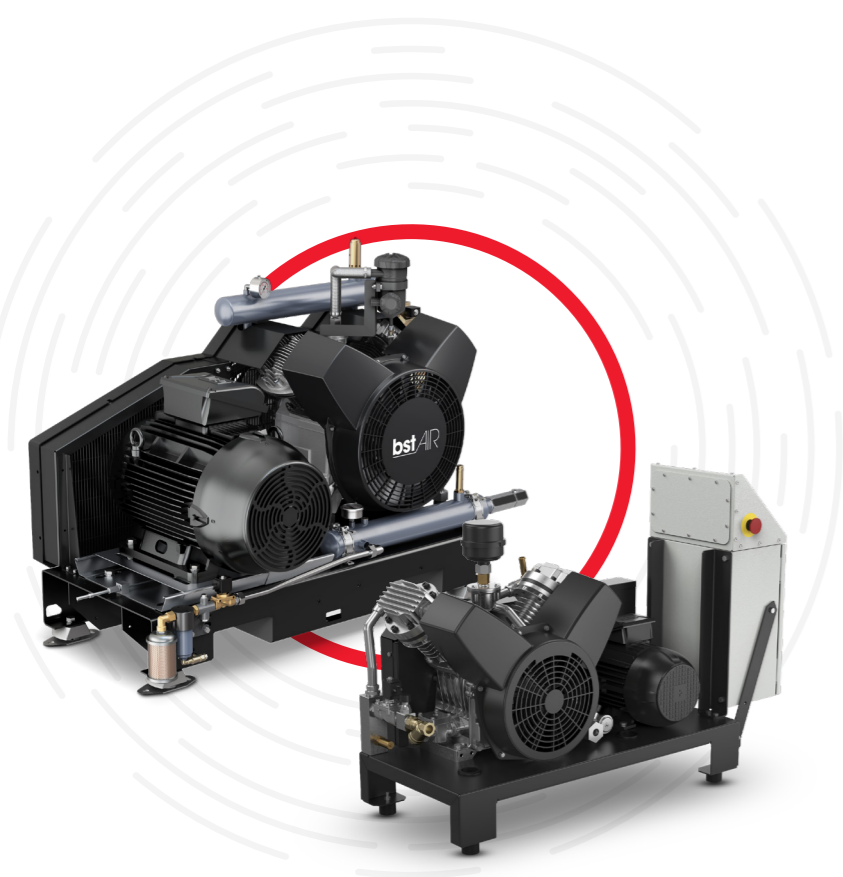




**Solid, simple and  
smart: advanced  
reliability in  
compressed air**

**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 Chicago Pneumatic 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.



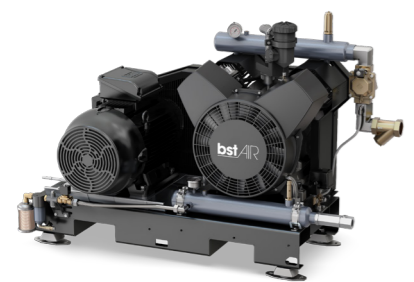
**Dependable operation**

- 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



**Efficient**  
In house pump block  
IE3 motor

**Productive**  
100% Duty Cycle

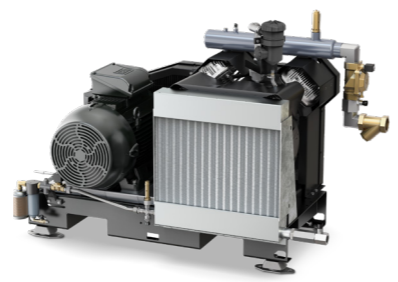
**Reliable**  
Temperature & pressure sensor monitor  
Inlet & outlet collector

**Easy to use**  
Pressure set up on controller  
Easy tensioning motor sledge  
Easy maintenance

**Connectable**  
ICONS connectivity  
Multiple compressor control (option)

**Full Feature (FF)**

The all-in-one package



**+ Outlet temperature: A+ 20° C**

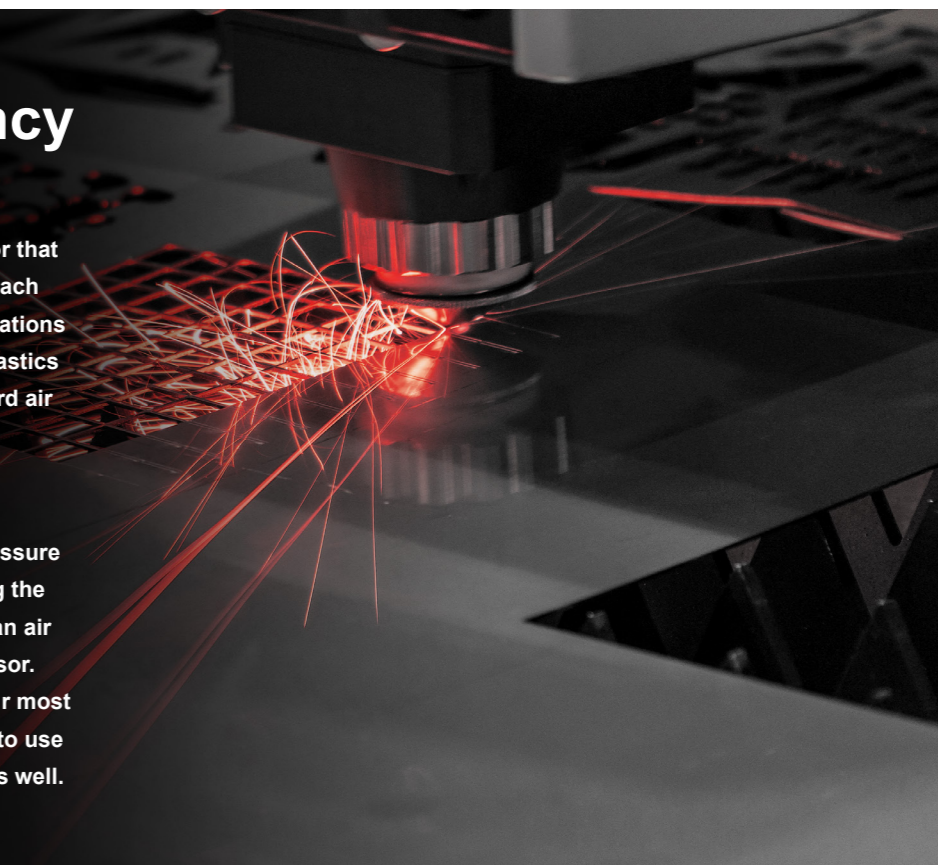
**Boost your efficiency**

**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 ES4000<sup>T</sup> controller and its intuitive touchscreen offers 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 ES4000<sup>T</sup> 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.

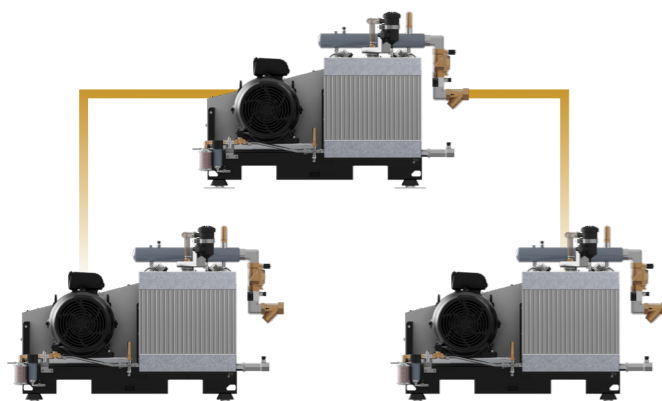
- Get **notified** by text or email whenever your machine requires your attention.
- Control your **maintenance costs** and ensure a longer machine life.
- Increase the **reliability** of your machine by identifying problems before they become a threat to the continuity of your production.



## Built for high-pressure performance



## 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.

- 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 strainer 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 ES4000<sup>T</sup> controller offers automatic monitoring of inlet and discharge pressure and temperature.
- 9 Service parts are strategically placed to allow for quick and easy maintenance.

## Your air and nitrogen partner



Of course you want to get the most out of your bstAIR 40. Extend the Chicago Pneumatic reliability and performance throughout your compressed air system with our compressors, boosters, air dryers, (high-pressure) line filters, water separators, (high-pressure) air receivers, and our AIRnet piping system.



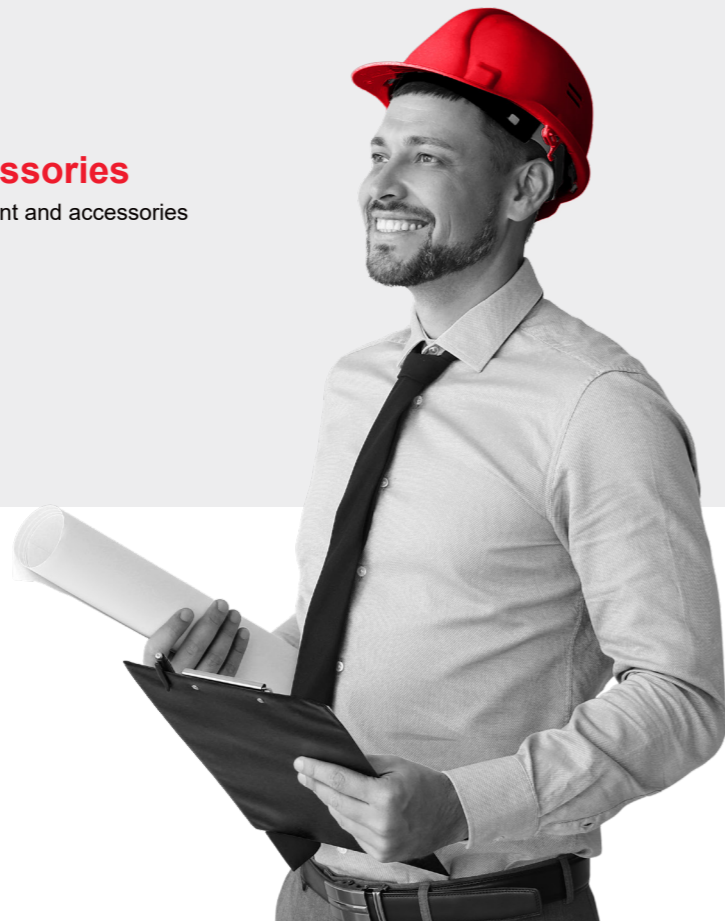
### Additional equipment and accessories

The bstAIR 40 comes with a range of optional equipment and accessories to meet your specific or additional requirements:

- Tanks 40 bar
- High-pressure line filters
- ECO6i license

### 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	Inlet pressure		Outlet pressure		Maximum FAD@50&60HZ			Motor power		Dimensions (L x W x H in mm)		Net Weight (kg)		
	Barg	Psig	Barg	Psig	l/s	cfm	m³/hr	kW	hp	ST	FF	ST	FF	
BstAIR10-25	2-5	29-72.5	10-25	145-362.5	28.5	60	102	7.5	10	1600x790x1070	1660x790x1070	302	332	
BstAIR15-25					35.3	75	127	11	15			342	372	
BstAIR20-25					49.8	105	179	15	20			352	422	
BstAIR25-25					64.2	136	231	18.5	25			382	452	
BstAIR3-40	6-10	87-145	15-40	217.5-580	9.0	19	32	2.2	3	1080x420x770	N/A	120	N/A	
BstAIR5-40					15.3	32	55	3.7	5			120	N/A	
BstAIR10-40			20-40	290-580	290-580	34.7*	73*	125*	7.5	10	1600x790x1070	1660x790x1070	302	332
BstAIR15-40						48.5	103	174	11	15			342	372
BstAIR20-40						63.8	135	229	15	20			352	422
BstAIR25-40						77.5	164	278	18.5	25			382	452
BstAIR30-40						94.2	199	338	22	30			422	492
BstAIR40-40						124.8	264	448	30	40			472	542

#### Notes:

\*FAD is 36.9 l/s, 78 CFM and 133 m³/hr @60 HZ

FAD is based on max inlet pressure & max outlet pressure

FAD is tested based on ISO 1217 Ed4 2009





At Chicago Pneumatic we have a passion for performance and long-lasting partnerships. Since 1901, we have been committed to reliability based on technology and trust.

A large, stylized graphic of a fingerprint, composed of numerous red, curved lines that form the ridges and valleys of a fingerprint, set against a black background.

**People. Passion. Performance.**

For more information, please contact your CP partner:

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.

[www.cp.com](http://www.cp.com)

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