BAESIN

High Pressure.

Pressure Boosting • High Pressure Control

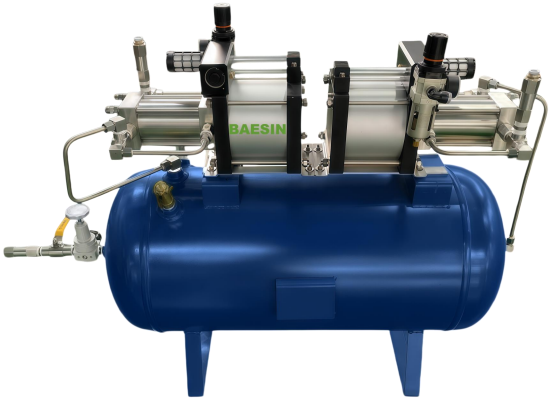
Testing Equipment • Hydraulics • Pneumatic













» Air driven high pressure pumps and stations for Air

Pressure up to 80 bar (1,160 psi).

Content

Content:	Page:
BAESIN introduction	3-4
Overview and Typical Applications	5
Pneumatic Booster Pumps for Air	
— BPGA Series	6
— BPCA Series	6
Pneumatic Booster Stations for Air	
Composition of the Booster Station	7
— BSGA Series	8
— BSCA Series	8
Customized Solution	9

BAESIN Introduction

Why We Were Founded?
Are you experiencing any of these frustrations?

Selection Stage:

- You browse through brochures from multiple factories, but no one can accurately understand your actual operating conditions and parameters. The solutions they offer are always “close enough” rather than truly “right for you.”
- The factory sales team doesn’t understand the technology, and the technical team doesn’t communicate directly with clients – messages get distorted layer by layer.
- Your inquiries go unanswered, and the few factories that do respond give you only a quotation without a detailed proposal and parameters, so you have no way to judge if the solution is really applicable.

Pricing & Trust:

- The same piece of equipment can be quoted 30% or even 50% higher by different factories. You can’t tell whether the difference comes from material quality, configuration cuts, or simply inflated pricing.
- Factories claim to have “export qualifications” or “experience with similar projects,” but they cannot provide actual case studies or customs records.
- When you ask for real factory videos or production progress updates, they always make excuses like “the workshop isn’t accessible right now” – you can’t verify their authenticity.

Quality, Delivery & Shipping:

- After production, there are no test videos. You only get a photo of the finished product just before shipment, so you can’t confirm whether the equipment runs properly and meets standards.
- The agreed delivery date is delayed again and again, with excuses always being “too many orders” or “we’re rushing it,” but you have no way to verify.
- The shipping solutions offered by the factory are overpriced, but finding a freight forwarder on your own is too complicated.
- Upon arrival at the destination port, you open the container and find that the nameplate parameters don’t match the contract, accessories are missing, or damage has occurred during transit – yet the factory blames the logistics provider.

After-Sales & On-Site Support:

- When equipment fails during commissioning, remote guidance from the factory is slow, vague, or sometimes nonexistent – they simply stop replying.
- If you need an engineer for on-site installation or training, the factory refuses citing “visa difficulties” or “high travel costs,” or quotes a price far above market rates.
- During the warranty period, a fault requires you to ship the faulty part back for inspection-the round-trip can take months, and the production downtime loss far exceeds the equipment’s value.
- When you need upgrades or modifications, the original factory has already stopped production or switched product lines, and you can’t find anyone to discuss technical details.

BAESIN Introduction

Why We Were Founded?
Are you experiencing any of these frustrations?

Hidden Risks:

- Only after payment does the factory tell you that "this model needs customization," but the contract doesn't specify the detailed parameters, leaving you with no basis for any future disputes.
- Language and cultural differences lead to misunderstandings on technical specifics – for example, "explosion-proof rating" or "sealing material" – both sides may interpret them differently.
- The factory serves multiple large clients at the same time, and your small-batch order is pushed to the back of the production line – you are always the lowest priority.
- When you need third-party inspection or certification documents, the factory cannot provide complete paperwork, causing demurrage charges at the port.

Our Value – Helping You Avoid All the Hidden Pitfalls:

We are not middlemen or resellers – we are your technical procurement partner overseas.
We have deep expertise in pneumatic pressure boosting equipment, know the factory landscape inside out, and are skilled in export processes. With our professional capabilities, we offer you:

1. **Precise Matching:** Based on your specific operating conditions, we precisely provide suitable solutions for your comparison and selection.
2. **Contract Assurance:** We lock in all contract details – configuration, materials, delivery date – in black and white and fully traceable. We sign a legally binding domestic contract with the factory, eliminating the risk of default.
3. **End-to-End Quality Control:** After production is completed, we take photos of the equipment appearance, record operational test videos, and itemize the equipment and accessory quantities. We then provide a complete checklist and test run report.
4. **Optimized Logistics:** We compare multiple partner freight forwarders, and on the premise of ensuring transit time and service quality, we offer you the most cost-effective shipping solution.
5. **Rapid After-Sales:** We provide prompt online after-sales support. For replacement parts within the warranty period, we ship them free of charge within 1–3 days. If on-site support overseas is required, we can arrange business travel as soon as possible (travel and labor costs are reimbursed at actual expense).
6. **Transparent Costing:** For replacement parts outside the warranty period, we charge only the parts cost and shipping – no markup for profit.
7. **Long-Term Backing:** We maintain complete records of all orders. For future maintenance, even if the original factory no longer supports the equipment, we can still source suitable replacement parts in the Chinese market – we are always your technical backbone.

Pneumatic Booster Pumps/Stations for Air

Overview:

BAESIN Air Booster Pumps/Station are specifically designed for applications requiring low air pressure. Using standard compressed air as a power source, they effectively boost pressure from 2-8 bar(29-116 PSI) of compressed air to a maximum of 80 bar(1160PSI).

They are widely used in industries requiring insufficient pressure boosting, such as mold injection molding, hot runner systems, electronic product pressure testing, high-pressure blow molding, robotic arms, CNC pneumatic clamping cylinders, various destructive pressure testing methods, and pneumatic clamps.

Typical Applications:



Pneumatic Fixtures



Pneumatic Molding



Pneumatic Cylinders



CNC Machine



Pneumatic Robotic Arms



Laser Cutting Machine

Pneumatic Booster Pumps for Air

BAESIN BPGA Series



- With one air inlet as both drive air and pressurized air
- For operating pressures up to 24 bar (348 psi)
- Drive air 3-8 bar(43.5-116 psi)

Type	Pressure ratio	Max working pressure [bar]	[psi]	Connections: Drive air	Air inlet	Air outlet	Max. Flow [L/min]
BPGA02	1:2	16	232	PT 3/8	PT 3/8	PT 3/8	513
BPGA03	1:3	24	348	PT 3/8	PT 3/8	PT 3/8	420

BAESIN BPCA Series

- High flow
- For operating pressures up to 80 bar (1,160 psi)
- Drive air 3-8 bar(43.5-116 psi)



BPCA02-03

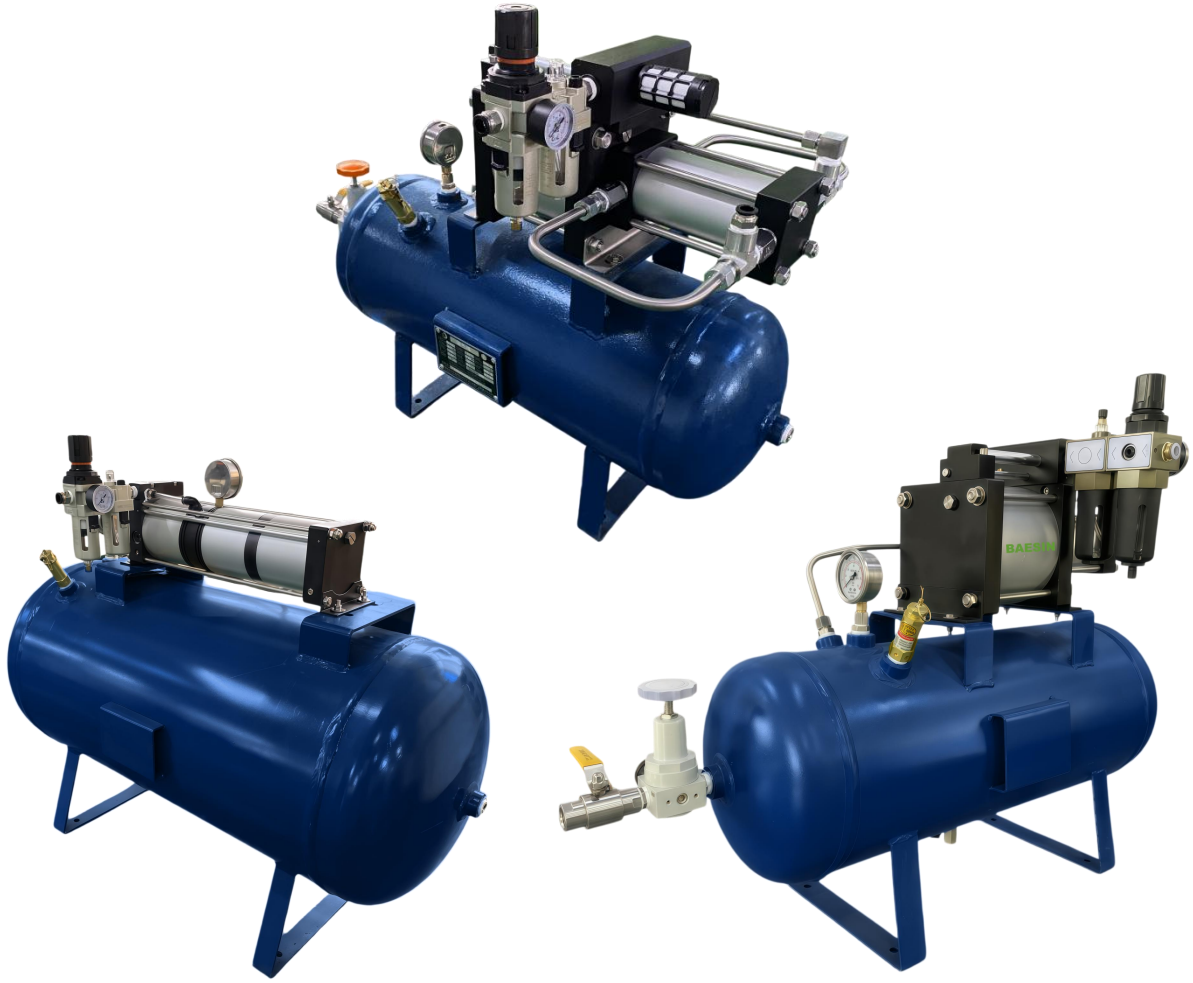


BPCA04-10

Type	Pressure ratio	Max working pressure [bar]	[psi]	Connections: Drive air	Air inlet	Air outlet	Max. Flow [L/min]
BPCA02	1:2	16	232	G 1/2	PT 1/2	PT 1/2	1450
BPCA03	1:3	24	348	G 1/2	PT 1/2	PT 1/2	1200
BPCA04	1:4	32	464	G 1/2	PT 1/2	PT 1/2	493
BPCA05	1:5	40	580	G 1/2	PT 1/2	PT 1/2	410
BPCA07	1:7	56	812	G 1/2	PT 3/8	PT 3/8	274
BPCA08	1:8	64	928	G 1/2	PT 3/8	PT 3/8	241
BPCA10	1:10	80	1,160	G 1/2	PT 3/8	PT 3/8	225

Pneumatic Booster Stations for Air

BAESIN Pneumatic Booster Stations for Air



Composition of A Standard Air Pressure Booster System:

- Air Booster Pump
- Drive Air Regulator + Filter + Lubricator
- Air Tank: 20L / 40L (Optional)
- Drive Air Switch
- High Pressure Needle Valve, High Pressure Gauge
- Safety Valve, Pressure Reducing Valve

Pneumatic Booster Stations for Air

BAESIN BSGA Series

- **For operating pressures up to 24 bar (348 psi)**
- **Drive air 3-8 bar(43.5-116 psi)**

Type	Pressure ratio	Max working pressure [bar]	[psi]	Connections: Drive air	Air inlet	Air outlet	Max. Flow [L/min]
BSGA02	1:2	16	232	PT 3/8	PT 3/8	PT 3/8	513
BSGA03	1:3	24	348	PT 3/8	PT 3/8	PT 3/8	420

BAESIN BSCA Series

- **High flow**
- **For operating pressures up to 80 bar (1,160 psi)**
- **Drive air 3-8 bar(43.5-116 psi)**

Type	Pressure ratio	Max working pressure [bar]	[psi]	Connections: Drive air	Air inlet	Air outlet	Max. Flow [L/min]
BSCA02	1:2	16	232	G 1/2	PT 1/2	PT 1/2	1450
BSCA03	1:3	24	348	G 1/2	PT 1/2	PT 1/2	1200
BSCA04	1:4	32	464	G 1/2	PT 1/2	PT 1/2	493
BSCA05	1:5	40	580	G 1/2	PT 1/2	PT 1/2	410
BSCA07	1:7	56	812	G 1/2	PT 3/8	PT 3/8	274
BSCA08	1:8	64	928	G 1/2	PT 3/8	PT 3/8	241
BSCA10	1:10	80	1,160	G 1/2	PT 3/8	PT 3/8	225

Customized Solution

Example:

Air pressure booster stations consisting of two(three) air pressure booster pumps with the same boost ratio connected in parallel to increase flow capacity.

