BAESIN

High Pressure.

Pressure Boosting • High Pressure Control

Testing Equipment • Hydraulics • Pneumatic











» Screw Type Air Compressor

Pressure up to 16 bar (232 psi)

Flow rate up to 1600 L/min

Screw Air Compressor

Overview:

To get the most out of your pneumatic booster pumps/stations, we recommend pairing it with a reliable screw air compressor. These compressors serve as the ideal power source, ensuring your booster operates at peak efficiency.

Here is why a screw air compressor is the perfect partner for your BAESIN pneumatic booster pumps/stations:

- **Continuous, Pulsation-Free Operation:** Screw compressors deliver a smooth, continuous flow of air with minimal pulsation and vibration. This steady supply is critical for the stable and reliable operation of your pneumatic booster.
- **Designed for 24/7 Reliability:** Built for heavy-duty industrial demands, these compressors are engineered for continuous, round-the-clock operation, making them a reliable partner for your most demanding applications.
- **Low Maintenance & Long Service Life:** With fewer wearing parts, rotary screw compressors require less maintenance compared to other types. Their robust design ensures a long service life—often 8-10 years or more.
- **Energy Efficient & Cost-Effective:** While the initial investment may be higher than some alternatives, screw compressors are significantly more energy-efficient in continuous operation. This efficiency, combined with lower maintenance costs, leads to substantial long-term savings. Additionally, with advancements in manufacturing, these compressors are now more affordable than ever.
- **Compact & Quiet:** Their compact footprint saves valuable floor space, and they operate at lower noise levels than piston-type compressors, creating a better work environment.

By choosing a BAESIN booster and a quality screw compressor, you are investing in a powerful, efficient, and durable solution for your high-pressure needs.

Screw Air Compressor

Four-in-one Type



Parameters:

Type	Power [kw]	Pressure Range [bar]	[psi]	Flow Rate [L/min]	Weight [kg]	Dimensions (L*W*H mm)
BAC-7.5V/10HP	7.5	6 - 13	87 -188	1200	370	1650*720*1530
BAC-11V/15HP	11	6 - 16	87 - 232	1600	420	1720*760*1620

Screw Air Compressor

Separate Type



Parameters:

Type	Power [kw]	Free Air Delivery [bar]	Discharge Pressure [L/min]	Lubricant [L]	Noise Level [Db]	Starting Method	Net Weight [kg]	Dimensions (L*W*H mm)
BAC-10A	7.5	7 8 10 12	1200 1100 900 700	3.7	62±2	Direct Starting	223	860*730*960
BAC-15A	11	7 8 10 12	1600 1500 1300 1100	10	64±2	Star Delta Starting	315	940*800*1075

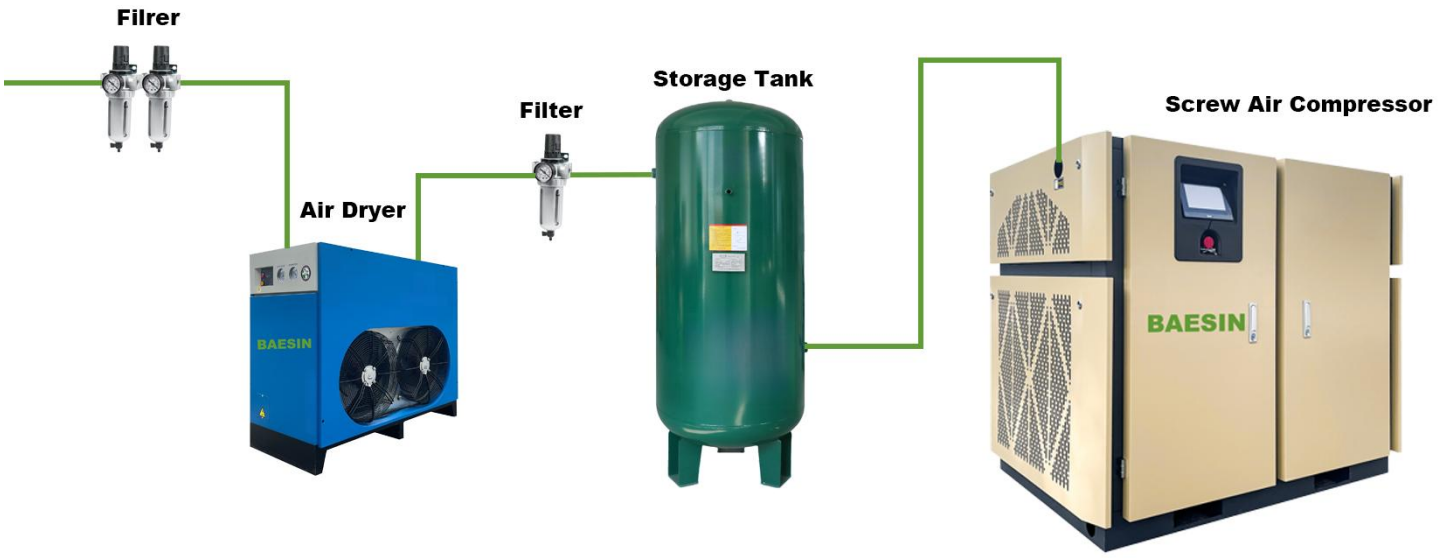
Common Features:

Compression Stage	Single Stage
Ambient Temperature	-5 ~ +45°C
Cooling Mode	Air Cooling
Discharge temperature	Ambient temperature+15°C
Drive Method	Direct Driven
Electricity	380V / 3ph / 50Hz
Air Outlet	3/4”

Screw Air Compressor

Separate Type

Air Supply System Layout:



Inside the Compressor:

