



40Kgs/cm² High Pressure Booster Compressors

Professional design and development for applications to PET bottles blowing, deep well drilling, special clamp mechanism, high-pressure press, testing, and leak testing etc.

Space saving and simple maintenance

- A solid stand design with anti-vibration that provides a stable operation and easy installation.
- Air-cooled compact design: with the large cooling fan, no extra power consumption in the cooler.
- No need installing foundation, can freely choose the appropriate place to install the SWAN Booster.
- Air-cooled SWAN Booster with compact size design is able to save or much more 50% of installation space.
- High-load resistant and simple structure design, with automatic oil recovery system, to be easy maintenance, and durable for long-term operation.

Higher efficiency, much more displacement

- Specifically designed for the purpose of high-pressure and supercharging. After cooling and drying of the inlet air, the compression efficiency of SWAN booster is much higher than multi-stage high pressure air compressors.
- The amount of air suction by SWAN Booster is bigger than the regular air compressor with same volume, its Free Air Delivery is bigger too.

Lower Capital Cost

- Flexible Air compression system designed to generate High pressure air with the existing low pressure air in the plant, no need to equip with two sets of independent high-pressure and low pressure system to save the cost.

Comprehensive protection and dual control systems

- Depend on your air consumption to switch either to automatic operation or continuous operation automatically.
- Shutdown protection when overload or lower oil pressure.
- With idle running design before shutdown or soft starting, to reduce worn-out of the related parts.

Superior Lubrication

- Oil pump with enforced-lubrication structure; Enforced lubrication and low-oil pressure protection design to make sure SWAN Booster to be well lubricated.
- SWAN Booster is equipped with oil filter device to ensure clean lubricant.
- SWAN booster is equipped with robust structure and loading-resistant design. The critical key components such as crankcase, cylinders, connecting rods, crank shaft..etc are all well approved.

BST-315 & BST-230

Product Specification

Specification		Model		BST-315		BST-230	
Motor	K.W	7.5	11	19	22		
	HP	10	15	25	30		
Inlet Pressure	kg/cm ² .G	5 ~ 7					
Discharge Pressure	kg/cm ² .G	30			40		
Design Pressure	kg/cm ² .G	35			45		
Inlet Air Volume	l/min	1495	2616	3282	4012		
F.A.D	l/min	1166	2040	2494	3049		
Air Tank Capacity	Liter	310					

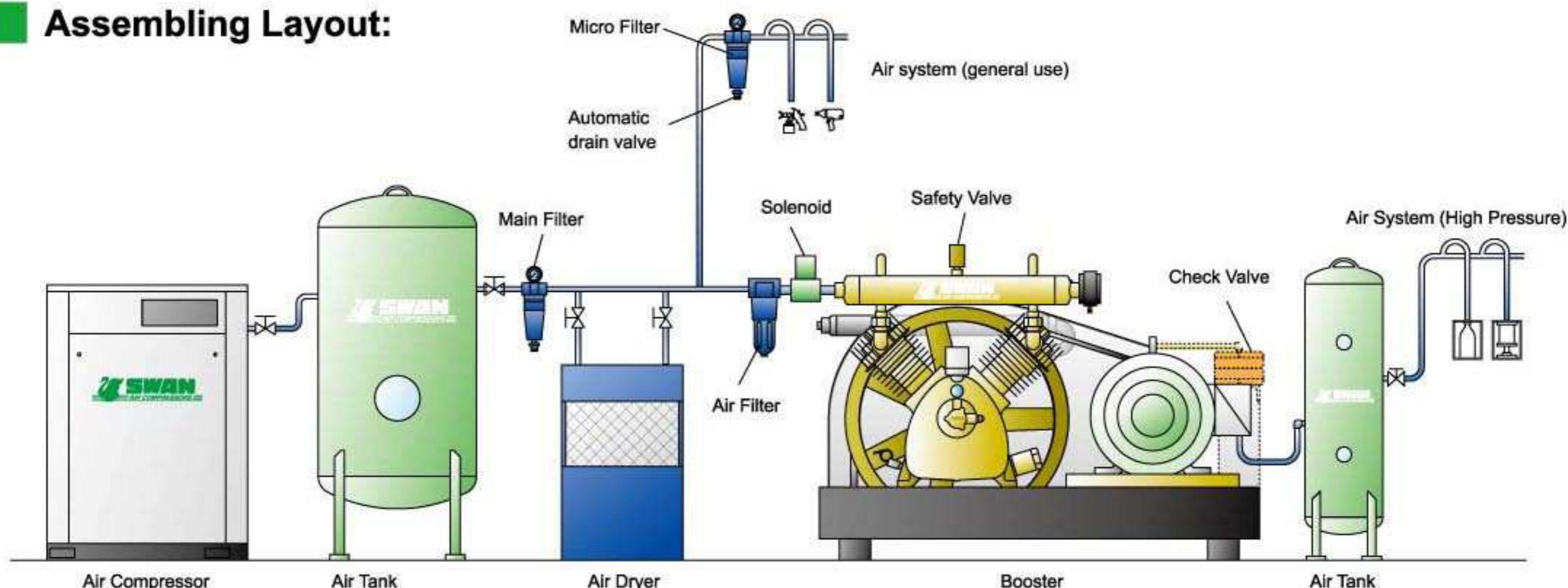


※ We welcome any required special specifications, please feel free to contact with us for further assistance.
 ※ We keep the rights for modifying specifications without further notice.

Comparison between SWAN BST series booster and general compressors

Products	BST Series	General Compressors
Structure	Air cooled type, boosting design, oil pump enforced lubrication,removable.	multi-stage compression structures, oil pump enforced lubrication, fixed installing Foundation.
Compression	Low-pressure inlet air, single-stage compression	The inhaling air is from atmosphere, multi-stage compression
Energy efficiency	High efficiency, high displacement, energy saving	low efficiency, low displacement, wasting energy
Installation	Air cooled structure, no installing foundation needed, space-saving	Water-cooled, need to establish an installing foundation, water cooling system, large-space needed
environmental design	Low pollution, less noise	High pollution, noisy
Lubrication While starting	Crankshaft with oil storage design,can supply clean lubricant right away.	Can not supply lubricant in time.
Control mode	Automatically change to auto or Semi-auto mode due to different required air consuming quantity. No load while start /stop the unit to avoid parts worn-out,and increase running life-time.	With individual control and can not change the running condition automatically. Low energy efficiency.Under loading condition while start/stop the unit and not able to establish the lubricating Oil protection in time to increase Running life-time.

Assembling Layout:



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