

Air-Cooled Oil Free Screw Compressor

ZXF Advantages

- Robust and unique design
- Low-noise and low-vibration design
- Easy installation Safe and reliable
- SIEMENS electromotor and inverter
- Advanced SIEMENS control and monitoring
- High quality inlet/blowdown valve
- Zero loss electronic drains
- Low maintenance cost
- Compression Elements
- Low transmission losses
- easy to maintain air filter
- minimum intake losses
- Stainless steel components and piping



Screw compressors designed for 24/7 under heavy load operation

- Oil free air end of GHH production with special rotor profiles Ultracoat for excellent efficiency and reliability.
- Siemens microprocessor controller with smart touch screen design and multi language, high resolution LCD provides outstanding performance.
- High-quality electric motor with IE3 energy efficiency class. Energy-saving direct drive without loss of power transmission
- Effective cooling system provided by a highly efficient radial fan and aftercooler.
- Low noise level due to the effective sound insulation and optimally designed ventilation system.
- Frequency converter (option) provides smooth speed control in the range from 50% to 100%. Compressor capacity is adjusted to the actual compressed air demand.
- Network pressure value is kept on the constant level. Compressor energy saving results investment return within several months.
- Stainless steel pipes of high and low temperature resistance.
- Reduction of energy costs – due to optimal heat recovery options (ventilating ducts, or water cooling system).

Technical Data of Oil free screw compressor KOMPBERG® ZX / ZXF

Model	Capacity min-max [m³/m]		Weight [kG]	Dimension (L×W×H) [mm]	Cooling air demand [m³/h]	motor power [kW]	Air connection
	8 bar	10 bar					
ZXF 55	7.9	6.6	3470	2500×1400×2000	16500	55	G 1 ½"
ZXF 75	12	9.7	3770	2800×1600×2000	16500	75	G 2"
ZXF 90	12	12	3270	2800×1600×2000	11700	90	G 2"
ZXF 110	18	15.7	4370	3300×2200×2000	25000	110	G 2"
ZXF 132	21.2	19	4600	3400×2100×2400	19500	132	G 3"

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KOMPBERG® ZX / ZXF

BERG® is expert in manufacturing and designing the most reliable oil-free screw compressors.

ZX series is the exquisite rotary screw compressors to come out of this strong tradition, with Two Stage and Air Cooled system. The ZXF offers a robust design and low operating cost to industries where high-quality oil-free air is a key solution.



BERG Kompressoren has achieved a new milestone: Setting the standard for air purity as a German enterprise who to be certified ISO 8573-1 CLASS 0. Each machine is tested to ensure it meets specific actions, complete security, and no surprises. The ZXF oil-free compressors are truly easy to operate, and no inconvenience for maintenance.

100% OIL-FREE AIR

Our oil-free compressors deliver oil-free air. Whether your activities are in pharmaceutical production, food processing, critical electronics or a similarly exacting industry, it is essential to eliminate risk. That's why you need a KOMPBERG® ZXF risk-free solution: oil-free screw compressors especially for applications demanding the highest levels of purity. Zero oil, Zero risks of contamination. Zero risks of damaged or unsafe products, Zero risks of losses from operational downtime.

ZX Technology

- World class oil-free compression element
- 100% oil-free rotary screw compression
 - High quality compressed air
 - Low speed to capacity ratio
 - High overall efficiency with superior rotor coating and element cooling jackets
 - No oil disposal problems downstream as air is completely oil-free
 - Two compression stage with Air cooled system

Application of BERG ZX / ZXF series, oil free screw compressors

- Food and beverage processing
- Pharmaceutical industry
- Waste water treatment
- Chemical and petrochemical processing,
- Electronics and communication manufacturing
- medical
- Automotive paint spraying
- Textile manufacturing

