

BRÄTSCH oil-injected rotary screw compressors are leader in the market thanks to outstanding performance and flexible operation. This results in the highest productivity while minimizing the total cost of ownership. GA compressors are available in two series: GA 5-11 and GA 5-15 VSD. The GA 5-11 is the best workshop solution, built to perform even in the harshest conditions. The GA 5-15 VSD range is the ideal solution for productions with a fluctuating air demand, optimizing your energy consumption. Both ranges supply the high-quality air you need to keep your air network clean and your production up and running.

### Advantages

- **Highest reliability** – The GA series is designed, manufactured and tested in accordance with ISO 9001, ISO 14001 and ISO 1217. Ensuring a long and trouble-free life at the lowest operating cost. The compressor contains the latest generation of the innovative oil-injected screw element.
- **Reduced energy costs** – Our GA compressors can reduce your energy costs and overall compressor lifecycle costs thanks to the use of our highly efficient element. Furthermore, the GA Variable Speed Drive (VSD) reduces energy costs by a further 35% by automatically adjusting the air supply to your air demand with a large turndown operating range.
- **Air system integration** - The GA WorkPlace Air System can be installed where you need compressed air. Its low noise operation and integrated air treatment equipment eliminates the need for a separate compressor room. All GA compressors are tested and delivered ready for use. The integrated options will reduce installation costs and pressure drops significantly, thus saving additional energy cost.
- **Advanced control and monitoring** – To maximize efficiency and reliability, the Elektronikon® controls the main drive motor and regulates system pressure within a predefined and narrow pressure band. The Elektronikon® controller can be adapted to your specific needs with extra sensors, digital contacts, fieldbus, Internet and SMS communication functions. In combination with the ES multiple compressor controller, the operation of your complete compressor room is optimized.
- **Integrated air treatment** – All GA compressors can be installed with integrated dryers, filters and oil-water separators to protect your compressed air network. This quality air expands the life of equipment, increasing efficiency and ensuring quality in your final product.

Able to tackle extreme duties as daily challenges, high-performance tank-mounted GA compressors from BRÄTSCH KOMPRESSOREN beat any workshop solution. Ready to supply high-quality air, they keep the air network clean and your production up and running.

### **Built to last**

- Outfitted with a new generation element with improved bearings and seal arrangement.
- Unequaled reliability during the system's lifetime thanks to the belt-driven drive train, newly developed in accordance with the highest industry standards.
- Maximized durability thanks to the usage of advanced development tools and extensive real-life training.
- Fit for environments with ambient temperatures up to 46°C due to improved component design.

### **Protecting your production**

- Web based online compressor status viewer on new Elektronikon® for remote monitoring using a standard Ethernet connection.
- Protection from oil contamination: extremely low oil carry-over thanks to the vertical design of the oil vessel.
- Protection of downstream air equipment in all working conditions: the integrated dryer avoids condensation and corrosion in the network. Optional filters can be added to obtain air quality up to class 1 level (<0.01 ppm).
- Water separator included as standard.
- Water separation of nearly 100% in all conditions with the standard electronic no-loss drain in combination with the integrated water separator in the dryer.

### **Minimized energy costs**

- The Free Air Delivery is increased up to 8% and power consumption is reduced by 7% thanks to optimized packaging and the new compressor element.
- Extremely low losses of compressed air during load/unload cycle thanks to minimized oil vessel size.
- Additional energy savings with the dryer's no-loss electronic drain.
- The GA 5-11's compression element is combined with a class 1 efficiency motor resulting in minimized energy costs.

### **Effortless maintenance**

- Minimized service costs thanks to high-quality and easily replaceable consumables with a long lifetime and easy servicing.
- The Elektronikon®'s monitoring features include new service and warning indications, error detection and compressor shut-down. The optional Elektronikon® graphic controller provides further enhanced visual service indications and warnings.

### **Easy installation**

- Improved sound quality and noise levels starting from 60 dB(A).
- A true plug-and-play solution ready to be installed close to the point of use, the GA is ideal for installation companies and OEMs. Optionally, the system can be expanded with an integrated dryer, air filters and a factory-mounted 270L receiver (optional 500L).
- Effortless transportation by forklift.
- Standard equipped with a 3-metre power supply cable.