



The all-in-one compressed air station

With the **i.Comp 8/9 TOWER T**, KAESER presents a highly efficient complete solution that integrates a piston compressor and compressed air treatment with refrigeration dryer and optional filters in a robust housing. This fully-fledged compressed air station is based on two compressed air tanks, each with a capacity of 40 litres.

The core of the new i.Comp series is the **innovative drive concept**, which offers numerous advantages. Thanks to the frequency control, it delivers exactly the power required to continuously cover the current compressed air demand. Optimized cylinder flow and cooling ensure maximum efficiency. The weight-reduced crank drive ensures smooth running, which minimizes wear and significantly reduces maintenance costs. In addition, a single inlet filter further reduces pressure losses and wear.

The **compact compressed air complete station** is designed according to the plug-and-play principle and only requires a power connection and connection to the compressed air network. Additional installation work is not necessary. Thanks to the high energy efficiency, ease of maintenance, durability and optimal coordination of all components, the station guarantees years of reliable and economical operation.

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Brewery



Laboratory



Car workshop

Speed-controlled piston compressor

i.Comp 8/9 series

The **i.Comp 8/9 from KAESER** impresses with its innovative drive concept and comes in a robust, compact and needs-based design. Under the rotationally sintered PE cover is an oil-free piston compressor with a speed-controlled motor that always delivers exactly the amount of compressed air required. The i.Comp TOWER T models integrate the compressor block, compressed air tank, refrigeration dryer and SIGMA CONTROL 2 control system in a ready-to-connect housing system. This configuration makes them the ideal choice for craft businesses, industries, workshops and laboratories.

THE COMPACT PISTON COMPRESSOR STATION

The single-stage, oil-free piston compressor delivers **up to 570 l/min** at a pressure of up to 11 bar. Thanks to the motor's speed control, it is a particularly adaptable. The compact compressed air station impresses with its first-class workmanship „Made in Germany“. The sound-insulating polyethylene cover is robust, impact-resistant and durable.

HIGH ENERGY EFFICIENCY

The i.Comp 8/9 works particularly efficiently in all load phases. The **greatly reduced switching operations** relieve the compressed air line and minimize energy losses. In addition, the compact powerhouse offers significantly better specific performance compared to conventional piston compressors.

POWERFUL CONTINUOUS RUNNER

The i.Comp 8/9 is a **real continuous runner** thanks to its unlimited switching frequency. It remains powerful even at ambient temperatures of up to 45 °C and a duty cycle of 100 %. A powerful fan and the optimized cooling air flow reduce the operating temperature of the compressor, which ensures continuous operation. Temperature monitoring in the compressor motor reliably protects against overload.

VERY QUIET AND CLEAN

A piston compressor at room volume? With a **maximum sound pressure level of 65,7 dB(A)**, the i.Comp 8/9 is exceptionally quiet. This is achieved by the compressor running very smoothly and the sound-insulating PE cover. In addition, the compressor block is completely oil-free. The i.Comp TOWER T versions deliver constantly dry compressed air with a **pressure dew point of +3 °C**, with the condensate that occurs being reliably drained away.

ECONOMICAL OPERATION

The standard i.Comp CONTROL unit (TOWER) ensures reliable and economical operation. With the **optional SIGMA CONTROL 2 control** (standard in the TOWER T), the i.Comp 8/9 becomes network-capable and can be connected to the higher-level SIGMA AIR MANAGER 4.0 control.

SPACE-SAVING INSTALLATION

Thanks to its compact dimensions, the powerful i.Comp 8/9 Tower T requires **less than 1 m² of floor space**. The rotation-sintered PE hood can be easily opened, allowing for easy servicing.



Piston compressor i.Comp 8/9
Picture source: KAESER Kompressoren SE

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