



## SCREW COMPRESSORS

84 .. 410 m<sup>3</sup>/h  
20 .. 140 HP



### Semi-hermetic design (HSK/HSN)

For more than 25 years, BITZER has been producing small and medium capacity semi-hermetic screw compressors. The high power density and the external oil separator concept make it possible to realize simple paralleling ranging from larger commercial applications to industrial plants. The result is a high degree of reliability and efficiency, even in the plant's partial load range.

137 .. 1120 m<sup>3</sup>/h  
35 .. 300 HP



### Semi-hermetic compact screws (CSH and CSW)

Compact screws are equipped with integrated oil separator and four-step or continuously variable slide capacity control. Thanks to this feature, the compressor is easy to integrate in short circuits, such as water or brine chillers. The economizer is integrated in the slide control and can thus be operated effectively both during full and partial load.

46 .. 80 m<sup>3</sup>/h  
15 .. 25 HP



### Hermetic design (VSK)

The hermetic VSK compressors are tailored to the special requirements of railway air conditioning. As particular advantage, these compressors offer a low installation height they owe to their horizontal design and a large speed control range resulting from a frequency inverter drive.

84 .. 410 m<sup>3</sup>/h



### Open drive design (OSK/OSN)

The open drive screw compressors were developed for use with coupling and coupling housing to directly flange on electric motors. In combination with the particularly reliable shaft seal, assembling an open drive compressor is conceivably easy. A special version of the OS series is also available for use with NH<sub>3</sub> or in explosion proof zones.



### Accessories for screw compressors

BITZER offers an extensive range of accessories for use with screw compressors. For individual applications, a selection can be made from differently sized primary and secondary oil separators and water- or air-cooled oil coolers. The pressure vessels comply with current pressure vessel directives.