

Condition at Delivery

Most Secop compressors are delivered without mounted starting devices on pallets. The standard pack can be stacked and is intended for transport by forklift truck. The bottom pallet has the dimensions 1144 x 800mm.

Quantities per pallets are specified in the individual data sheets. Electrical equipment is packed in separate boxes.

Performance Controls at Secop

The most important performance controls carried out during manufacturing are,

- **A high potential insulation test with 1650V for 1 second**
- **Pumping capacity**
- **Tightness of discharge side and discharge valve**
- **Tightness of compressor housing**
- **Check of the right oil charge**
- **Noise test**

Oil Charge

The compressors are supplied with sealed connectors and the sealing should not be removed before the system assembly takes place. (max. 15 minutes with open connectors). The compressors are supplied charged with dried and degassed oil, which is normally sufficient for the lifetime of the compressor. The refrigeration systems and the system components must be dimensioned in such a way that the oil can be lead back continuously to the compressor housing without accumulating in the system, e.g. without the oil pockets and with sufficient gas velocity. The compressors use polyolester or mineral oils and are approved only for these oils and **for the refrigerant to be used**. The oil charge is specified in the individual data sheets.

Warnings

A high potential test with 1650V for 1 second is carried out on all compressors before delivery.

No high potential test or start tests must be carried out while the compressor is under vacuum.

No attempt must be made to start the compressor without a complete starting device.

Allow the compressor to reach a temperature above 10°C before starting the first time in order to avoid starting problems.

Anti freeze agents must not be used in the compressors as such agents are damaging to several of the materials used. In particular, the ethyl or methyl alcohol contents of such anti freeze agents have a destructive effect on the synthetic motor insulation.

Secop GmbH

Lise-Meitner-Straße 29
24941 Flensburg
Germany
Tel: +49 461 4941 0
www.secop.com

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