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HDE 4000-D/DM – Electro-Hydraulic High-Pressure Unit up to 4,000 bar direct driven without pressure booster in modular execution

Individual solutions with continuous performance – The Schaaf HDE 4000-D is an electro-hydraulic high-pressure unit that is designed for efficient stationary and mobile (HDE 4000-DM) industrial use. In doing so, a power density of 4,000 bar can be created through direct pressure generation without a pressure booster.

A major advantage is the reduction of the amount of required oil and the related total weight. As a result, the tank capacity is reduced to approx. 6% of the previous known oil volume.

This means a weight reduction of approx. 80%.

Each unit is individually constructed and produced according to the customer's wishes. This results in a multitude of possible variations that can be changed and expanded at any time for separate control units using different connection varieties. Different software expansions are available in this way, such as the Assembly Documentation System (MDS), GripLoc control or STG for fully automatic oil pressing procedures.

The Tool-Service-Indicator (TSI) maintenance control unit comes ready for use and is included with the standard equipment. The HDE 4000 D/DM is expandable at any time with the Tool-Management-System (TMS).

All elements are individually detachable, interchangeable, and expandable. The HDE 4000-DM comes with the option of disassembling the basic power unit for easy and comfortable transport. Owing to integrated pulleys and transport handles, the HDE 4000 D/DM is also easily transportable in the assembled state.

Therefore, the HDE 4000 D/DM is equipped with the most modern components and is ready for flexible and portable use.