



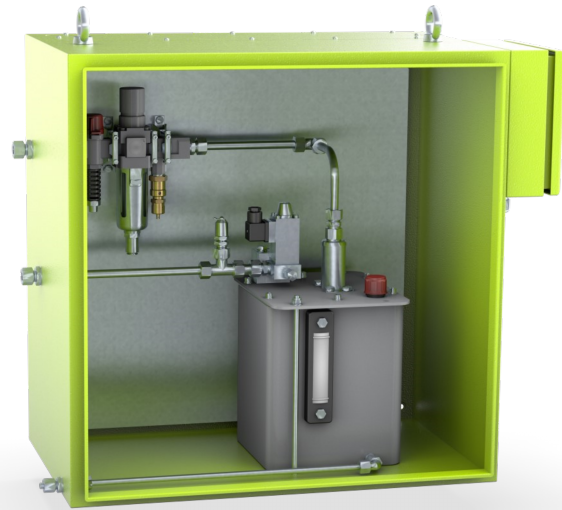
**Pneumatically operated hydraulic unit**

The Compactus is an hydraulic unit with a Pneumatically operated Hydraulic Power Pack (PHPP), which makes the Compactus suitable for applications where pneumatic pressure is the preferred power source over an electric motor.

The Compactus is suitable for many applications, but it is perfect as pressure supply unit for other Dellner Bubenzer products, such as SKD disc brakes and locking devices.

The PHPP and an air processing unit is built into a cabinet. The PHPP is equipped with a solenoid valve for ON/OFF control and the solenoid valve is wired into an electrical terminal box.

The number of individually and/or simultaneously controlled hydraulic outlet ports can be increased by adding solenoid valves to the PHPP. Each hydraulic outlet port can also be equipped with a pressure switch for ON/OFF detection.



To operate the Compactus it should be supplied with pneumatic pressure and electrical control voltage. With the ratio of 1:44, approximately 200 bar hydraulic pressure can be achieved with only 4,5 bar pneumatic pressure.

| Pneumatic/Hydraulic pressure ratio | Max. pneumatic supply pressure [bar] | Pneumatic set pressure range [bar] | Hydraulic outlet pressure range [bar] | Standard control voltage [V DC] |
|------------------------------------|--------------------------------------|------------------------------------|---------------------------------------|---------------------------------|
| 1:44                               | 10                                   | 0,5-4,5                            | 20-200 <sup>1)</sup>                  | 24                              |

1) Approximate air consumption during pressurizing cycle: 35-385 lpm

**OPTIONS**

Several options are available, for example:

- Additional solenoid valves for additional hydraulic outlet ports
- Pressure switch (es) for ON/OFF detection
- Pressure transmitter (s)
- Customized electrical terminal box with or without Local Operation Panel (LOP)