

We offer individual components as well as complete hydraulic systems for your lifting and material handling systems. As part of our continuous development it is our goal to make your stacker or lifting device even more powerful, safe and efficient.

All that for more than 60 years.





#### Lifting modules

Designed to meet your requirements, space and desired actuation mode

HST, HSTL for reach trucks and counterballance stackers
 HMT, HMTL for counterballance stackers
 HMB, HMC for high rack lift trucks
 HSW for order pickers and electric pallet trucks
 HMPL, HMPV for lift trucks with a capacity up to 10 t
 D 7700H

Max. operating pressure: 315 bar Max. flow rating: 90 lpm



### Directional spool valve

Either manual or solenoid actuation for the movement control- we've got it

Throttling spool valve DLS, DLSR
 D 7260 ST

Max. operating pressure: 250 bar Max. flow rating: 80 lpm

• On/Off or proportional directional spool valve type

SWS D 7951

Max. operating pressure: 315 bar Max. flow rating: 25 lpm



## Directional seated valves

Individual valves and valve banks with zero leakage for motion control

• BVG D 7400, D 7765

Max. operating pressure: 400 bar Max. flow rating: 50 lpm

• EM, EMP, EMC D 7490/1

Max. operating pressure: 450 bar Max. flow rating: 160 lpm



## Pressure valves

Over-center valves with oscillation dampening for well controlled moving of heavy load

LHK
 LHDV
 LHT
 D 7100
 D 7770
 D 7918

Max. operating pressure: 450 bar Max. flow rating: 250 lpm

Pressure limiting valves and sequence valves for safeguarding systems or maintaining a selected pressure difference

BMVE, BMVD
 VR
 MV, MVS, SVC, DMV
 D 7340
 D 7000/1

Max. operating pressure: 700 bar Max. flow rating: 120 lpm



## Flow valves

Drop-rate braking valve for constant drop rates no matter of the load

DSJD 7825SBD 6920

Max. operating pressure: 315 bar Max. flow rating: 400 lpm



#### Check valves

Line rupture safety valve for safety even when a pressurized line breaks

• LB D 6990

Max. operating pressure: 500 bar Max. flow rating: 160 lpm



#### **Electronic controls**

Intelligent electronics for user comfort and diagnostic functions with a wide range of capabilities

• Electronic amplifier EV D 7817/1, D 7831 D,

D 7837
• Programmable logical valve control PLVC, D 7845-4, D 7845-4, D 7845 M

with Profi- and/or CAN-Bus interface D 7845-Z

#### Accessories

Components which complete your controls

Pressure switches
 Electronic pressure transducer DT
 D 5440, D 5440 E/1
 D 5440 T/1, D 5440 T/2

Max. operating pressure: 700 bar

Hydraulic accumulators
 D 7571, D 7969, D 7969 HPS

## More ideas for lifting

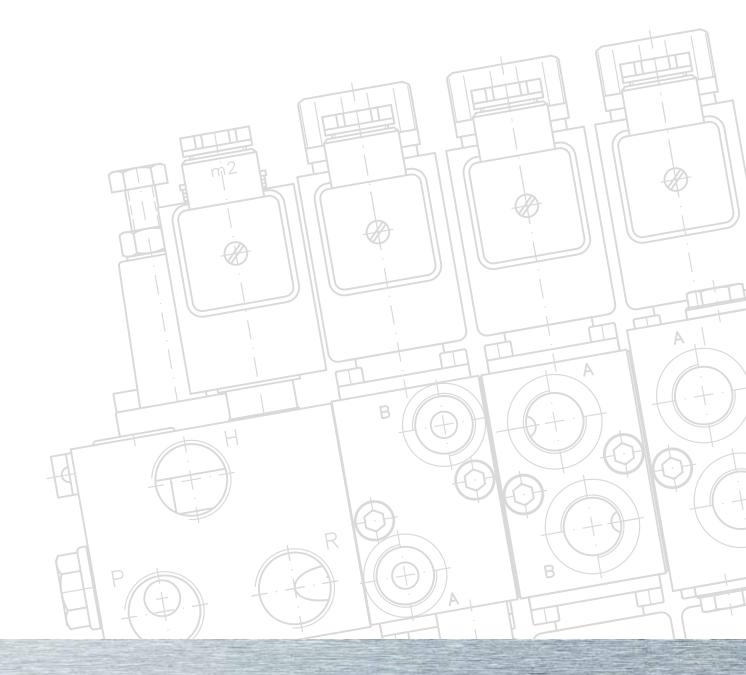
Compact hydraulic power packs which like to travel
 Sturdy pumps that deliver a lot without making much noise
 D 8010, D 7207, D 7940
 D 7960 N, D 7960 K

# Latest developments of HAWE Hydraulik

Over-center valve LHT: Twin over-center valve for manifold mounting
 Lifting module HMPL: for lift trucks with a capacity up to 10 t
 D 7981

Proportional flow control valve EMC: for load independent lifting and lowering
 SK 8056

Programmable logical valve control PLVC: Now also available with housing (IP67)
 D 7845-2, D 7845-4, D 7845 M





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