



We save space at

# Lifting and handling

Industrial truck

Jungheinrich



Power Pack

Halder Barnes



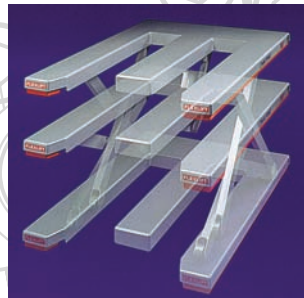
Elevating work platform

Klaas Alu Kranbau



Lifting platform

Flexlift



Aerial working platform

VEMA Lift



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 50 years.





#### Lifting modules

Designed to meet your requirements, space and desired actuation mode

- HST, HSTL for reach trucks and counterbalance stackers Sk 7650-HST
- HMT, HMTL for counterbalance stackers Sk 7758-HMT
- HMB, HMC for high rack lift trucks D 7650-HSW
- HSW for order pickers and electric pallet trucks Sk 7650-HSW

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 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 D 7100
- LHDV D 7770
- LHT 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 D 7184
- VR D 7340
- MV, MVS, SVC, DMV 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

- DSJ D 7825
- SB D 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 7831/1, D 7837
- Programmable logical valve control PLVC, with Profi- and/or CAN-Bus interface D 7845-2, D 7845-4, D 7845-Z, D 7845 HMI

#### Accessories

Components which complete your controls

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

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 D 7900, D 7200
- Sturdy pumps that deliver a lot without making much noise D 7960 N, D 7960 K

### Latest developments of HAWE Hydraulik

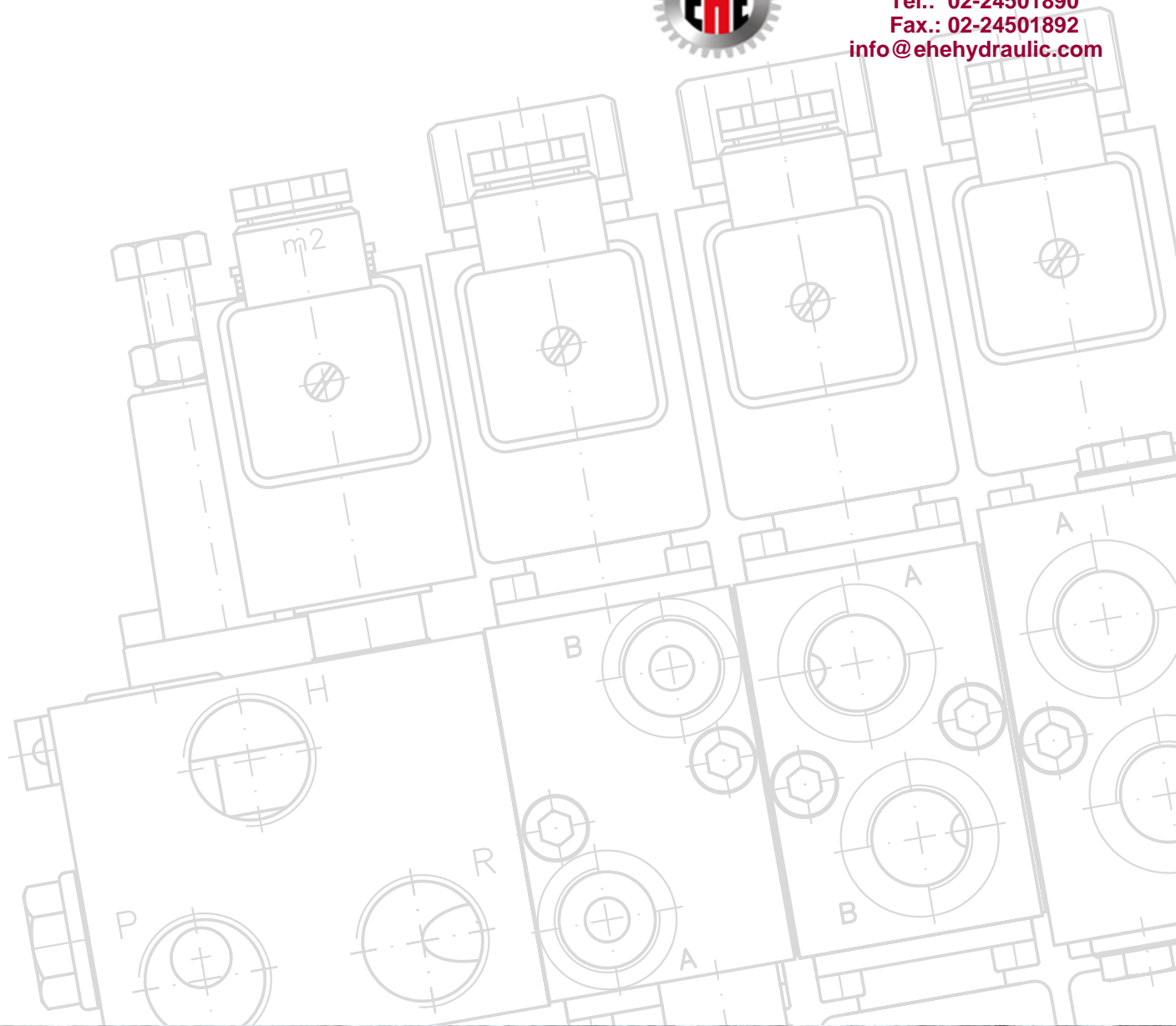
- Over-center valve LHT: Our universal valve with good oscillation dampening D 7918
- Proportional directional spool valve SWL: Sensitive and load-independent control not only for fork lifts D 7981
- Programmable logical valve control PLVC 2 and PLVC 4: optimized number of in- and outputs for small and mid-sized applications D 7845-2, D 7845-4

Don't hesitate and order detailed brochures with all technical data, dimensions and notes for proper operation at:  
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Solutions for a World under Pressure

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