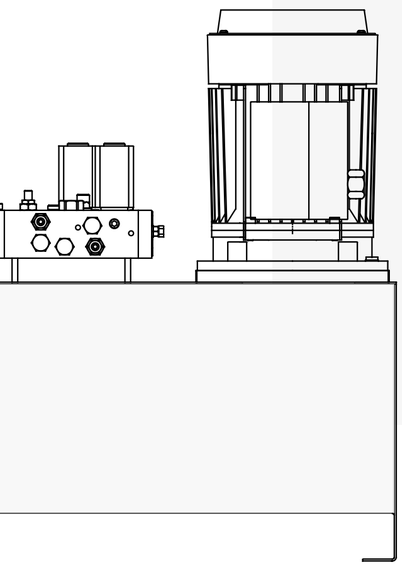

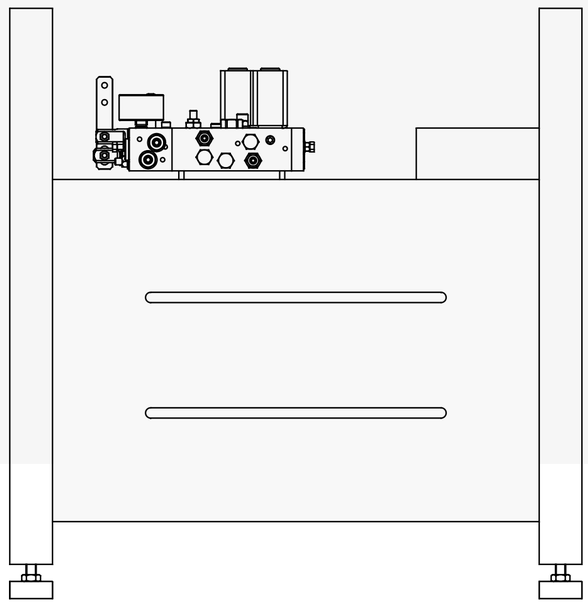

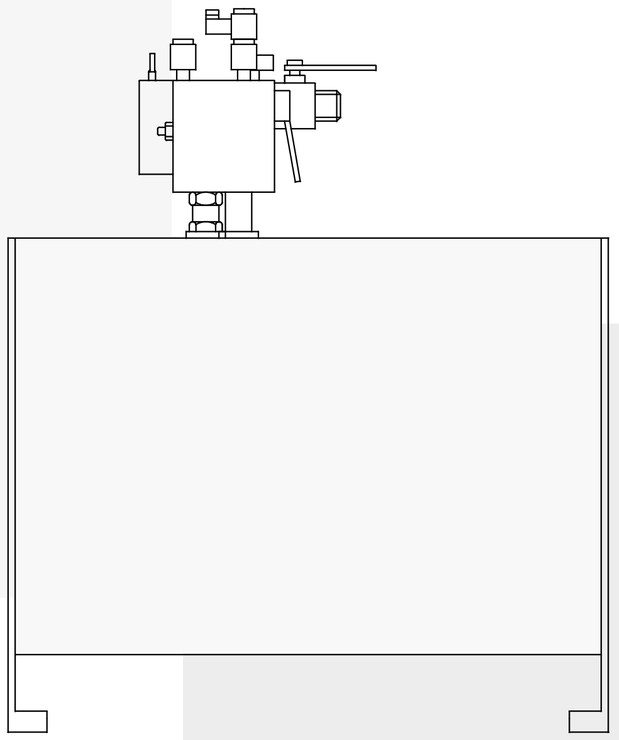

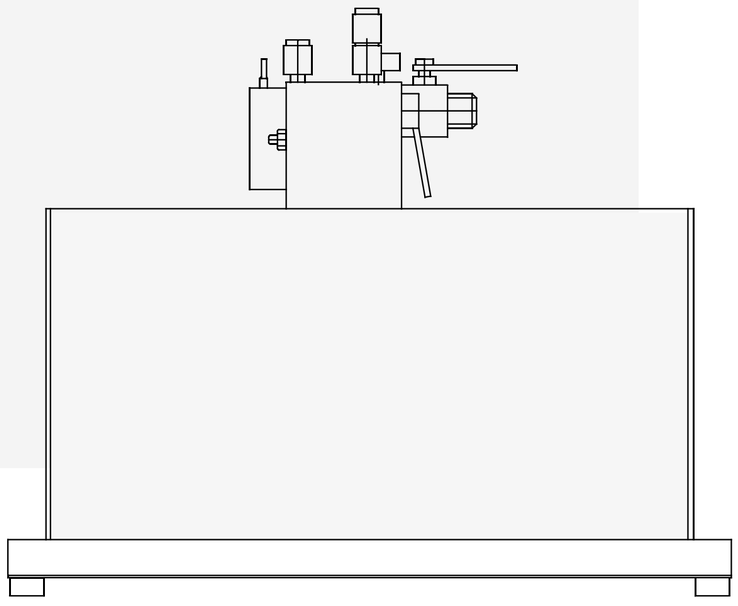

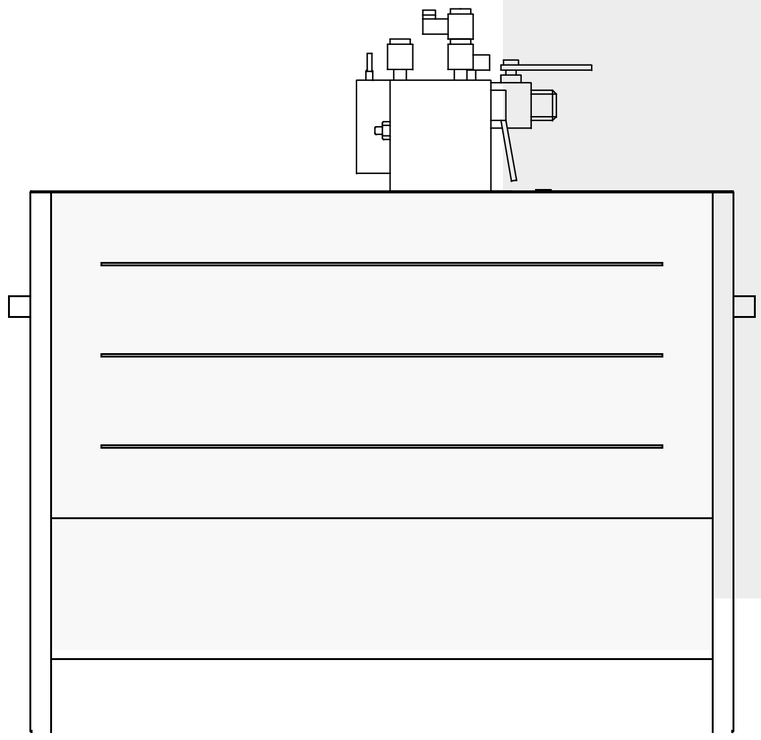

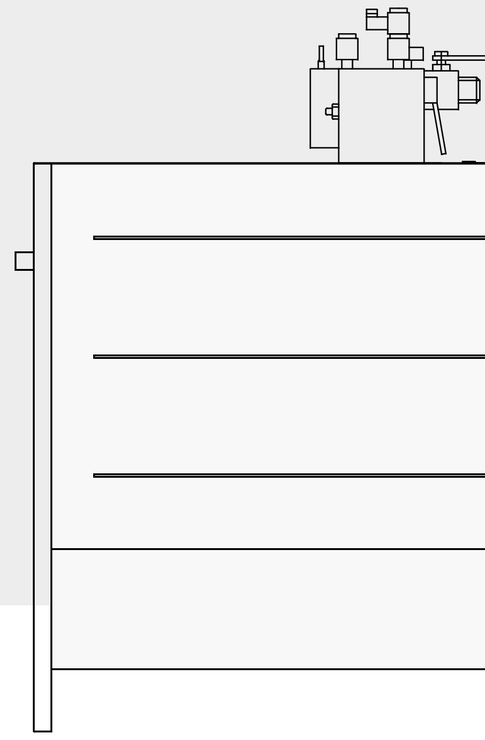

HYDRONIC LIFT

Innovate your lift

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POWER UNITS

Accessories and Modernization Kit

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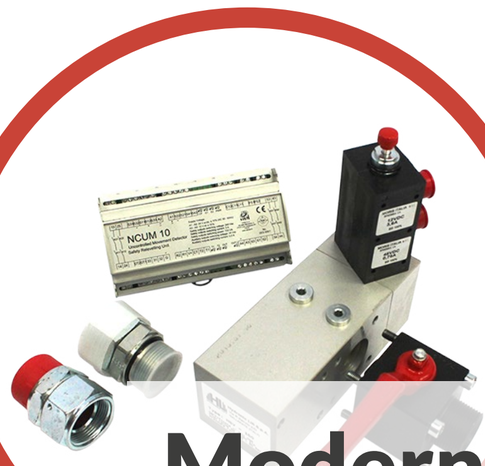
Home lift

Residential

Goods lift

Accessories



Modernization kit

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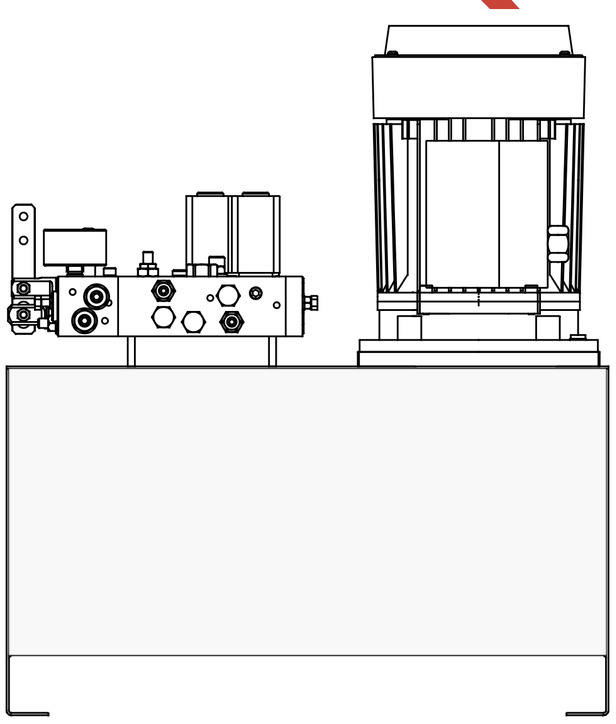
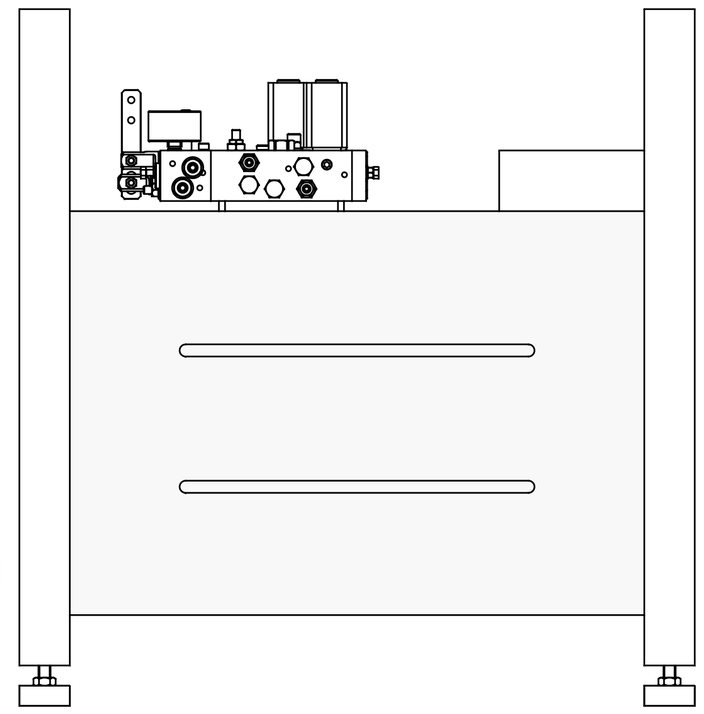
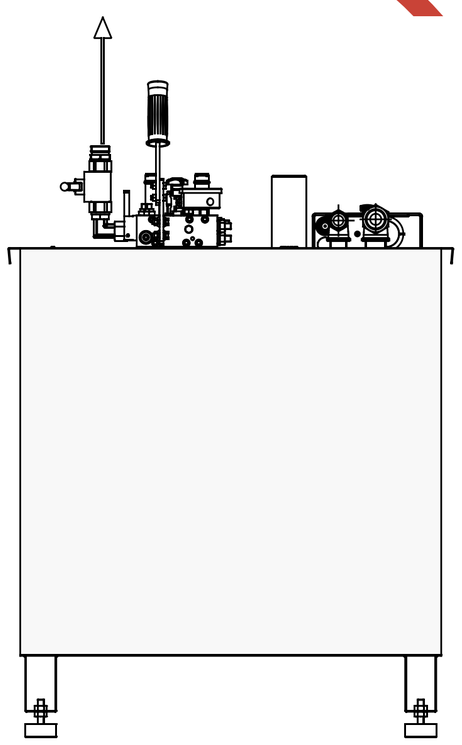
Hydronic lift



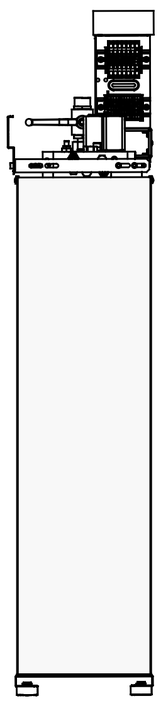
MHY 2 / MHY 4



MHY 3



MHY 7.5



HL – TOWER

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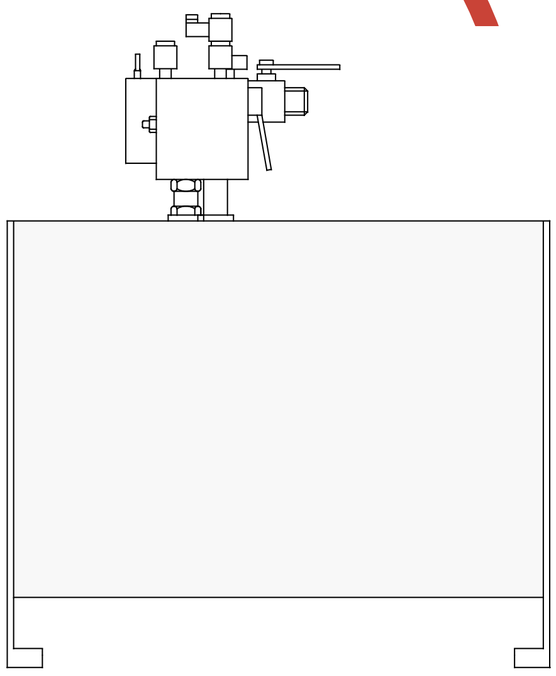
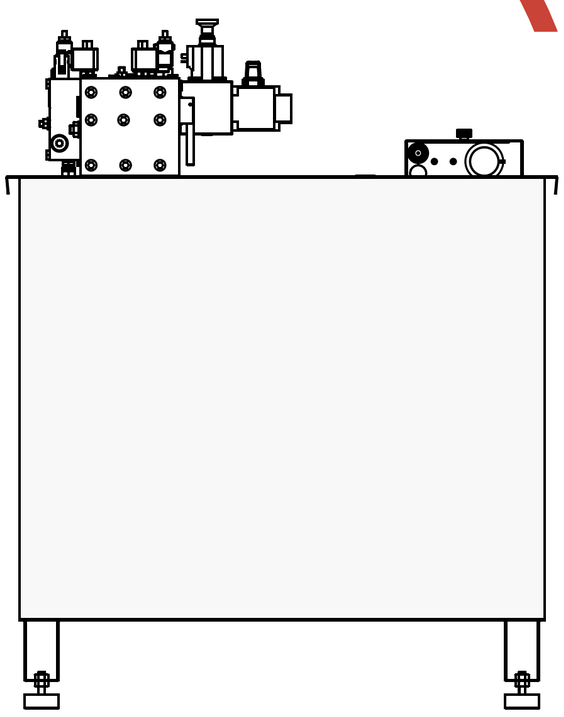
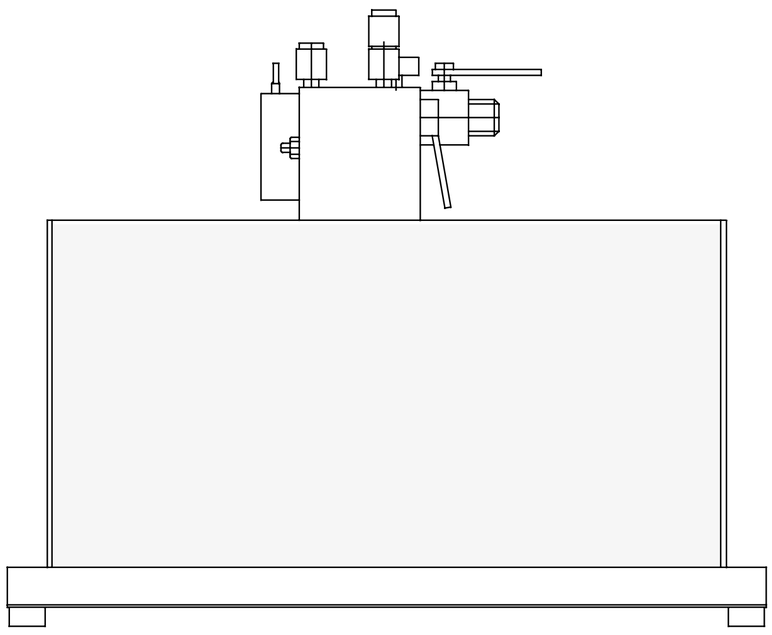


MHY 8



MHY 8.0



MHY 125 - 50
MHY 125 - 60

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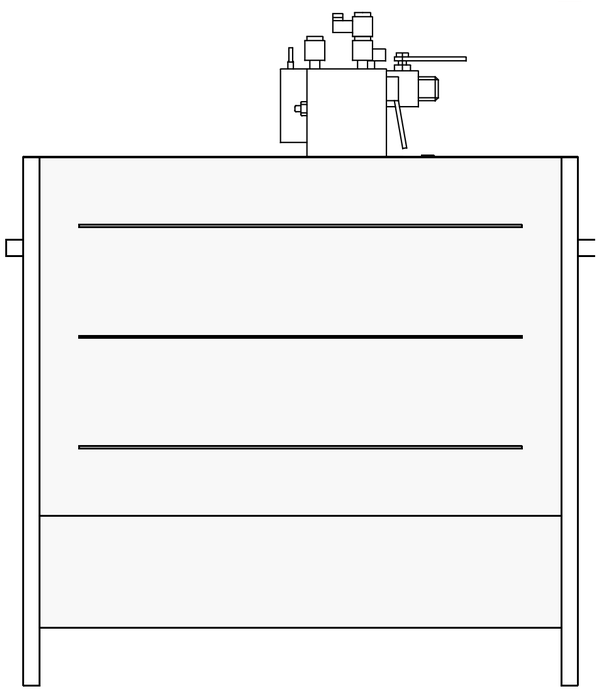
Good lift

MHY 15



MHY 25

MHY 37

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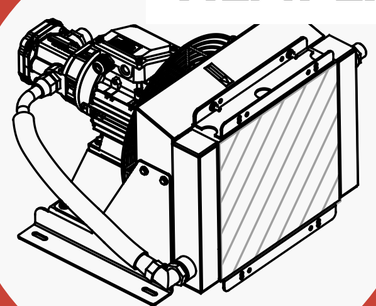
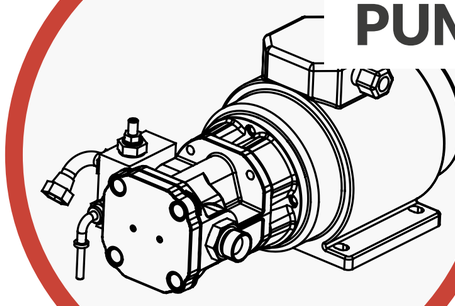


MICRO LEVELLING PUMP



HOSE FLEX

STEEL PIPE

OIL

PUMP

MOTOR

CABINET

HYDRONIC LIFT
Innovate your lift

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Modernization kit

KIT A3

KIT FIAM
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UNIVERSAL
KIT H300

KIT FOR
HAND PUMP

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Innovate your lift

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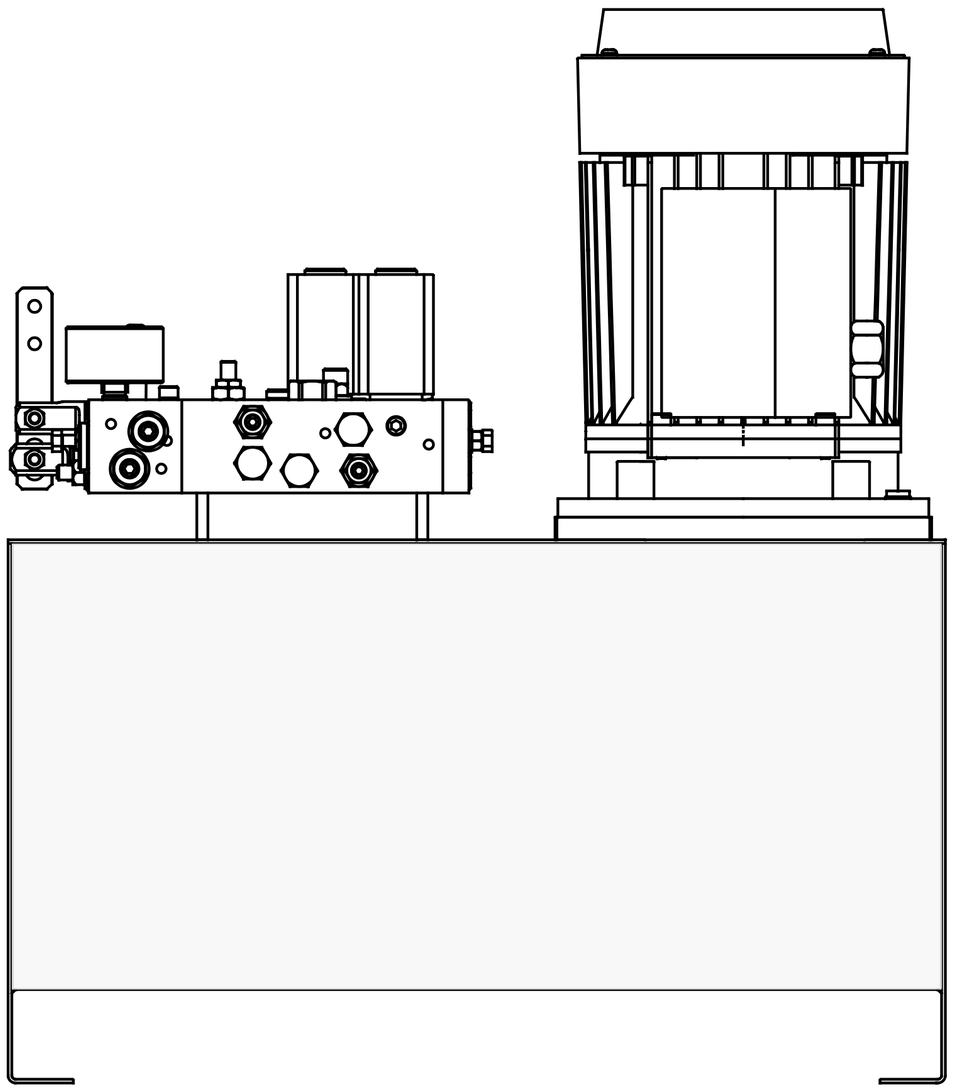
MHY 2 / MHY 4

Home lift



Main advantages

- High pressure
- Compact dimension
- Comfortable ride

Tecnical Informations

Equipment category	HOME LIFT
Distributor type	Mechanical, single and double speed - H2S
Dimensions (mm)	MHY 2 = 500x260x575 (mm) MHY 4 = 600x300x640 (mm)
Oil capacity (l)	MHY 2 Working = 19 Minimum = 8 MHY 4 Working = 38 Minimum = 4
Operating pressures (bar)	H2S 12/45 Blain 5/60
Nominal pump oil flow (l/min)	8 - 35
Motor power (kw/hp)	0,75/(1) to 3/(4)
Auxiliary tank against Oil spills (en81-20/50)	Available on requested
Machineroom cabinet	700x400x1620

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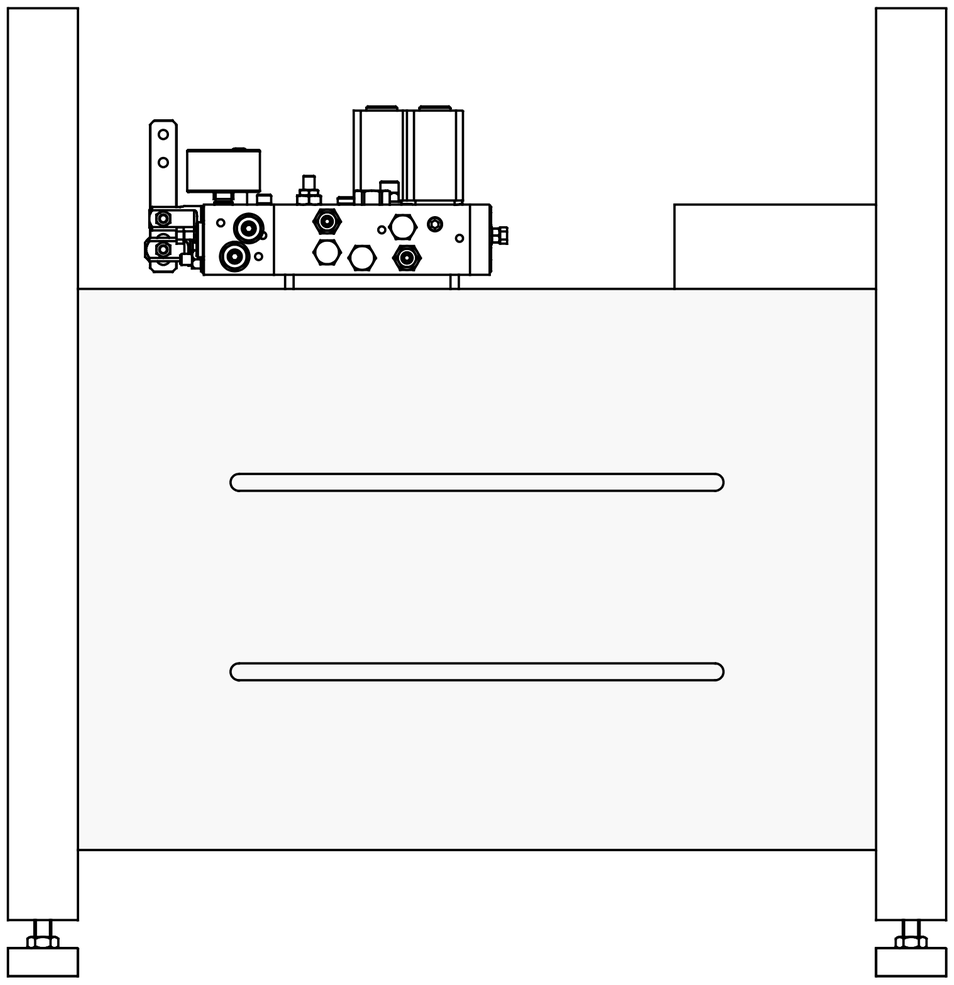
MHY3

Home lift



Main advantages

- Low noise reduction
- Comfortable ride

Tecnical Informations

Equipment category	HOME LIFT
Distributor type	Mechanical, single and double speed - H2S
Dimensions (mm)	670x265x690 (mm)
Oil capacity (l)	Working = 40 Minimum = 9
Operating pressures (bar)	H2S 12/45 Blain 5/60
Nominal pump oil flow (l/min)	8 - 30
Motor power (kw/hp)	0,75/(1) to 3/(4)
Auxiliary tank against Oil spills (en81-20/50)	Available on requested
Machineroom cabinet	700x400x1620

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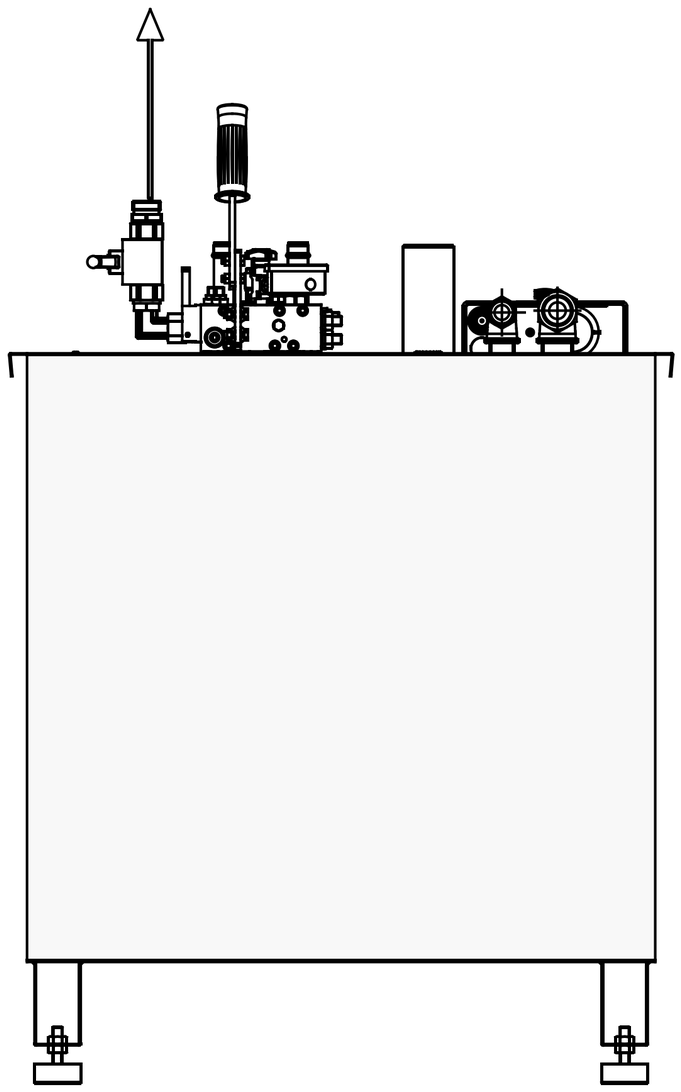
MHY7.5

Home lift



Main advantages

- Silent
- Compact dimensions

Tecnical Informations

Equipment category	HOME LIFT
Distributor type	Mechanical, single and double speed- H2S
Dimensions (mm)	717x320x1057
Oil capacity (l)	Working = 70 Minimum = 45
Operating pressures (bar)	Min. = 12 Max. = 45
Nominal pump oil flow (l/min)	18 - 30
Motor power (kw/hp)	1,5/(2) to 4,5/(6)
Auxiliary tank against Oil spills (en81-20/50)	Available as a required option (combined with theCabinet)
Machineroom cabinet	800x400x2100

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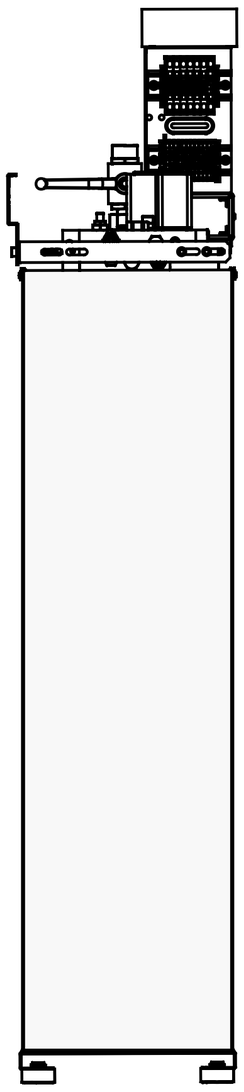
HL-TOWER

Home lift



Main advantages

- Maximum noise reduction
- Smooth ride
- Compact dimensions

Tecnical Informations

Equipment category	HOME LIFT
Distributor type	Double speed- H2S
Dimensions (mm)	260x230x1295
Oil capacity (l)	Working = 40 Minimum = 5
Operating pressures (bar)	Min. = 12 Max. = 45
Nominal pump oil flow (l/min)	8 - 30
Motor power (kw/hp)	0,75/(1) to 3/(4)
Auxiliary tank against Oil spills (en81-20/50)	Not available
Machineroom cabinet	Not available

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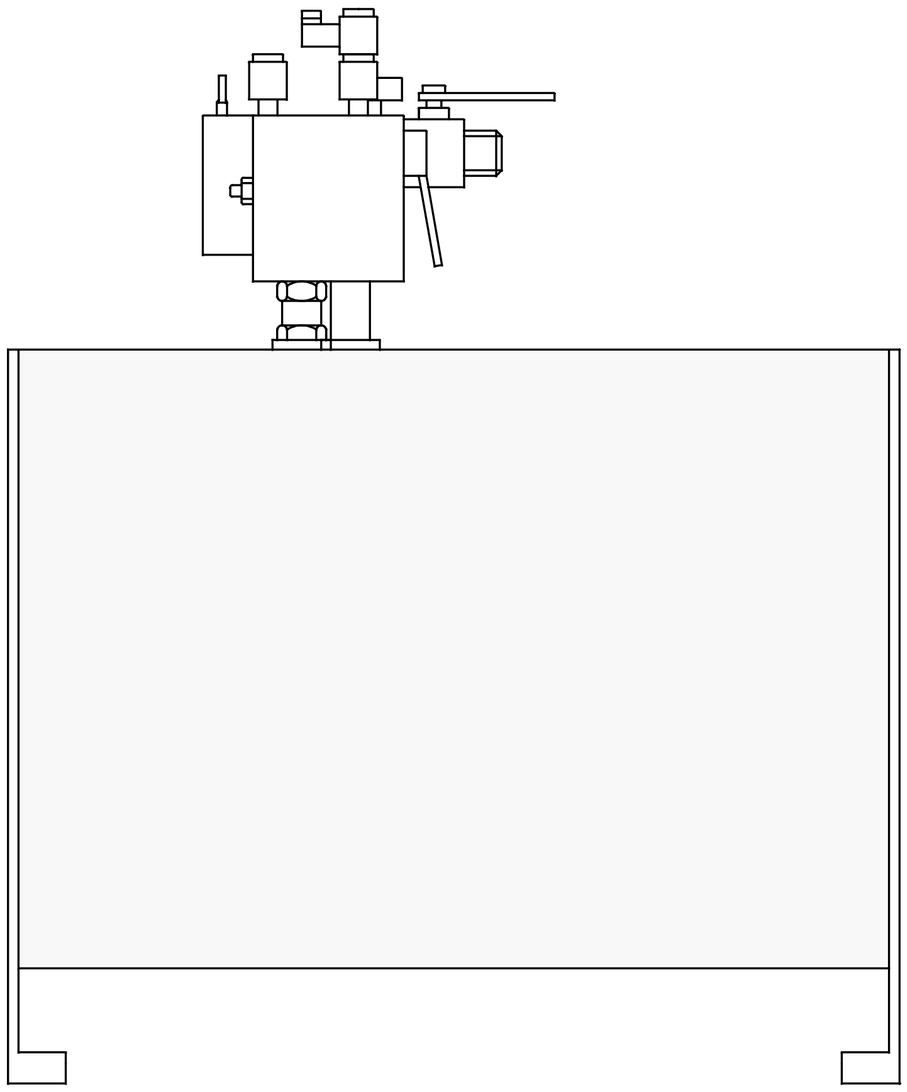
MHY 8



Residential

Main advantages

- Compact dimension
- high pressure silent
- stable comfort upon temperature and pressure changes

Tecnical Informations

Equipment category	HOME LIFT
Distributor type	H300 - BLAIN I-Valve / LRV
Dimensions (mm)	850x324x1025(mm)
Oil capacity (l)	Working = 80 Minimum = 55
Operating pressures (bar)	Mechanical 12/50 Electronic 12/60 Blain 5/60
Nominal pump oil flow (l/min)	Mechanical 35/250 Electronic 35/250
Motor power (kw/hp)	3,3 (2,2) to16 (22)
Auxiliary tank against Oil spills (en81-20/50)	864x340x520
Machineroom cabinet	950x400x2100

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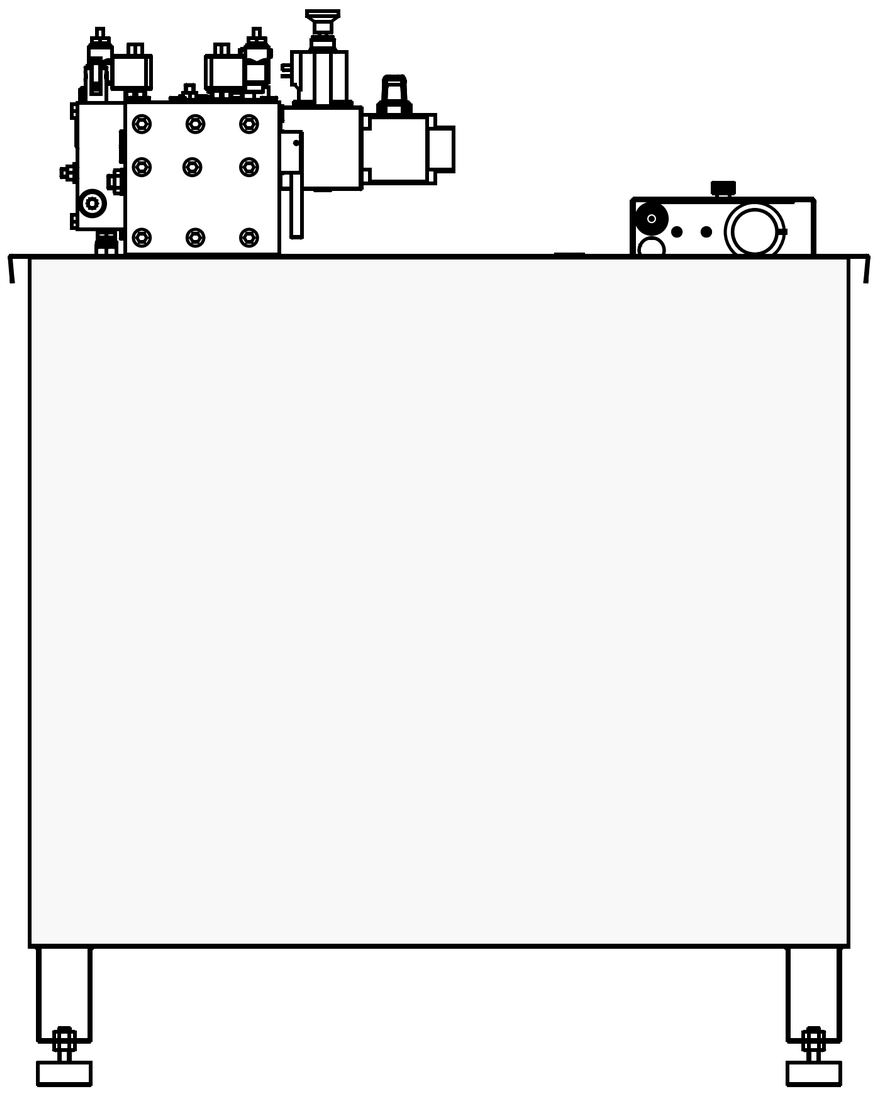
MHY 8.0



Residential

Main advantages

- Silent
- Compact dimensions

Tecnical Informations

Equipment category	HOME LIFT
Distributor type	H300 - BLAIN I-Valve
Dimensions (mm)	817x320x1020((mm)
Oil capacity (l)	Working = 85 Minimum = 50
Operating pressures (bar)	Mechanical 12/50 Electronic 12/60 Blain 5/60
Nominal pump oil flow (l/min)	Mechanical 18/150 Electronic 18/150
Motor power (kw/hp)	2(2,7) to 16(22)
Auxiliary tank against Oil spills (en81-20/50)	880x365x625
Machineroom cabinet	950x405x2099

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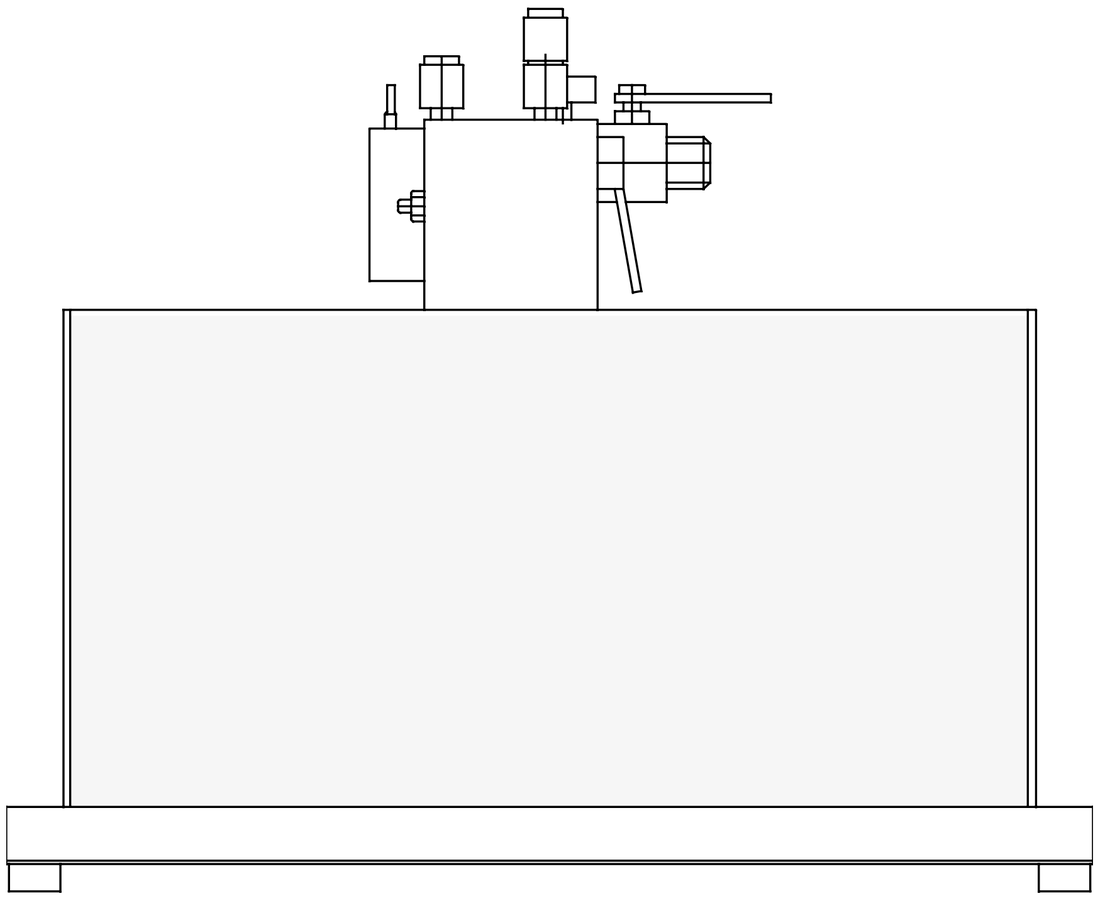
MHY 125 - 50 MHY 125 - 60

Residential



Main advantages

- Positioned in the pit
- Remoted emergency controls

Tecnical Informations

Equipment category	RESIDENTIAL
Distributor type	H300 Or Blain I-Valve / LRV
Dimensions (mm)	MHY 125 - 50 = 950X325X760 (mm) MHY 125 - 60 =950X325X795 (mm)
Oil capacity (l)	MHY125 - 50 Min. = 50 Max. = 55 MHY125 - 60 Min. = 60 Max. = 55
Operating pressures (bar)	Mechanical 12/50 Electronic 12/60 Blain 5/60
Nominal pump oil flow (l/min)	Mechanical 35/250 Electronic 35/250
Motor power (kw/hp)	3,3 (2,2) to16 (22)
Auxiliary tank against Oil spills (en81-20/50)	Available on requested
Machineroom cabinet	950x400x2100

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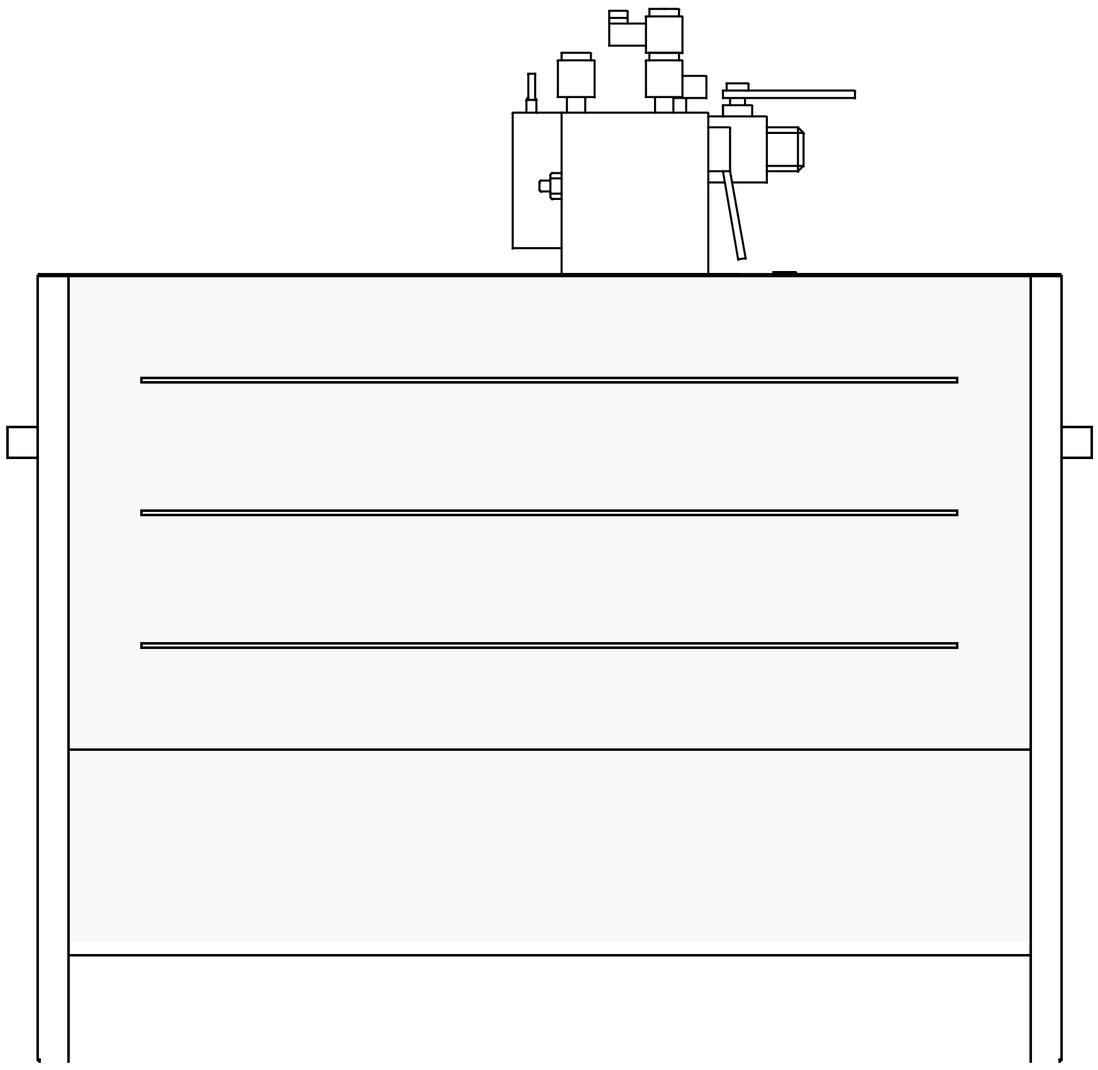
MHY 15

Goods lift



Main advantages

- Compact dimension
- high pressure stable comfort
- upon temperature and pressure changes

Tecnical Informations

Equipment category	GOODS LIFT
Distributor type	H300 Or Blain I-Valve / LRV
Dimensions (mm)	1065X460X1040 (mm)
Oil capacity (l)	Working = 150 Minimum = 80
Operating pressures (bar)	Mechanical 12/50 Electronic 12/60 Blain 5/60
Nominal pump oil flow (l/min)	MechanicaL 50/250 Electronic 50/380
Motor power (kw/hp)	4,4 (6) to29 (38)
Auxiliary tank against Oil spills (en81-20/50)	Available on requested
Machineroom cabinet	1200x570x2100

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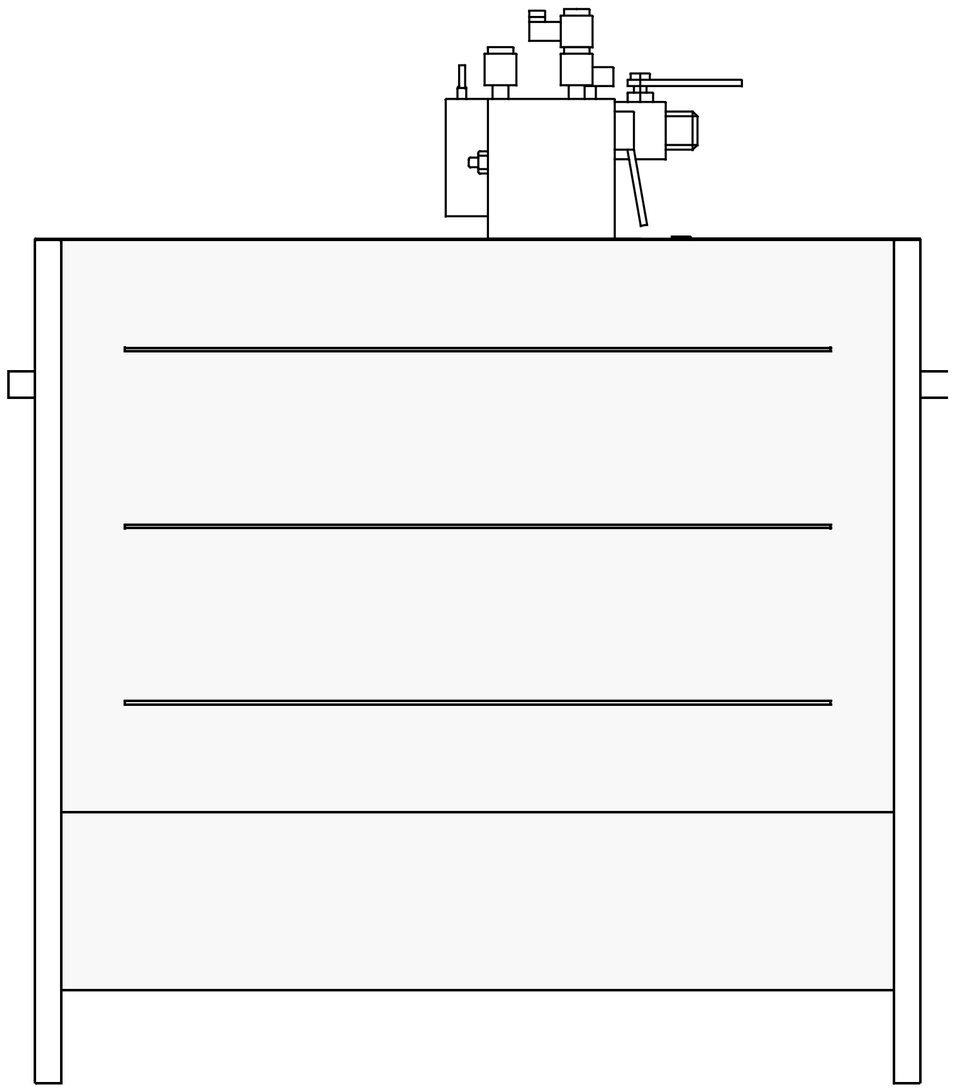
MHY 25

Goods lift



Main advantages

- High capacity
- Long-travel elevators

Tecnical Informations

Equipment category	GOODS LIFT
Distributor type	H300 Or Blain I-Valve / LRV
Dimensions (mm)	1065X555X1290 (mm)
Oil capacity (l)	Working = 240 Minimum = 100
Operating pressures (bar)	Mechanical 12/50 Electronic 12/60 Blain 5/60
Nominal pump oil flow (l/min)	MechanicaL 210/250 Electronic 50/500
Motor power (kw/hp)	4,4 (6) to 29 (80)
Auxiliary tank against Oil spills (en81-20/50)	Available on requested
Machineroom cabinet	Not available

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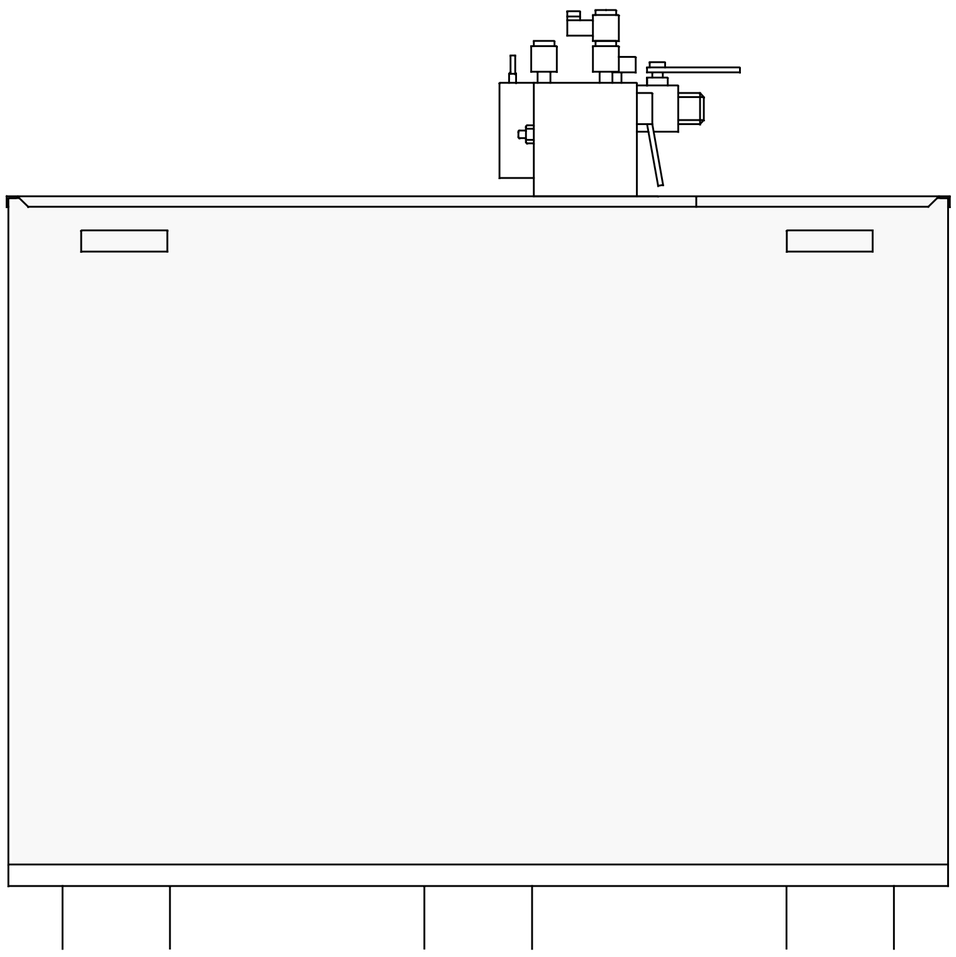
MHY 37

Goods lift



Main advantages

- High capacity
- Long-travel elevators
- Special equipments

Tecnical Informations

Equipment category	GOODS LIFT
Distributor type	H300 Or Blain I-Valve / LRV
Dimensions (mm)	1316X620X1380 (mm)
Oil capacity (l)	Working = 370 Minimum = 280
Operating pressures (bar)	Mechanical 12/50 Electronic 12/60 Blain 5/60
Nominal pump oil flow (l/min)	MechanicaL 210/650 Electronic 50/1000
Motor power (kw/hp)	4,4 (6) to 29 (80)
Auxiliary tank against Oil spills (en81-20/50)	Available on requested
Machineroom cabinet	Not available

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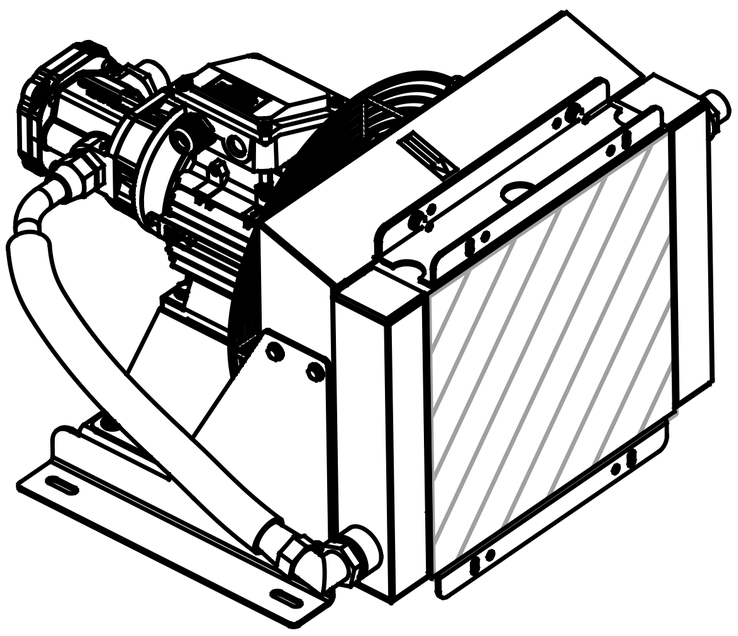
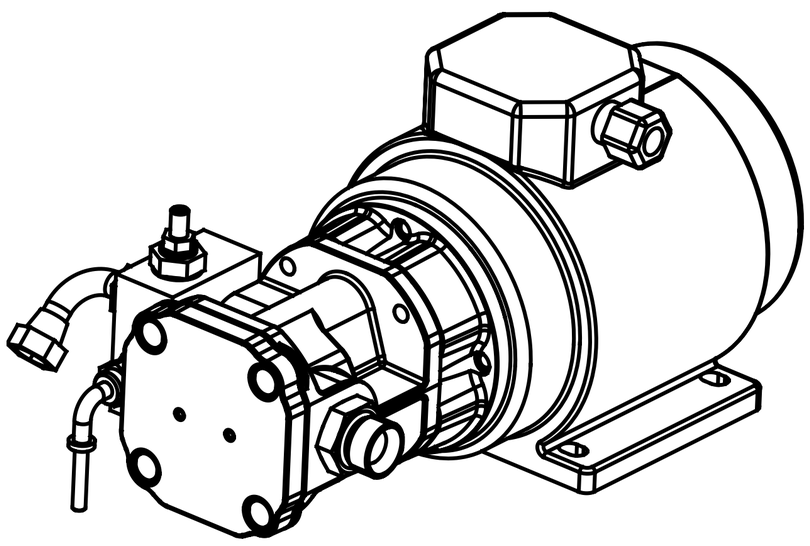
Accessories

HEAT EXCHANGER



Recommended for public buildings, hospitals, high-traffic facilities, the use guarantees optimum operation of your lift in high traffic conditions. Available for all models of hydraulic power units.

MICRO LEVELLING PUMP



Recommended for lifts, car lifts systems, high flow, ensures the maintenance of the car at the floor level by increasing the safe loading and unloading operations. The power (2.2 kW) of the auxiliary motor reduces power consumption and engine wear group / main pump.

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Accessories

HOSE FLEX

Available from 3/4 “to 2” in varying, lengths meter by meter, supplied with the test report.

STEEL PIPE

Available in bars of 6m, complete with straight fittings or at 90 °, with diameters from 35x2,5 mm and 42x3 mm.

OIL

On completion of the supply, severely refined mineral base oil HL46 in tanks 20 l , viscosity VG46 @ 40°c, Flash V.A. 220° C, pour point -21° C.

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Accessories

PUMP

Hydronic Lift can supply pumps **from 8 l/m to 600 l/m**, available on stock.

MOTOR

Hydronic Lift can supply engines **from 1.1 kw to 60 kw**, available on stock.

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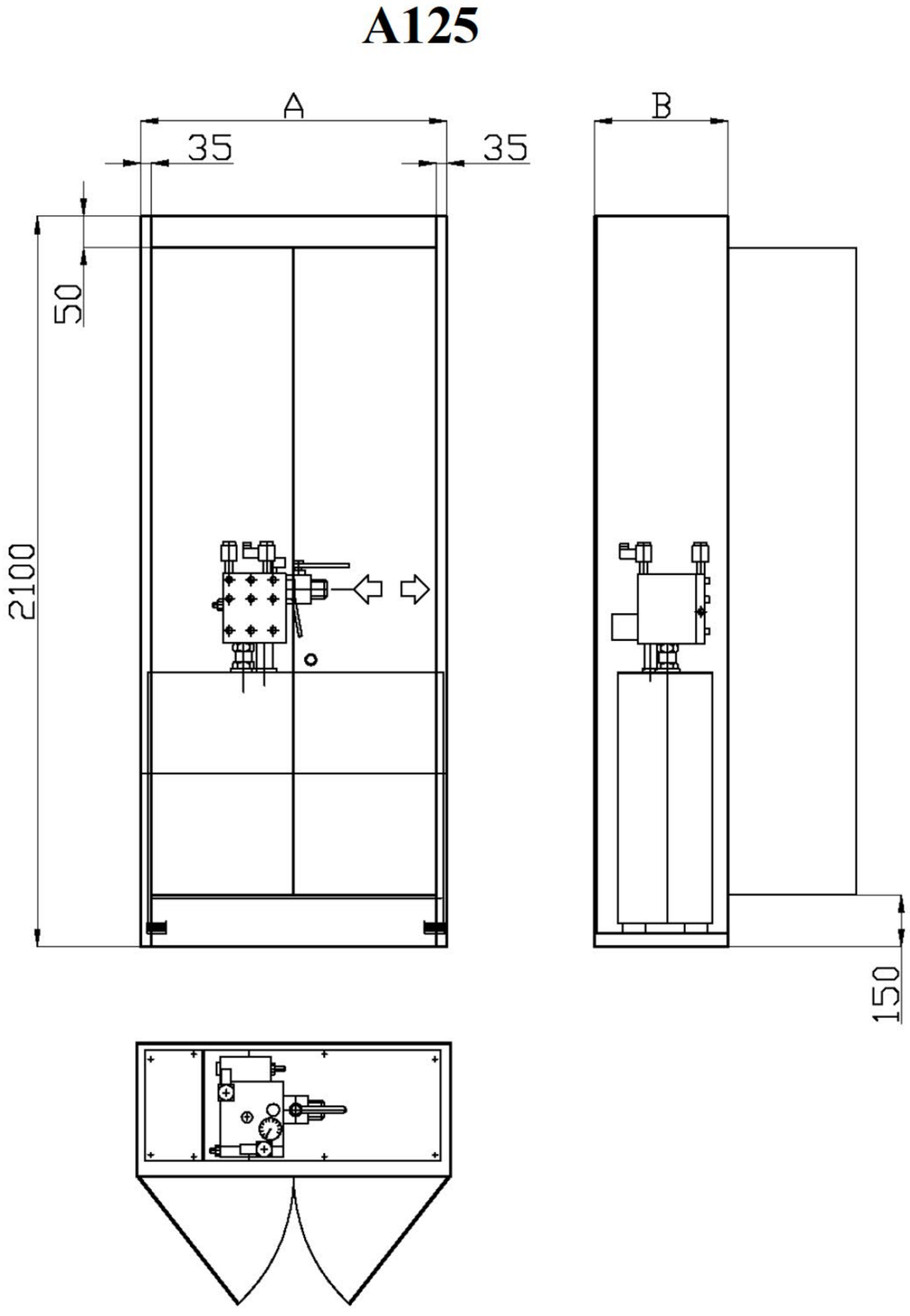
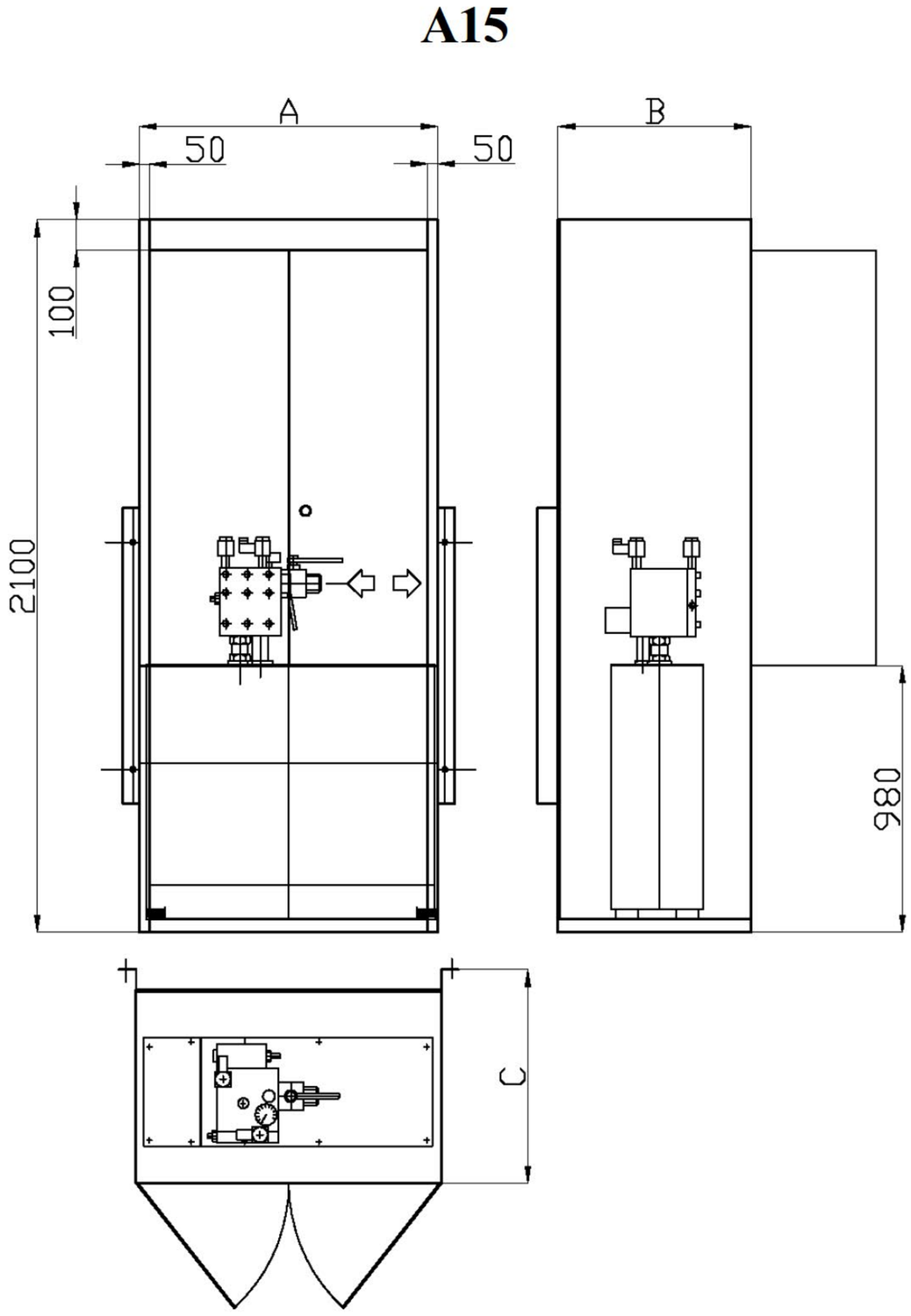
CABINETS FOR MHY POWER UNITS

Accessories

The new cabinet for “machineroomless” hydraulic elevators offers many advantages and savings with his easy fitting & installation, trouble free maintenance and proved safety.

Features and dimensions





Tecnical Informations

POWER UNIT	A	B	C	Cabinet type
MHY 8	950	400	460	A 125
MHY 15	1200	570	630	A 15

Motor power up to 29 KW Pump flow up to 250 l/min Tank capacity up to 230l

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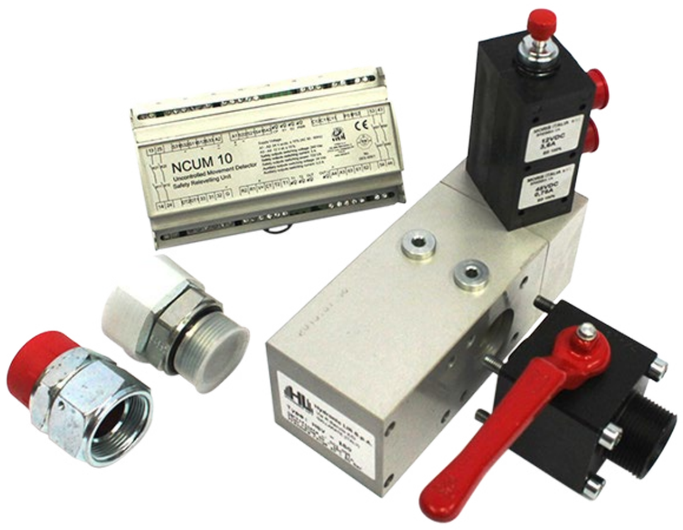
KIT A3

Modernization kit



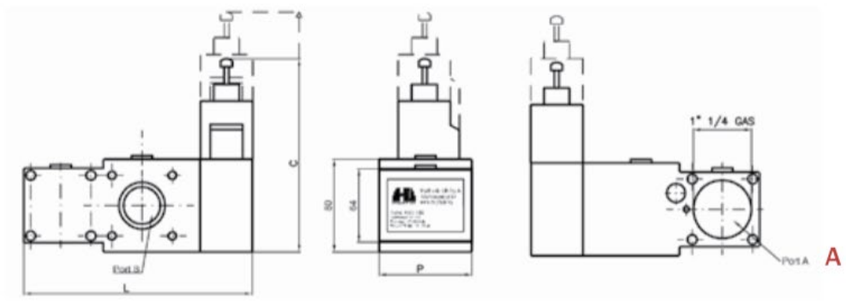
HSV valve

NCUM module

The Universal Kit A3 is composed by the safety valve HSV and the safety unit NCUM.

The NCUM is the electrical component, of the complete A3 system, that recognizes the car movement as unintended movement and activates the HSV valve.

The HSV valve shuts off the flow between the jack and the control valve and stops the unintended car movement.



A-Stopping device *B- Fitting* *C-Shutoff valve*

A3 valve kit on power units

Before

Before

Before

After

After

After

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HYDRONIC LIFT
Innovate your lift

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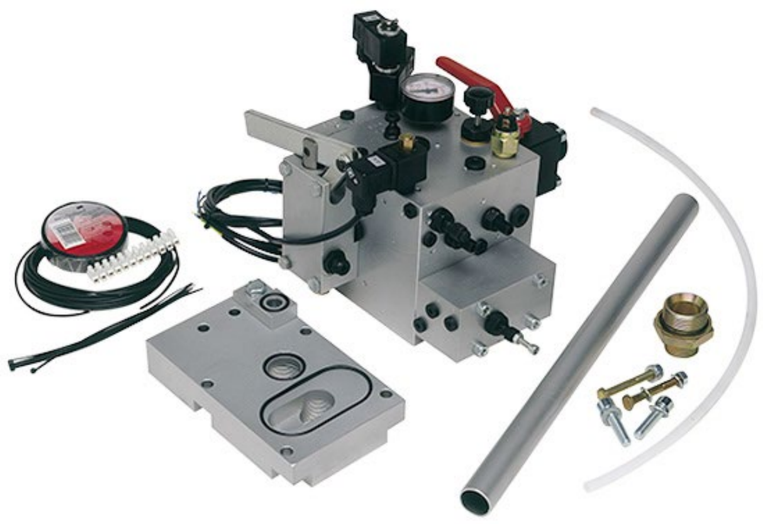
KIT FIAM F229 / F229M

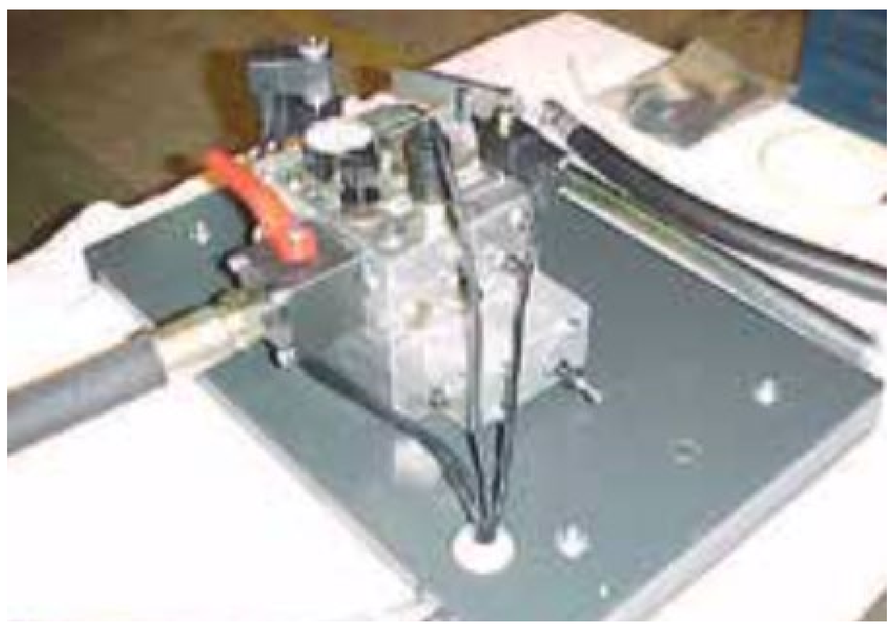
Modernization kit



The F229 kit it was designed to implement a new H300 valve on old Power Units Fiam. With a few simple changes you have a power units like new.

- Easy Installation;
- Lower energy consumption.
- Less oil heating means less use of cooling systems;
- Noise reduction;
- Pre-adjustment at the factory;
- Great ride comfort.

Power Unit Fiam



Kit F229 - F229M

Kit components

- No. 1 Complete hydronic 300 valve
- No. 1 Shuttoff valve 3⁄4”
- No. 1 O-Ring 3 x 34.2 mm
- No. 4 M8 x 25 UNI 5931 screws
- No. 1 Extension Cable M/F 3⁄4”
- No. 1 Lid valve
- No. 1 Lid closing valve
- No. 6 Fixing Lid
- No. 1 Rubber gasket (fixing plate / H300)
- M10 x 14 UNI 5739 screws
- No. 1 Nipple 1” Gas
- No. 1 Bonded seals 1”
- No. 1 flex hose for oil flow
- No. 1 Nipple 3⁄4 gas
- No. 2 bonded seals 3⁄4”
- No. 1 oil outlet pipe
- No. 1 stepped gland for solenoid valve cables
- No. 1 electric material kit

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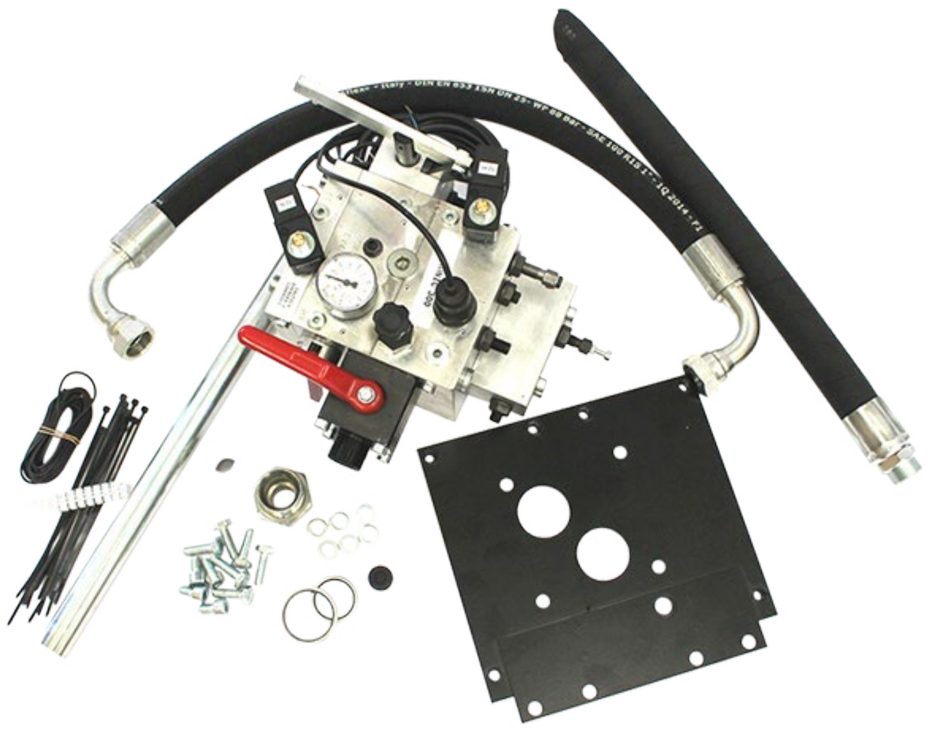
UNIVERSAL KIT H300

Modernization kit



Universal Kit H300 can be installed on all Power Units and guarantees:

- Cost saving
- Easy installation
- Adaptability to all power units

Kit components

- No. 1 complete Hydronic 300 valve;
- No. 1 rubber gasket (fixing plate / H300 valve);
- No. 4 M10 x 14 UNI 5739 screws;
- No. 1 nipple 1” gas;
- No. 1 bonded seals 1”;
- No. 1 flex hose for oil flow (screw pump / H300 valve);
- Adapters to connect flex hose to screw pump;
- No. 1 oil outlet pipe;
- No. 1 stepped gland for solenoid valve cables;
- No. 1 electric material kit;
- Solenoid valve / pressure switch connecting cables, standard length 2000 mm;
- Valve fixing plate on existing lid together with
- clamping screws

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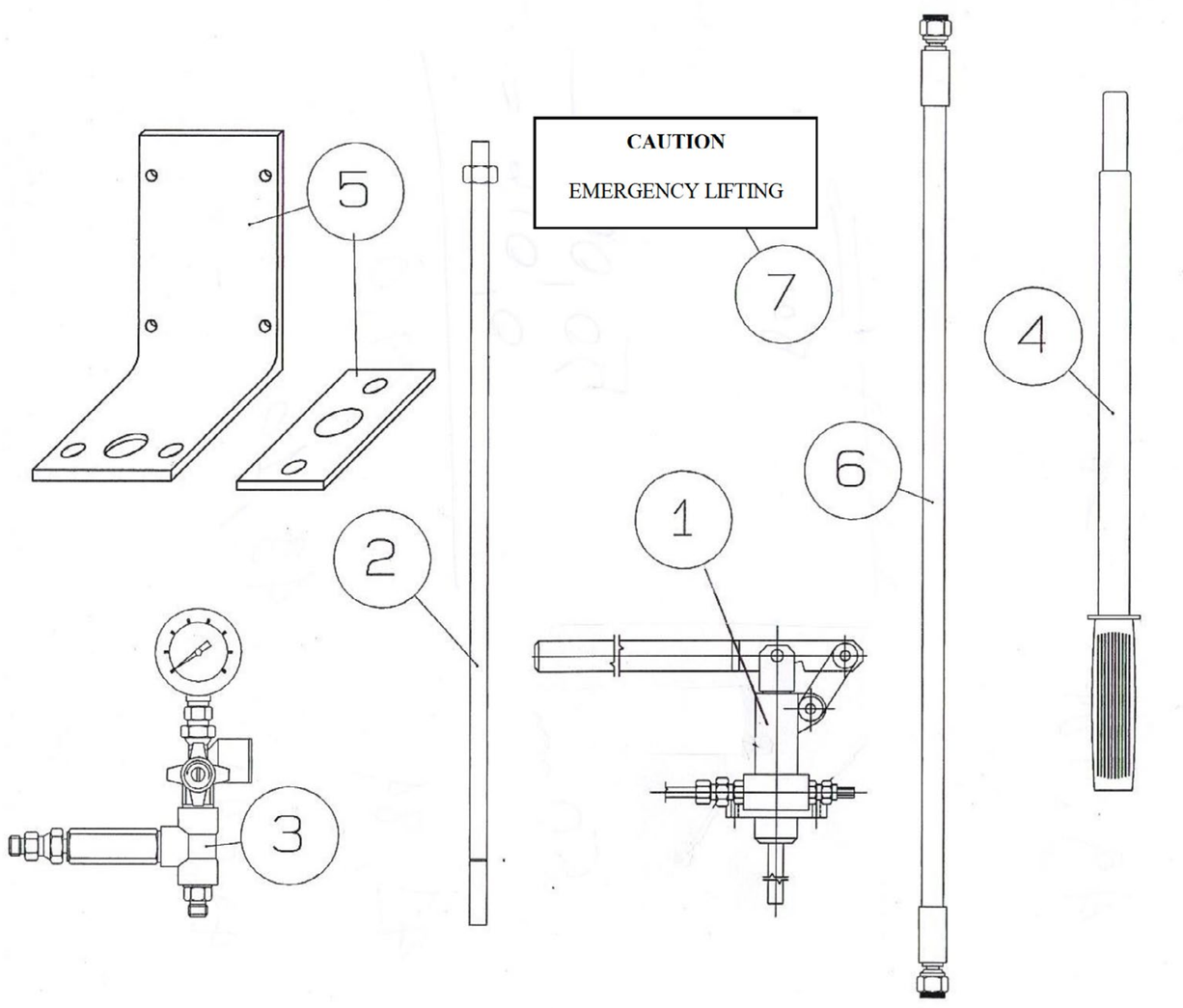
KIT FOR HAND PUMP

Modernization kit

The hand pump must be connected to the circuit between the check or descent valve and the gate valve.
The hand pump is equipped with a relief valve that limits the pressure to 2.3 times the maximum static pressure.
This assembly kit can be mounted on all types of hydraulic power units, both with the valve assembly inside and outside the fluid tank.

Materials supplied in the kit



- Hand pump (part N. 1), suction pipe L=800 mm (part N. 2).
- Hose type SAE 100 R1AT 1/4” L=800 mm to connect the hand pump / non-return valve (part N. 6).
- Fittings for pressure gauge with valve, 1/2” or 1/4” fitting for inspections (1/2” - 1/4” M/F Adapter + sealing ring in a separate package), check valve, F/M 1/4” swivel fitting, 1/2” T-fitting (part N. 3 at page 3).
- Lever actuating the hand pump (part N. 4).
- Package with connecting screws, bulkhead fitting.
- Brackets for fastening the hand pump to the power unit (part N. 5).
- Hydraulic diagram.
- “Caution emergency lifting” hand pump tag (part N. 7).
- Instruction reference manual for the modification of existing systems.

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