

## HYDRAULIC DRIVES



The brand Wittur Hydraulic Drives (once Omar Lift) enjoys the highest reputation on the market, standing for quality, reliability and safety.

Wittur HD components are designed both for new installations and modernisation projects. The range of products includes exclusive design and finishing, heavy-duty solutions for goods, public transportation and boat lift systems, as well as standard equipment, all complying with international standards.

Wittur Group strives to achieve its vision of "Excellence in Components", by offering always high quality products with best-in-class service, all over the world.

The results: high product quality, high flexibility, fast service and on-time delivery.

Wittur HD offers standard cylinder-pump unit combinations for passenger and goods lifts, with or without machine room.



**The MRL system** includes pump unit for installation in pit or cabinet, where machine room is not available

- Cabinet according to CE standards
- Tank optimised, focused on oil consumption reduction.
- Easy maintenance of the valve section: modular valve body placed in an easily accessible position
- Valve group featuring aluminum pistons with hardened surface. They offer high reliability and fast feedback to obtain a smooth car travel
- Valve group uses a patented silencing system "Kit silenzio" to reduce operating noise
- Hand pump for emergency upwards travel is integrated in the valve group, in an easily accessible position
- Wide range of models: from 55 to 300 l/min., from 3,3 kW to 29,4 kW

## Hydraulic pump unit with electronic valve

Pump units for passenger lifts using electronic valves, featuring a very low noise and a very high level of comfort during operation.

They offer a higher efficiency and energy saving up to 30% when compared to traditional pump units installed on short travel systems.

- The electronic valve modulates flows and timings, transferring less heat to oil during operation, which results into significant energy saving.
- The electronic valve compensates oil viscosity variations due to changes in temperature: smooth and constant performance is guaranteed.
- The valve is ideal for high traffic installations.
- Very accurate control of floor levelling.
- Hand pump for emergency upwards travel is integrated in the valve group, in an easily accessible position. A remote controlled version is also available
- Can be placed in a cabinet, with connection on the left or on the right.
- Wide range of models which covers any application (from 55 to 600 l/min., from 4.8 to 58.8 kW)



## Hydraulic pump unit with inverter (VVF)

Ideal for new installations and modernizations, this pump unit secures a **reduction of electricity consumption up to 48.8% and an up to 20.3% reduction of power request**, if compared to traditional pump units.

Thanks to integrated hand terminal, the setting of parameters is fast and simple.

- New valve block with integrated hand pump
- Up and down travel driven by inverter
- Up to 1 m/s speed
- Floor approach is precise not depending on the load
- Inspection and re-levelling speed are adjustable
- Available with pumps from 55 to 600 l/min and motors from 3.3 to 58.8 kW
- Best travel comfort with the less noise
- Cooling device is not needed
- Soft starter is not needed
- Starting current is cut definitively
- Micro levelling device is not needed