



Hydraulic Elevator Systems - goods only

The use of hydraulic elevator systems results in the following essential benefits when compared to traction elevators:

- » The hydraulic elevator consists of fewer components than the traction-driven one – fewer components are used especially for direct elevator systems. Pulleys, overspeed governor, safety gear or counter weights do not have to be mounted or serviced. Therefore the purchasing costs are lower and the time needed for maintenance is reduced.
- » The hydraulic elevator system offers an optimum price/performance ratio for systems with a lift height of up to 15 m. Thanks to more than 50 years of experience, ALGI guarantees a high degree in quality during the production of hydraulic elevator components. In addition, ALGI is an independent manufacturer and, as such, guarantees the open availability of all components and spare parts.
- » The energy saving frequency-controlled ECO SPIN drive offers great benefits for high-frequency elevator systems. Low heat generation, elimination of the oil cooler, reduction in energy consumption and an optimum drive comfort characterize the modern drive concept. The environmentally friendly drive concept is completed with the use of biodegradable oils. As far as energy efficiency, comfort and sustainability is concerned, the hydraulic elevator system is equal to the traction elevator.
- » In emergency situations, neither additional energy sources nor trained experts are needed. By manually pushing the emergency button on the power unit, the cabin is lowered and an emergency situation is quickly and easily resolved.
- » The use of machine roomless hydraulic solutions has been adopted by the market for many years. The power unit and the controller are mounted as one unit in a recess of the shaft wall. Access to the power unit and controller minimizes maintenance costs while increasing personnel safety at the same time.

