



SOLUTIONS FOR THE LIFT INDUSTRY

DRIVE PACKAGES, INVERTER DRIVES, ACCESSORIES

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YASKAWA – Experience and Expertise in Vertical Motion

Since 1915, YASKAWA has been producing and developing components for mechanical engineering and industrial automation systems. Both our standard products and our tailored solutions are known for their excellent quality and endurance.

The YASKAWA product range includes inverter drives, servodrives, machine controllers and robots.

VIPA has also recently become part of the company. This means that YASKAWA can now supply PLCs, HMIs and I/O components from a single source.



YASKAWA Eschborn, Germany

A Partner for the Lift Industry

YASKAWA has an impressive customer base and a wealth of experience in the field of lift applications. Countless systems move using core components produced by YASKAWA. You may not notice them at first glance.

As an OEM, we offer our partners the option of models without YASKAWA branding. We provide numerous options to meet your requirements.

- ▶ Drive packages consisting of synchronous motors and L1000A lift inverter drives
- ▶ L1000H and Blain Hydraulics valves for hydraulic lifts
- ▶ L1000V and L1000A inverter drives for modernising lift systems
- ▶ J1000 inverter for moving doors



Five YASKAWA solutions for the lift industry

YASKAWA offers solutions for numerous applications in the lift industry, from individual components for modernisations and new installations to ready-to-use package solutions.

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Drive packages with the L1000A inverter and a lift motor

Coordinated package consisting of an inverter drive and a 16 or 20-pole lift motor for cable lifts designed for loads of 400 to 2500 kg.

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L1000A universal inverter drive

The ideal inverter drive for precisely and efficiently controlling synchronous or induction motors in lift systems with or without gears.

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Modernisation kit with the L1000V

Its output range and functionality make the L1000V an affordable choice for modernising lifts with machines that do not have speed feedback. In addition, it reduces the operating costs of lift systems while providing a smoother ride.

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Package for hydraulic applications with the L1000H

An innovative new solution for demanding hydraulic lift applications. The combination of an L1000H inverter drive and an EV4 valve from Blain Hydraulics ensures a smooth ride and extraordinary energy efficiency.

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Inverter drives for doors

In addition to simple vertical motion, YASKAWA inverter drives also efficiently and cost-effectively control a wide variety of motions.



The new YASKAWA drive packages for cable lifts

YASKAWA is combining a new generation of motors for cable lifts with the proven L1000A to offer a drive package for loads of up to 2500 kg.



Get more out of existing systems

Modernising existing lift systems not only increases failure safety and provides a smoother ride, but also helps to meet today's requirements for energy efficiency.

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L1000A

The YASKAWA L1000A inverter drive for lifts is the ideal solution for the technical requirements of modern lifts. It controls induction and permanent magnet motors, and is the best choice for new installations, lifts without machine rooms and lift modernisations.

L1000V

The compact YASKAWA L1000V is the cost-effective solution for modernisations and new installation of lifts with gear motors that do not have speed feedback. By reducing its design to the essentials, this YASKAWA inverter drive combines user friendliness, stable lift performance and a durable, solid design. The L1000V's state-of-the-art control algorithms ensure an extremely comfortable ride.



The inverter drive for any application: J1000

The cage isn't the only part of a lift that moves. You can also make efficient use of the advantages of inverter drives for opening and closing the doors.

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The J1000 is a compact, lightweight inverter drive that is ideal for driving lift doors.

- ▶ Simple connection thanks to the single-phase 230 VAC supply
- ▶ Quiet, gentle opening and closing of doors
- ▶ Adjustable torque limitation
- ▶ Easily adjustable door movement





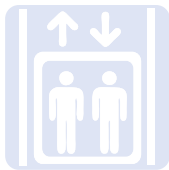
The drive package: MSYP-160 or MSYP-200 + L1000A

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The proven YASKAWA L1000A universal inverter drives are ideal for the synchronous motors being produced in Europe today, which we offer as a solution package.

Gearless, 16-pole or 20-pole synchronous motor that can be used in various cable lift designs.

- ▶ Loads of up to 2500 kg
- ▶ Speeds of up to 2 m/s
- ▶ Optional accessories: Braking resistor unit, EMC components, AC reactor in IP00 and IP20
- ▶ Can be combined with D1000 to increase efficiency through energy recycling



Solution packages for modern hydraulic lifts

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In cooperation with Blain Hydraulics, YASKAWA offers a drive package for hydraulic elevators consisting of the EV4 control valve and the new L1000H inverter drive.



With the new L1000H inverter drive and the EV4 control valve from our partner Blain Hydraulics, YASKAWA is offering an energy-efficient solution for demanding hydraulic lift applications. Upward travel is controlled by the inverter and downward travel is controlled mechanically. Other than the connection of the magnetic coils, the controller works without pressure sensors or flowmeters.

- ▶ Simple but durable system – no motor encoder, no valve control card, no flow or pressure sensors
- ▶ Optimal travel curves regardless of load, oil temperature or season
- ▶ Simple, fast setting process
- ▶ Energy-efficient – low standby power output
- ▶ Low-maintenance thanks to gentle mechanical processes and the low oil temperature



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