

Folding arm (VL) EcoDrive

Safer, easier and more efficient



JOAB
EcoDrive >>>

New and improved functions

- ✓ FUEL SAVING
- ✓ MODULAR CONSTRUCTION
- ✓ LESS ENVIROMENTAL IMPACT
- ✓ FEWER WIRING COMPONENTS
- ✓ BETTER HYDRAULIC SYSTEM
- ✓ INFORMATION DISPLAY
- ✓ OPTIMISED FOR ELECTRICAL OPERATION



ADVANTAGES FOR YOU AS HAULAGE COMPANY OWNER/ USER

COMFORT

Our EcoDrive control system, which is patent applied for, makes for a smoother driving experience. The new improved hydraulic system makes the driving experience smoother and easier. Smoother travel counteracts cracking.

SERVICE FRIENDLY

Reduced number of hydraulic components give a robust design and thereby less service maintenance as well as the option of online support.

ECONOMY AND ENVIRONMENT

Up to 60% energy saving can be achieved by our newly designed pipe routing and optimised hydraulic valves.

SAFETY

With monitored hydraulic functions and two circuit systems the system will not give any unwanted movements.

ADVANTAGES FOR YOU AS BODYBUILDER

MODULAR CONSTRUCTION/DHC
The EcoDrive lift can be easily equipped with auxiliary functions, even after manufacture, which creates greater flexibility. It has the same layout as EcoDrive hook lifts as well as common components, which contributes to shorter assembly lead times.

PUMP SELECTION

The system manages both variable and fixed flow, change between these occurs via one simple operation.

ELECTRICAL OPERATION

Optimised and prepared for electrical chassis of all brands, which gives superior battery range.

PLUG AND PLAY

Our new system does not require any computers to start or be calibrated.

CAN GATEWAY

The system manages all major chassis brand's CAN interfaces and self-adjusts. This saves you, as a bodybuilder, time when connecting chassis functions such as start/stop and manual throttle.



Control panel outside

STANDARD FUNCTIONS

SHAKE CONTAINER

Function that makes it possible for the driver to shake the container to unload a cargo smoothly.

QUICK OPERATION

50 % snabbare hävfunktion jämfört med traditionella liftdumprar.

INFORMATION DISPLAY

Easy to use information display that gives an easy overview of all the functions of the lift.

CONTROL PANEL ON THE OUTSIDE

Standard function on the left-hand side. Equipped with quick stop.

OPTIONAL FUNCTIONS

ROTATOR

Improved function and smoother control with EcoDrive.

SCALES/WEIGHT INDICATION

Ability to weigh the container through the hydraulic system and have it displayed (radio) – a safety aspect for the driver who knows how much weight can be legally transported.

RADIO CONTROL

Proportional radio control of the skip loader's main function, with an exception for extension, tip hook and rotator with on/off.

CONTROL PANEL ON THE OUTSIDE

Option of control panel on the right-hand side as well. Equipped with emergency stop.

HYDRAULIC LOAD SECURING

Load securing with monitoring that secures your load.

HYDRAULIC EXTENSION

For extra container space.

Enviromental & financial

- » Reduced energy consumption
- » Weight optimised design
- » Less fuel consumption
- » Less environmental impact
- » Cost effective
- » Optimised for electrical operation
- » Easier to post-supplement with functions thanks to smart modular construction

Efficiency & safety

- » 50% faster lift function out
- » Monitored safety functions
- » Safer and faster hydraulic system
- » More efficient and safer load handling

User-friendliness

- » Better operational precision and smooth and comfortable operation with radio control
- » Increased safety thanks to the newly designed hydraulic system
- » Load compensated speed – smoother and safer movements at high speeds

Service & product lifetime

- » Less skip loader load
- » Longer pump service life
- » Easy access to service on the road (SOS)
- » Reduced risk of downtime



Radio control

What is EcoDrive

All moving machines have always worked in a similar way - an engine that combusts fossil fuel converts its energy into motion through either direct mechanical movements or hydraulic movements.

Our patented EcoDrive allows us in practice to use all available kinetic energy and safely control this movement. This reduces the pump's working hours by up to 50%.

EcoDrive performs a large part of the machine's movements using the load it carries and is completely self-optimizing and without calibration.

JOAB is a leading company within the truck bodybuilding industry, with nearly 60 years' experience. We develop, manufacture and sell skip loaders, hook lifts, fixed beds with cranes, the market's smartest swap system Cameleont™ as well as RCVs. JOAB is also the exclusive distributor of HMF cranes in Sweden and Finland.

We operate in the Nordic countries and export to Austria, Switzerland and the Baltic countries, among others. Our customers are private and municipal recycling contractors, hauliers, truck manufacturers, truck dealers and other bodybuilders who want proper products and exemplary available service wherever they are.

Interested? Contact us or your nearest dealer!

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