

A few words from the CEO

A new crown jewel in our range

Time off work? Of course, even here at EdmoLift we have treated ourselves to some free time this summer, but primarily we have been honing our organisation and our total product range further. We have cut our lead times significantly – and most of all, we are proud to now be able to offer the world's first hydraulic lifting table in standard design that meets the toughest classification, category 5, in accordance with the lifting table standard, EN 1570-1.

It was its talent for innovation that once upon a time laid the foundation for EdmoLift as a company, and that is still a characteristic that is absolutely crucial for us. Our R&D department works constantly with developing our product range, but with our latest product, the HDL 2000, our engineers have taken us to a completely new level.

"Category 5" is the industry term. Productivity and reliability are basic descriptions and that is what it is all about. A lifting table with extremely high demands on the materials and precision in all of its parts, a product that can withstand heavy loads and many cycles in continuous operation with lube for life bearings.

The HDL 2000 is the crown jewel of our product range and its modular design opens up the possibility of a completely new programme in category 5, and also means that EdmoLift can now seriously start to process new market segments. The HDL 2000 also gives us an alternative for the major system builders who design whole production lines for industries, including the processing and manufacturing industries.

▶ Read more about HDL 2000 on the next page.

Over the last few months we have also implemented a number of actions to cut our lead times. We have learned a lot from the busy autumn 2018 when our overfilled order book made it difficult to deliver on time.

Now we have, among other things, reviewed holiday planning, recruited and moved to two shifts in several parts of the company. In this way, we have been able to build up a stock of 130 products and have managed to considerably reduce the time between order and delivery. Good – because we want our delivery times to be just as competitive as our products!

EdmoLift has also, as the major shareholder, carried out a real restructuring of the organisation at LiftPro Nordic. The company has great products and good sales, but has not had sufficient cost control.

The changes that we have now made mean that the organisation is younger and we have added new skills. Changes include a new production manager and new design manager which makes the future extremely exciting at LiftPro Nordic.

During the summer, I have also managed yet another visit to our production partner, Giant-Move Equipment in Changzhou, China. We have now begun our 21st year of cooperation and it is wonderful to see how rapidly developments are moving forward in both China and the company. Giant-Move Equipment is really investing in a continued partnership, both in the form of new technologies and through focused work on sustainability and the environment. 🌱

**HDL
2000**



SMART LIFTING SOLUTIONS



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The world's first standardized category 5 lift table has been launched

Two years of intense development and test runs are finally over. Today, EdmoLift launches the first standardized category 5 hydraulic lift table – the HDL 2000.

”We have seen an increased demand in lift tables designed for intensive operations and with a long lifespan. Now we have that product in our product range, says EdmoLift Sales Area Manager Tomas Edmo.”



EN 1570-1 CATEGORY 5
Highest durability rating available for lift tables

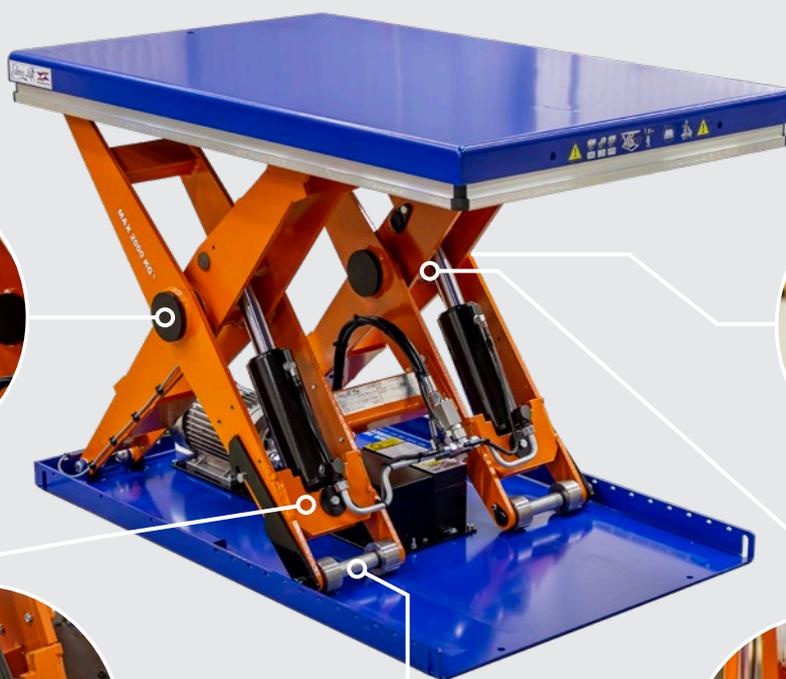


BUILT TO LAST
More than 512 000 lifting cycles with rated load



INTENSIVE OPERATION
Designed to operate 24/7 without maintenance

HDL 2000



Dual flat steel scissor arms



Lube for life bearings



Reinforced lower cylinder bracket



Steel wheels



Reinforced upper cylinder bracket

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- ▶ Category 5 is the highest classification of lift tables under the lift table standard EN 1570-1 and means that the product has a lifespan of at least 512 000 lift cycles while being fully loaded. In order to meet the customers' need for lift tables that can be used in demanding and intensive environments, lift table manufacturers' have previously been forced to provide custom solutions for each individual case based on standard models of existing lift tables. With the introduction of the HDL 2000 to the market, EdmoLift has now taken the important first step of making bespoke lifting solutions for the heavy industry easily accessible through standardized category 5 lift table models.

The ambition is that the HDL 2000 will shortly be followed by more products according to the same concept. In particular, Tomas Edmo sees two areas where there is a substantially high demand for category 5-lift tables:

- ▶ Automated production lines that are running around the clock.
- ▶ Production environments where every disruption is connected with high costs.

"In these types of situations a HDL 2000 works as an insurance. You pay a little extra for a product that you know is virtually maintenance-free and strikingly durable. At the same time, it is not much higher in price than a "regular" lift table – the competitors' unstandardized solutions are considerably more expensive – so we have been able to create a very unique and price competitive product, says Tomas Edmo."

The process of developing the new concept started about a two years ago. EdmoLift's product development engineer Lennart Rösblad took on the mission of creating a product that would be able to withstand the demands of category 5 and be able to run around-the-clock loaded with 2000 kilograms.

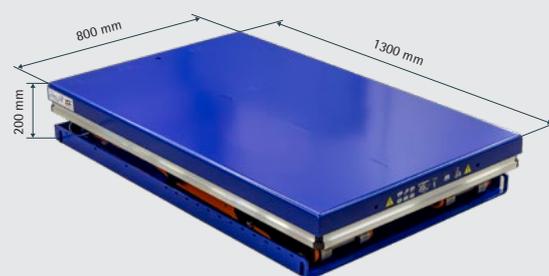
Lennart tried different concepts, drafted up models and made extensive calculations. A central part in the new line of lifting solutions was to establish a design that strengthens the scissor's areas that are exposed to immense pressure as it prolongs the lifespan of the lift table significantly. The result of Lennart's



COMPACT DESIGN
Extremely compact with only 200 mm closed height



SYSTEM INTEGRATION
The durability and compact design makes this product perfect for system integration



work is a lift table with two pairs of scissors made of flat steel. The two pairs of scissors are separated from each other while each pair is joint with a bolted intermediate. This results in a very strong construction and extreme stability in all directions. Furthermore, the table comes with rigorously designed lube for life bearings.

"The design of the lift table is developed in a way where it can easily be made larger which allows for a seamless transition into new category 5 products. We saw the opportunity for a completely new product segment for EdmoLift and acted thereafter, says EdmoLift's Head of Design, Hans Vikström, and also highlights the format as a big advantage. Many manufacturers try to guarantee a long lifespan by selling an overdimensioned lift table that is used for working with weights clearly lower than what it is intended for. The HDL 2000's immense durability rests upon smart innovation, high quality and competitive test runs. It is as compact as a regular lift table, with the same lowest height and lift stroke, but lives 4 to 16 times longer than standard lifting tables from category 1 and 3."

HDL 2000 PRESENTED AT TRADE FAIRS IN DENMARK AND SWEDEN



Car-O-Liner replaced forklift trucks with tugs



Peter Hedenström, production manager at Car-O-Liner in Kungsör

More and more companies are moving away from forklift trucks for handling internal materials for safety reasons.

Since the spring of 2019, Car-O-Liner at Kungsör has carried out a lot of its heavy transport using Movexx T6000 tugs from EdmoLift – and is very pleased with the result.

“The tugs give us a completely new concept for internal transport. We have got a much safer working environment, but also more efficient and customised transport,” says Car-O-Liner’s production manager, Peter Hedenström.

Car-O-Liner develops and manufactures systems for repair and inspection of vehicles damaged in collisions. For more than 45 years, the company has provided the automotive industry with innovative solutions and is currently the leading market 

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player, with customers across much of the world.

In 2016, the company was acquired by the huge American toolmaker Snap-On and a comprehensive project was started to make the company more efficient at all of their units.

At the facility in Kungsör, where they mainly work with manufacturing, the focus quickly turned to the heavy material transports. A lot of the work of moving and transporting materials was performed using forklift trucks, even indoors.

“We wanted to get away from using the forklift trucks indoors in order to reduce the risk of accidents and so we began to look at the options. We wanted to check out tugs and this is how we got into contact with EdmoLift, who offered us a test.”

Car-O-Liner quite simply borrowed a Movexx tug, and tried it out for a couple of weeks on the heavy indoor transports that were previously carried out with forklift trucks.

The requirements were high because the tug had to manage loads of around five tons while remaining safe and easy to manage inside the facility where there were differences in levels in the various departments.

The test was successful, and Car-O-Liner finally decided on two of the largest models of tugs, the T6000, with a capacity of 6 tonnes. Today, the tugs are the only means of transport in the process in which the company’s huge jig benches are produced.

“Pretty soon, we developed our way of working by hooking on more trolleys and building a train with all of the parts that are needed for assembly, everything from the several-tons platform to smaller parts and accessories. Everything can be found on the “milk round”, as we call the train. In addition, everything is in the right place when the “milk round” comes, so we have reduced unnecessary lifts and we don’t have to move parts. The whole flow is much more suitable today,” says Peter Hedenström.

EdmoLift’s salesperson Niklas Fällström thinks that Car-O-Liner is a great example of how a company can work with tugs to improve its materials handling.

“A very drastic change is taking place here, and not just in Sweden. Many multinational companies have taken strategic decisions to remove all forklift trucks indoors and the Car-O-Liner example shows that tugs cannot just replace forklift trucks in many environments, but can also contribute to a more efficient way of working. In addition to increased safety



A Movexx T6000 allows for safe and effective movement of multiple trolleys at the same time.

and the opportunity to make the flow more efficient, Niklas Fällström points out several other advantages with the tugs.”

- ▶ It doesn’t require a forklift truck driver licence.
- ▶ It is cheaper - often a lot cheaper - than a forklift truck.
- ▶ It requires unbelievably little maintenance.

The electrically-powered Movexx tugs also run for a long time on one charge and they charge quickly. If you have a three shift system, it is completely sufficient to let the tug charge overnight.

The move from forklift trucks to tugs was very successful for Car-O-Liner and production manager Peter Hedenström can see significant opportunities to also use tugs for other tasks at Kungsör.

“What we have done now is just the beginning. Our goal is to remove all forklift transport indoors and we have many materials that are transported at the facility today: cardboard, wood chips, containers - in the long term, all of them will get tugs. The possibilities are endless!” ☺

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