

Product Launch

Rotating head

Cobot

Cobot Lift

Cobot Lift | Denmark | 18.01.2021

Background

Cobot Lift is a born global company founded in Slagelse, Denmark in 2018 by two ambitious entrepreneurs and innovators Henrik Elm Gulløv and Flemming Bischoff Truelsen. We are dedicated to make the world a better place with collaborative robots by automating handling up to 45kg.

The cutting-edge Cobot Lift technology combines the strength of a vacuum tube lift with the intelligence of a collaborative robot and boost the power of the Cobot. With this new hybrid technology several completely new opportunities for automation opens and these sometimes require new accessories to be developed to grasp the opportunity.

In 2020 we introduced the Cobot Lift booster valve that improved the gripping technology and enabled consistent lifting of sacks (5-45 kg) and brings us closer towards the goal of being able to handle batch size one for heavy parcels.

This year (2021) we are proud to now introduce the Cobot Lift Rotating Head which enable a product to turn 360 degrees. This is mission critical in many palletizing applications. We hope you like it and it can enable you to do more automation!

In 2020 Cobot Lift was recognized a one of the Top 10 Robotics Solution Providers by CIO Applications Europe. Today, Cobot Lift is an honored member of the biggest European robot cluster and start-up hub Odense Robotics and a certified UR+ partner of a global collaborative robots market leader Universal Robots. The rapidly growing request of automation has already made it possible for Cobot Lift to supply with our solution in more than 26 countries.



We would like to present our new amazing solution - The Cobot Lift Rotating Head

With the new Rotating head, it now allow us to rotate items or products 360 degrees for optimal placement of the product. This is very useful when palletizing items where the label must face outward on the entire pallet.

The rotating head can be mounted with a quick connector which makes it possible for customers easily to integrate the solution to their existing Cobot Lift. With the quick connector you can easily change the rotating head with any other head in a matter of seconds.

At the same time, the rotating head allows us to make maximum use of the range, which means that we get additional 150mm range (currently range is 1300mm by default) and we can often save cycle time on the palletizing task or routine as the extra joint of the rotation allows us to make the robot's movements simpler.



Watch our video of the Rotating head in action





The system of the rotating head is controlled from the robot's teach pendant and the functionality can be freely integrated in our URCap.

Increased flexibility with quick connectors

The rotating head can be mounted with our quick connector system. This enable customers to change end effectors in a matter of seconds if they are using the Cobot Lift to handle different products or connecting a manual handle for increased flexibility and reliability.



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