

# Clip, Stop, and Go - igus Linear Carriage to go with new Locking Function

*drylin® W clips carriage ensures quick assembly directly on the rail and easy handling*

UNITED STATES, February 14, 2023 /EINPresswire.com/ -- The motion plastics specialist igus® has introduced an exciting new variant of the clip-type linear carriage. This new development combines the practical mechanism of installing the carriage in place or removing it using a clamping function.

The new linear carriage from igus is unique. It can be mounted directly on the linear rail in seconds, disassembled and locked with a clamping lever. In this way, for example, operating panels, camera systems, measuring and testing units as well as tools can be transported practically from A to B.

Simply remove the linear slide from the rail, place it on another guide and fix it in the appropriate position. Introduced as a study at the end of 2021, the slide with a new locking function is now going into series production.

"The idea for developing the carriage came from our customers in the cabin interior. Here, the wish was to be able to move operating panels ergonomically and also to be able to remove them and take them with us, if necessary," explains Michael Hornung, Product Manager International drylin Linear Technology at igus GmbH.



Three in one: The new clips slide from igus can be mounted on the linear rail, dismounted, and locked with a clamping lever in seconds. As a classic drylin W linear slide, it ensures simple and easy adjustment. (Source: igus GmbH)

Thus, the clips carriage with a simple assembly and disassembly function was developed for the [drylin W linear guide](#). The assembled equipment can be removed from the guide rail on the spot, taken to another booth and also safely locked in with just one movement. The first prototype was immediately well received. Constructive feedback led to further development.

"The customer's wish was to also be able to lock the carriage, so we have now integrated the clamping into the clip carriage in the series," explains Michael Hornung.

#### Three functions combined in one carriage

As a series, the slide now combines a total of three functions. It is the only linear slide in the world that can be simply clipped onto a linear rail. The user can mount the rail from wall to wall and does not need to plan any additional installation space for mounting the slide. In addition, it is a classic drylin W linear slide for simple and easy adjustment.

Thanks to sliding foils made of tribologically optimized high-performance plastics, the carriage glides on the rail without smearing and quietly. Dirt and dust cannot adhere, and even moisture and water are no problem for the carriage. Learn more about the clip [here](#).

The new clamping lever fixes the carriage in place and protects against vibration and unintentional adjustment. The lever can be variably adjusted according to customer requirements.

In addition to customers from the interior sector, the new linear slide has also attracted the attention of many other interested parties, both from the machine tool sector for the variable use of testing and measuring systems and tools from machine to machine as well as from building and camera technology.

Learn more about drylin W linear rails for smooth gliding here: <https://www.igus.com/info/linear-guides-drylin-w-overview>

#### PRESS CONTACT:

Michael Rielly  
1.800.521.2747  
mrielly@igus.net  
[www.igus.com](http://www.igus.com)

#### ABOUT IGUS:

igus GmbH develops and produces motion plastics. These self-lubricating, high-performance polymers improve technology and reduce costs wherever things move. In energy supplies, highly flexible cables, plain and linear bearings, and lead screw technology made of tribo-polymers, igus is the worldwide market leader. The family-run company based in Cologne, Germany, is represented in 35 countries and employs 4,900 people across the globe. In 2021, igus generated a turnover of €961 million. Research in the industry's largest test laboratories constantly yields

innovations and more user security. Two hundred thirty-four thousand articles are available from stock, and service life can be calculated online. In recent years, the company has expanded by creating internal startups, for example, ball bearings, robot drives, 3D printing, the RBTX platform for Lean Robotics, and intelligent "smart plastics" for Industry 4.0. Among the most significant environmental investments are the "chainge" program – recycling used e-chains and participating in an enterprise that produces oil from plastic waste.

Michael Rielly  
Iigus  
mrielly@igus.net

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