

Video of the Week – How fast does the drylin delta robot operate?

Based on three maintenance-free drylin ZLW toothed belt axes, the drylin delta robot is particularly suitable for simple assembly tasks, pick and place tasks, as well as applications in test & measurement.

In this week's video, we see the drylin delta robot in a PCB assembly application. The three NEMA stepper motors and encoders driving the belt axes ensure a pick rate of at least 60 per minute with a precision of ± 0.5 mm. The complete system, which is available directly from stock as a kit or delivered pre-assembled ready to install, has an installation space of up to 420 mm in diameter.

Its maintenance-free belt drive units, lubrication-free link rods, encoders and stepper motors combine to create a lightweight design. The typical ROI period for the drylin delta robot is estimated at just six months, this compares favourably to the industry's rule-of-thumb target of two years.

To watch the video of the drylin delta robot in action, please visit: www.igus.co.uk/fastdelta

For more information about the drylin delta robot, please visit: www.igus.co.uk/deltaassembly or call igus directly on 01604 677240.

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About igus:

Based in Northampton in the UK and with global headquarters in Cologne, Germany, igus is a leading international manufacturer of energy chain systems and polymer plain bearings. The family-run company is represented in 35 countries and employs 3.800 people around the world. In 2017, igus generated a turnover of 690 million euros with motion plastics, plastic components for moving applications.

With plastic bearing experience since 1964, cable carrier experience since 1971 and continuous-flex cable since 1989, igus provides the right solution based on 100,000 products available from stock with between 1,500 and

2,500 new product introductions each year. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

The terms igus, chainflex, CFRIP, conprotect, CTD, drylin, dry-tech, dryspin, easy chain, e-chain, e-chain systems, e-ketten, e-kettensysteme, e-skin, flizz, ibow, iglide, iglidur, igubal, manus, motion plastics, pikchain, readychain, readycable, speedigus, triflex, plastics for longer life, robolink and xiros are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

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