

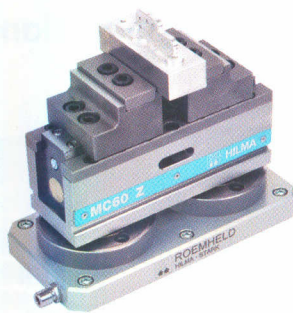
World's smallest zero point module

Roemheld claims that the latest addition to its Easy Click range of Zero point systems is the smallest available in the market.

At a height of just 19mm and a diameter of 85mm, the new Stark Easy Click module system from Roemheld has been designed to meet the demands of designers and production engineers looking to utilise every millimetre on machine tables and assembly areas, as well as creating new opportunities to use a quick change system within automatic applications.

The Easy Click zero point module system offers tremendous advantages for handling and safety as the mechanical fast-closing clamp engages and holds immediately without any energy supply. Release time is just 0.1 second.

The system is easy to use in both cutting and non-cutting applications and in multi-axis machining. The short clamping times enable it to be used as a construction element in production lines and automated cells. Its compact size has been designed specifically for use in narrow spaces, with retractable nipples of only 12mm in length delivering



Easy Click in automatic applications

shorter extraction distances. Applications include automation and assembly and the system is ideal for oil-free production for industries such as food, medical and chemical.

With a range of installation options available, the Easy Click zero point module system is a very versatile and compact element.

See Roemheld zero point mounting systems in action on YouTube at:

<http://www.youtube.com/user/RoemheldUK>

Roemheld is committed to researching and developing products designed to meet not only



Module Easy Click, 12mm low height retractable nipples

the demands and expectations of today's discerning buyer, but also emerging markets and applications. Through continued improvement of products and services, the Roemheld Group intends to remain an innovator at the forefront of technology providing 'All your workholding needs from a single source'.

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Patented large through-hole air chuck

Autogrip Machinery exhibited its new, Patented AP range of large through-hole 3-jaw power chucks with integrated air cylinder at the recent EMO exhibition in Hanover.

Represented exclusively in the UK and Ireland by Tamworth-based workholding specialist, Leader Chuck Systems, Autogrip's extensive range high precision power chucks and rotary cylinders was extended at the show with the European launch of the AP range. Available in four through-hole diameters, 52, 66, 86 and 115 mm, the AP range features an integrated pneumatic cylinder which powers the opening and closing of the chuck jaws. This design negates the need for a draw bar to provide the jaw clamping force, resulting in a larger through bore capacity for bar feeding raw material.

Although the AP chucks have been extensively tested and proven by Autogrip to maintain internal air pressure for more than two weeks, a pressure detection device is built into the chuck to guarantee safe operation up to maximum speeds that extend from 4,200 rpm for the AP-52 to 3,000 rpm for the AP-115.



Speaking at the international exhibition, Leader Chuck's managing director, Mark Jones, explained: "Autogrip has an established reputation for producing high quality workholding products, manufacturing power chucks and hydraulic rotary cylinders for a number of world class OEM machine tool builders. The Patented new air supplied chuck is even further proof of the company's technical capability, offering a complete range of cost-effective workholding solutions."

Based in Changhua County, Taiwan, Autogrip Machinery has been producing its extensive range of precision chucks for over two decades. Today, the ISO 9001 accredited company employs around 600 people and produces a wide range of standard and special high rigidity, high precision power chucks and rotary cylinders.

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