

UR SERIES RECIPROCATING SCREW BLOW MOLDING SYSTEMS



THE LEADER IN RECIPROCATING TECHNOLOGY



Uniloy introduced reciprocating screw blow molding technology to the marketplace in 1963.

Since that time, Uniloy systems have become the industry-standard for dairy applications, and have been broadly applied in other packaging and non-packaging applications. With thousands of systems installed worldwide, no one has more experience than Uniloy.



APPLICATIONS

Dairy product containers
Water, juice, and drink containers
Food containers
Household chemical containers
Automotive products
Recreational products

TOTAL TURNKEY SOLUTIONS

In most cases, a packaging system requires more than just a blow molding machine. That's why Uniloy offers total turn-key solutions that can include everything from resin handling to conveyors, trimming, and scrap handling. We can even help with plant design and start-up.

You can't make world-class containers without molds. Uniloy Milacron is one of the largest manufacturers of blow molds and related tooling in the industry. Our services include container design, engineering, and tooling fabrication – even mold refurbishing to extend the life of your investment.

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WIDE RANGE OF SYSTEM CONFIGURATIONS

Uniloy offers processors a choice of machine configurations to match trimming requirements in your application. We offer three primary systems:

ROTARY TRIMMER

The simple design of the rotary trimmer requires minimal maintenance, yet it enables high-speed operation.



IMPACT TRIMMER

For easy integration into existing processes, and operation at moderate speeds, many processors choose the Uniloy impact trimmer.



SPIN-OFF TRIMMER

For non-handled containers, the Uniloy spin-off trimmer is an ideal solution. With a robust, simple design, the spin-off trimmer provides reliable operation and an excellent finished product.



Uniloy UR technology helped to dramatically reduce labor costs and complexity by developing a blow-molded headrest skin of a mid-priced automobile that speeds manufacturing.

ADVANCED TECHNOLOGIES

Uniloy continually strives to improve the art and science of blow molding for greater efficiency, innovation, and lower cost per finished container. That's why we're always introducing new technologies for our machine systems. The latest include:

CLEAN BLOW

Designed for high-volume integrated container manufacturing, Uniloy's clean-blow systems feature sterile blow air and an enclosed, pressurized clamp area for bacteria-free finished containers in a wide range of styles.

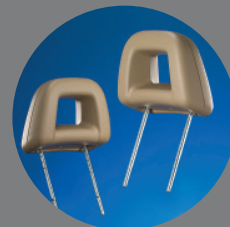


NECK-TO-NECK

Uniloy's neck-to-neck technology enables simultaneous blowing of two non-handled containers of less than 1 liter. The result is twice the output from a single machine, typically without needing a larger extruder.

UNILOY – WE'RE MORE THAN DAIRY PACKAGING

While the UR Series is the market leader in dairy, its robust design and flexible configuration make it ideal for many other applications – both packaging and non-packaging. Packaging products include juice, water, and other beverage containers, as well as household chemical products. Automotive, recreational, and light industrial products are a few examples of non-packaging applications.





UNRIVALLED, UNIQUE, UNPARALLELED – THAT'S UNILOY

Today's manufacturer needs more than just machinery, they need productivity, innovation, and efficiency. For over five decades, that's what Uniloy has delivered. From our development of the first commercial plastic dairy gallon containers, to our origination of structural foam molding technology for lightweight, rigid parts – and beyond to advanced neck-to-neck machines that double output from a single molding system. We remain at the forefront of innovation.

The Uniloy team knows the big picture of processing. That's why we deliver with cutting edge machine systems, advanced molds and tooling, exceptional aftermarket support, and the know-how to bring your ideas to life – quickly, profitably, and with a global perspective.



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