



ACHIEVE MORE EFFICIENT, SUSTAINABLE OPERATIONS:

***UNILOY UIB 85.E INJECTION BLOW
MOLDING MACHINE & UI60.E INJECTOR***

THE SITUATION

Uniloy works closely with customers to help them achieve greater efficiency and develop more sustainable manufacturing operations. When a customer came to us to help them reduce their energy usage and eliminate the use of oil in their blow molding machines, our team of experts collaborated on the development of a new Uniloy product offering.



 **UNILOY®**

THE STRATEGY

The Uniloy team developed an all-electric injection blow molding machine, the UIB 85.E, along with its UI60.E injector. Featuring 75 tons of injection clamping force and 18 tons of blow mold clamping, the machine is configured for the production of different types of containers from 5 ml to over 250 ml, for different types of resins (HDPE/PP/PET/COC/COP, etc.) and for medical-pharma and cosmetic applications. This state-of-the-art injection blow technology has the lowest average power consumption on the market at 10 kW, 50% energy savings over a traditional hydraulic machine. The UI60.E all-electric injector is designed also to be used on shuttle, industrial and recip machines.

THE RESULTS

Uniloy is helping customers reduce their carbon footprint with the all-electric UIB 85.E blow molding machine and its UI60.E injector. Not only does it save energy and eliminate the use of oil, it's quieter and cleaner, ideally suited for cleanroom or aseptic manufacturing environments. We're currently developing larger UI60.E injectors suitable as retrofits on existing machines.



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**STATE-OF-THE-ART
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