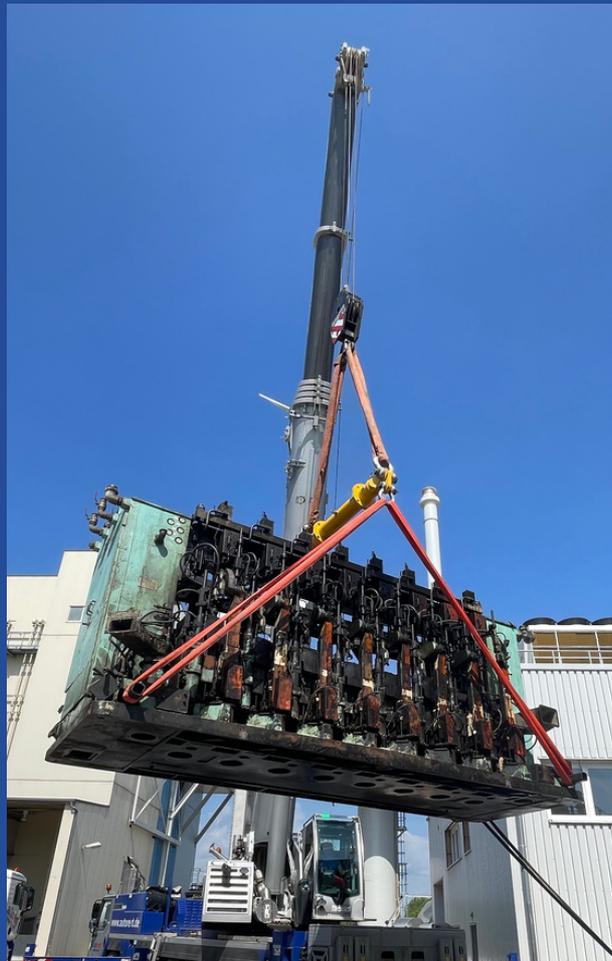




IS Machine Experts



www.eff-solutions.de

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Portfolio



About Us



EFF - your competent and experienced partner in the container glass industry for everything to do with the IS machine. The entire EFF team has set itself the task of using all of its experience to support our customers in achieving their goals and the associated increase in efficiency in the field of container glass production. We rely on many years of experience in a wide variety of areas and competently combine total customer focus with new ideas. Hand in hand with our customers, we achieve their goals and are always there for them. We provide support in the following areas:

IS Renewed & Services



Lifting Devices

Air Ventilation Systems



IS Working Equipment



IS Renewed

Whether A-/B-/C repair or general overhaul: our workshop is designed for every mechanical and electrical requirement and IS machine type/manufacturer.

Modernizations such as the interchange to e.g. the latest Electronic Timing Systems and Servo Drives are part of our daily work. By regular maintenance & overhauling of (for example) IS Mechanisms and Feeders, we support the daily duties of IS Workshops just in time.



- focus on highest quality & shortest project times
- long-term guarantee on all our work
- we own a stock with used parts





Services



IS:

- mechanical & electrical installations & modernizations
- IS machine transportation
- IS conversions
- audits
- mechanical training
- production training



Cold End:

- repairs & installations of inspection machines



Our EFF Service Team consists of real professionals that all come from IS machine OEM's and other glass industry companies. During each service we utilize our combined experience to satisfy every one of our customer's projects.

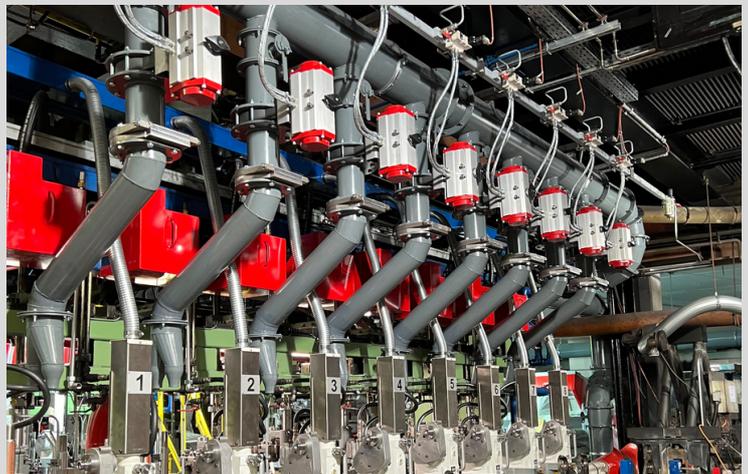
EFF's professional project management accompanies each project starting with it's first idea, ending with after sales support.





Air Ventilation Systems

EFF is your supplier for complete ventilation systems. When designing, we start with your product portfolio and develop your system tailored to your requirements. Successful cooperation with well-known fan manufacturers or electronics partners underline our holistic approach. In addition, we are also happy to implement your standard on request.



- cooling systems for:
IS machine, vertiflow, conveyor, feeder
- furnace cooling
- automatic control system with sensorics





Lifting Devices

- different blank side lifting devices
- different blow side lifting devices
- special solutions in and in front of IS machines
- own IS electro panels with integrated lifting system



Ergonomics and safety have also become important factors in the container glass industry. EFF offers various lifting systems for the blank- & blow-mold side of IS machines. All our systems - whether special constructions or our standard - are adapted to your individual needs and the respective environment. With a maximum load of 250 kg, our systems are driven electrically or pneumatically. We also like to integrate pneumatic balancers.



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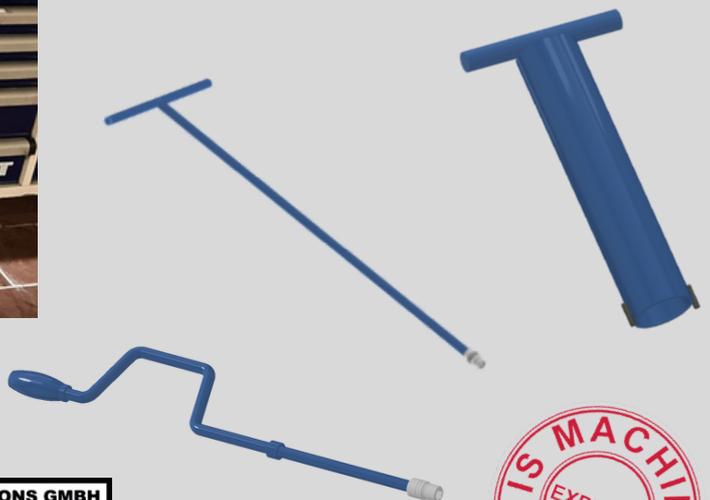
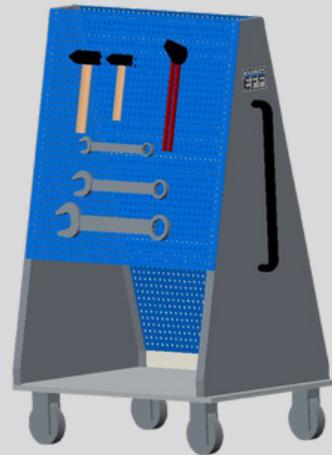
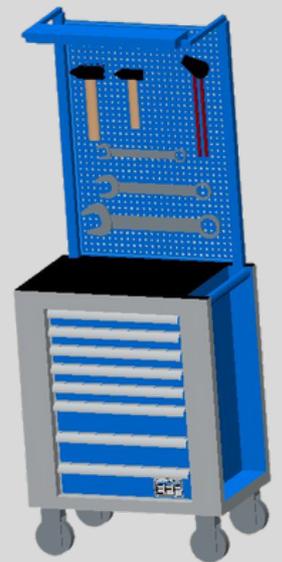


Working Equipment



Based on our experience, we know that operation, production and maintenance of a complex IS machine is not possible with standard tools from free trade. Whether Emhart / GPS / Heye - / or Bottero machines - all require special solutions.

EFF is offering exactly such solutions. Individually tailored to your needs – also in direct combination with tool trolleys, workbenches, operator panels, buffing stations and much more. Proved!





EFFicient Solutions GmbH

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