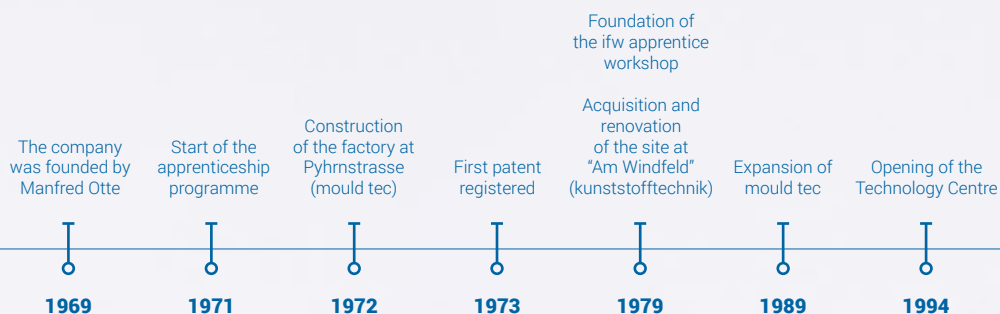


INJECTION MOULDS & INJECTION- MOULDING CONTRACT MANUFACTURING

for optimum production efficiency



HIGH-TECH MOULDS & COMPONENTS FROM IFW – LIGHT YEARS AHEAD. 50 years ago, ifw made its debut as an innovative player in the development of high-quality mould systems. Much has changed since then. Our expertise, innovative strength and know-how have made us an international technology leader with products marked by extraordinary precision and exceptional durability. The business activities of ifw span all around the globe, our customers rely on our company as their innovative and solution-oriented partner in the pursuit of strengthening their competitive edge. **ifw – great solutions for big ideas!**



OVERALL SOLUTIONS for continuous success.

The ifw group is an international technology leader in high-tech mould making for plastic pipe fittings and moulds for specific applications as well as contract manufacturer of custom made plastic parts.

Our name stands for innovative capacity and consistency. The company was founded in 1969 by Manfred Otte and has consistently grown to become the market leader in the development and manufacture of precision moulds for fittings.

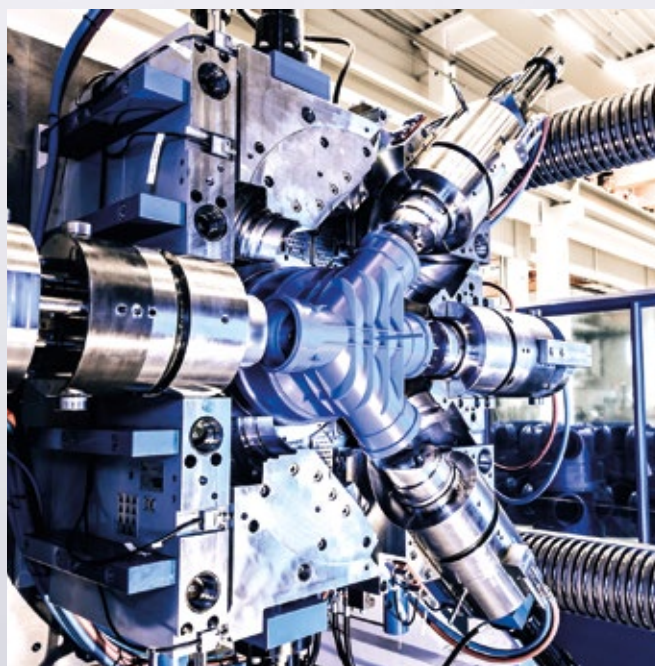
To permanently expand our services to our customers we continuously invested in contract manufacturing. Now we have more than 20 state-of-the-art injection moulding machines ranging from 120 to 3,200 t clamping force.

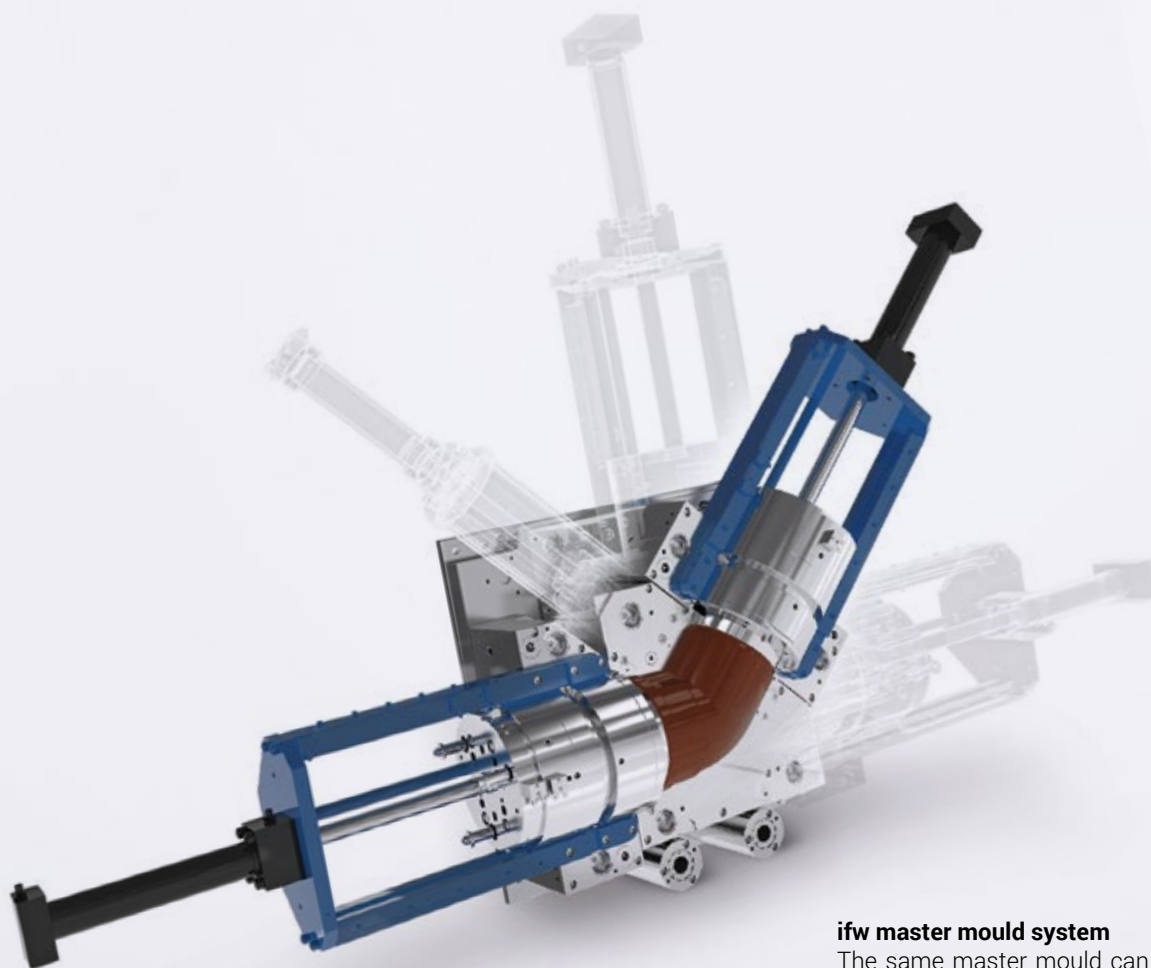
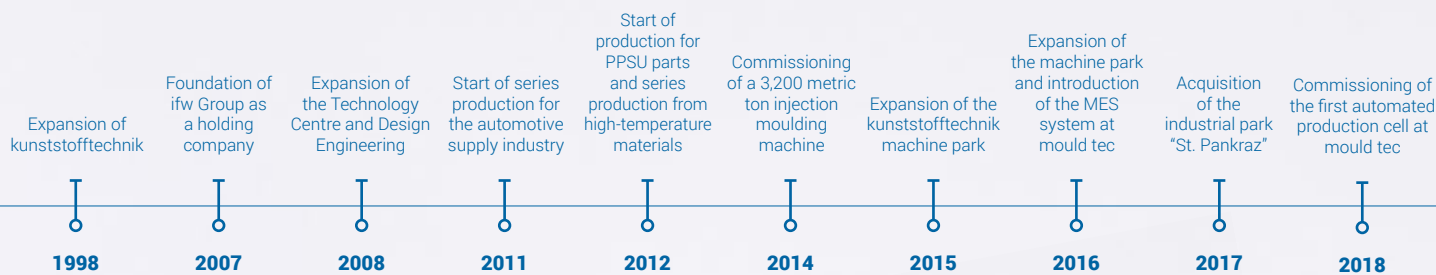
We attach great importance to sharing expertise between ifw mould tec and ifw kunststofftechnik. Our close cooperation enables us to make optimum use of synergies in order to improve processes and provide innovative solutions. Thus we can contribute to strengthening the competitiveness of our customers.



ifw Manfred Otte GmbH

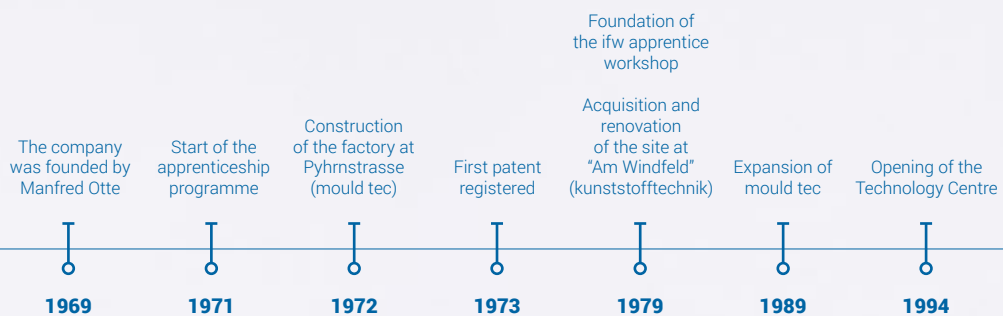
ifw Group is comprised of the holding company, ifw mould tec GmbH (injection mould manufacturing) and ifw kunststofftechnik GmbH (injection-moulding contract production). Research and development is a top priority for all companies belonging to ifw Group. New ideas and potentials for optimisation are continuously being developed by R&D.





ifw master mould system

The same master mould can be used to produce different items by changing the various mould inserts. The modular design of these mould systems results in reduced manufacturing costs and can further improve your product efficiency.



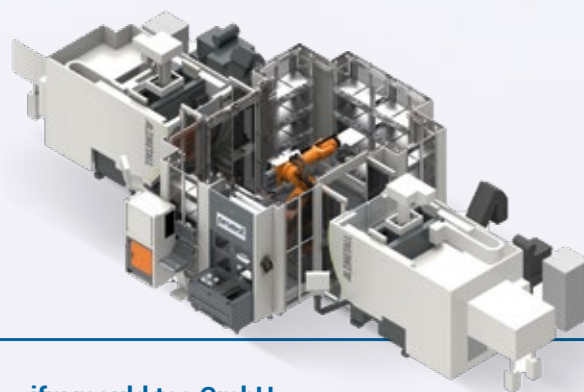
INJECTION MOULDS in outstanding dimensions.

The ifw mould tec GmbH is specialised in making high-quality moulds designed for the shortest possible set-up times and production cycles.

We have particular experience in producing customised moulds for manufacturing plastic pipe fittings and special parts.

Our customers get everything they need from a single source. Our services range from consultation to product development for parts and prototype manufacturing, product design and manufacturing, as well as tuning of the mould and production start-up support. We offer outstanding expertise, state-of-the-art technology and exceptional service.

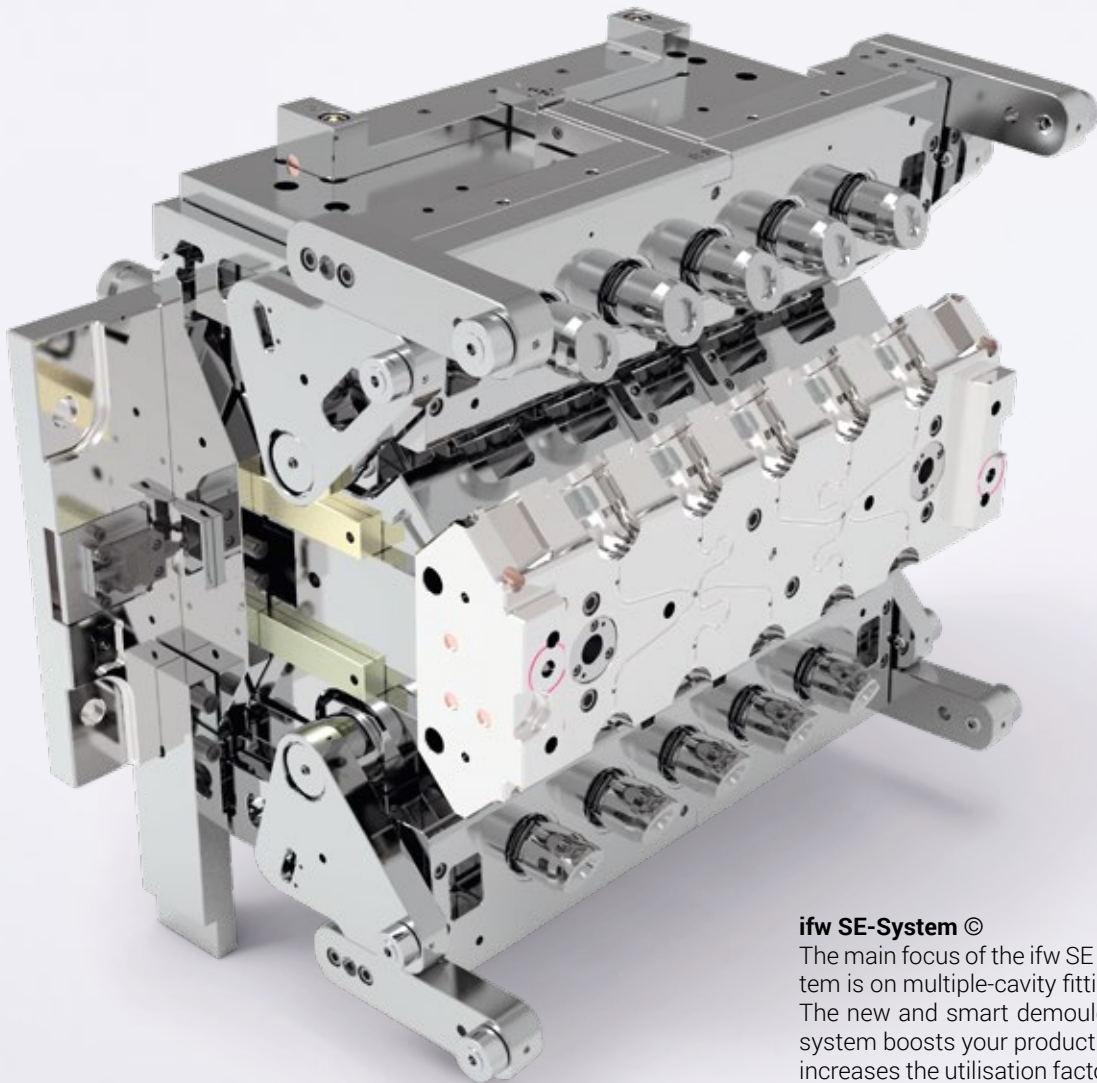
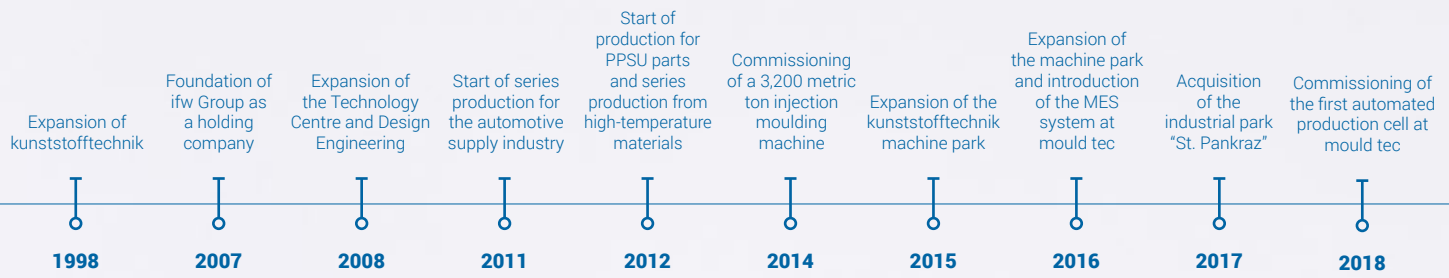
To assure a smooth production over the long term, we also offer comprehensive after-sales services. These services are not limited to ifw moulds. Injection moulds from third-party manufacturers can also be repaired, modified or overhauled.



ifw mould tec GmbH

ifw injection moulds are manufactured exclusively from high-grade mould steels on the very latest machines. The fittings produced with ifw injection moulds are used around the world in sewer and domestic drain systems, drinking water supply, roof drainage, irrigation and dewatering, gas supply and the chemical industry.

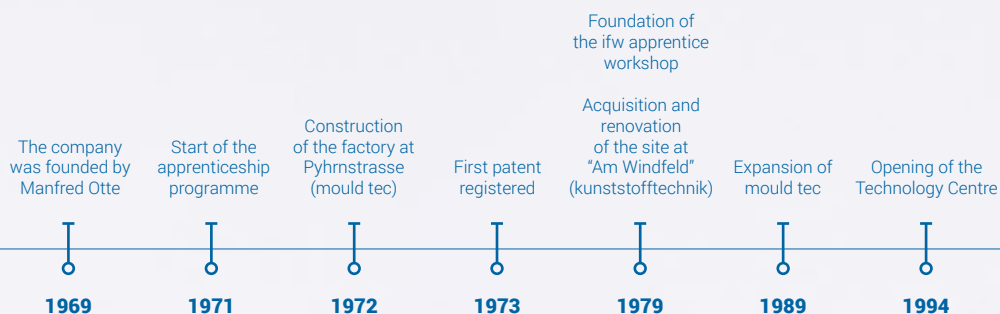




ifw SE-System ©

The main focus of the ifw SE system is on multiple-cavity fittings. The new and smart demoulding system boosts your productivity, increases the utilisation factor of the machine used for the job and reduces the cost of each article produced. The smaller dimensions of the injection moulds makes them suitable for smaller machines.

© (Smart Ejection System)



INJECTION-MOULDING CONTRACT MANUFACTURING in customised varieties.

We manufacture custom plastic parts for a wide array of applications. Together with our customers, we define customised quality standards to ensure that the component functions perfectly for the specific application. Our laboratory is also equipped with the latest test instruments for maintaining high levels of quality assurance according to ISO 9001 and ISO 14001.

We provide comprehensive services – including professional mould maintenance, finishing, packaging and labeling.

Production and storage facilities for products awaiting dispatch total 8,000 sq m. Our long-standing expertise in manufacturing plastic components coupled with ifw mould tec's know-how in making precision moulds forms the ideal basis for developing perfect product designs.

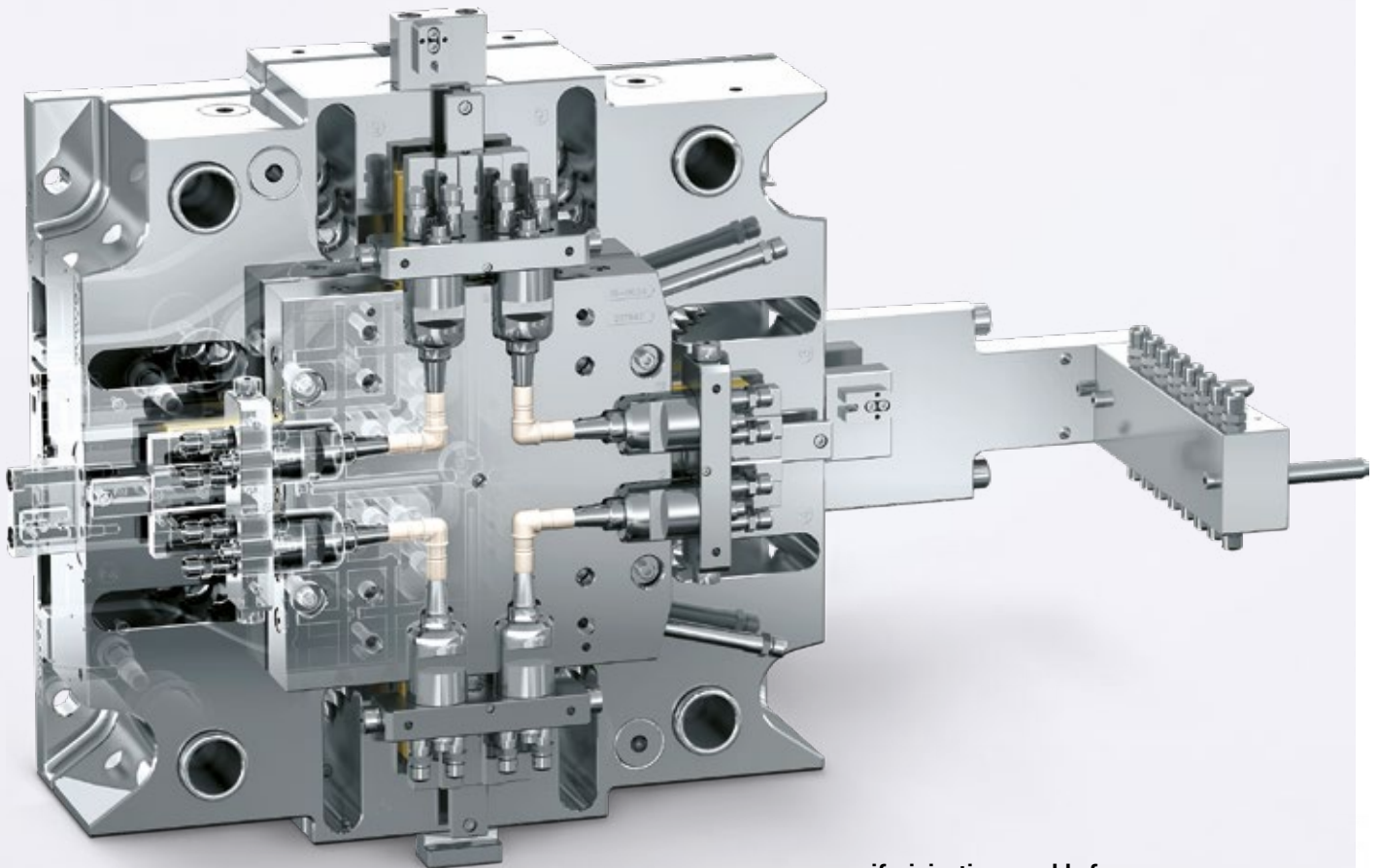
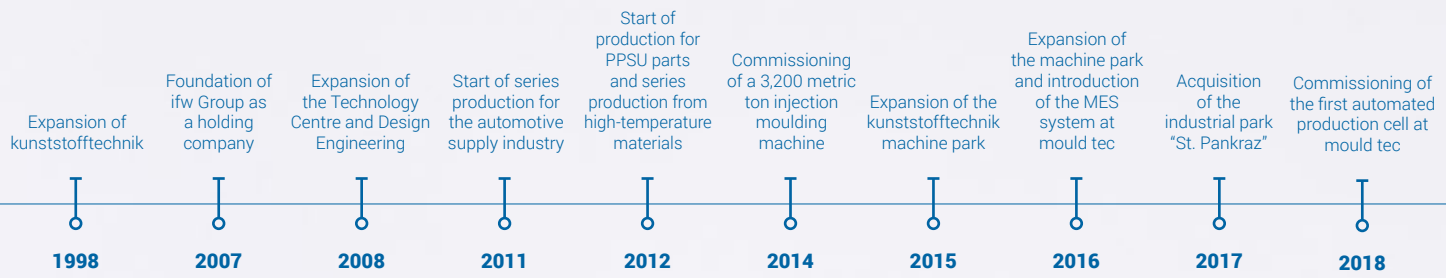
We produce for plastic pipe (fittings), packaging, construction, automotive and furniture manufacturers.



ifw kunststofftechnik GmbH

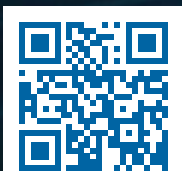
As a reliable partner, ifw offers particularly flexible contract production using moulds provided by the customer for parts of up to 50 kg weight. Individual customer requirements can be implemented in the processing of various materials, such as PP, PVC, PE, PPSU, ABS, etc.





ifw injection moulds for high-temperature materials

This high-tech mould has many advantages, including an extremely short heat-up time, which delivers huge savings in energy consumption. The system also offers the highest level of repeat accuracy, efficient setup and injection processes and increased component longevity.



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