

BUCHER EMHART GLASS introduces new Roller Bearing Neckring mechanism

Bucher Emhart Glass' new Neckring mechanism, which, the company says, provides improved efficiency, service life, and performance, uses two roller bearings to ensure smooth motion during the parison transfer from blank to blow moulds. It also reduces friction and dynamic loads during operation, allowing for higher performance than before.

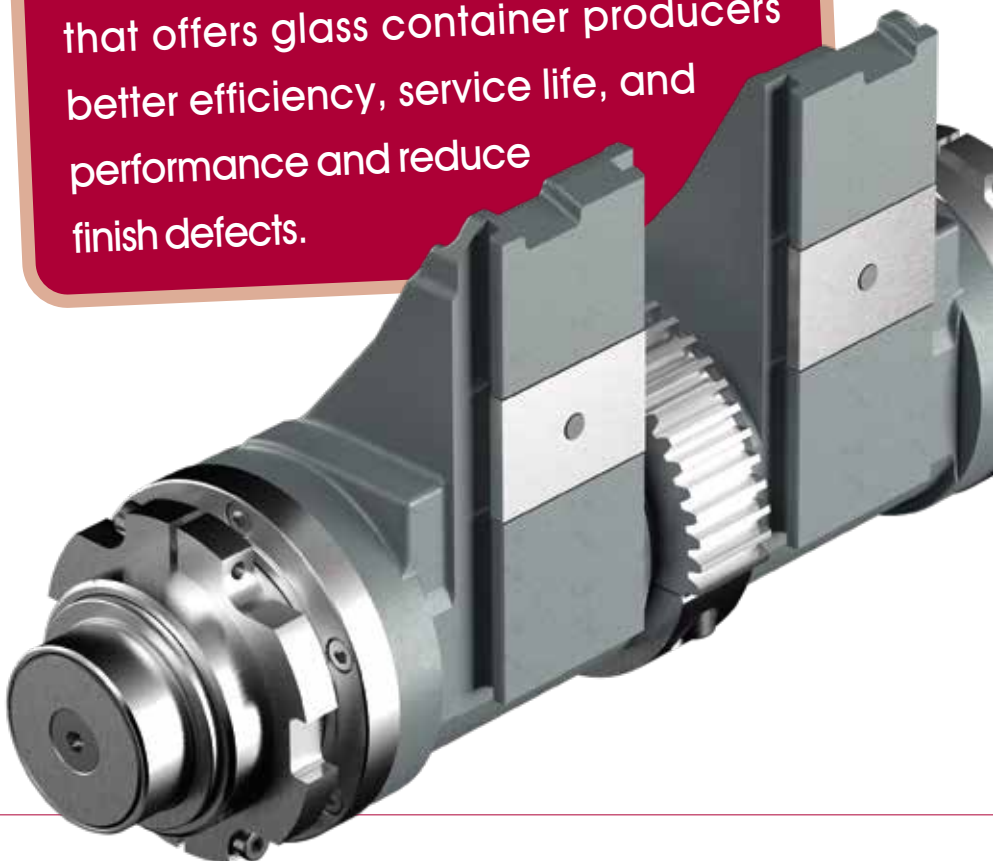
TECHNICAL ENHANCEMENTS

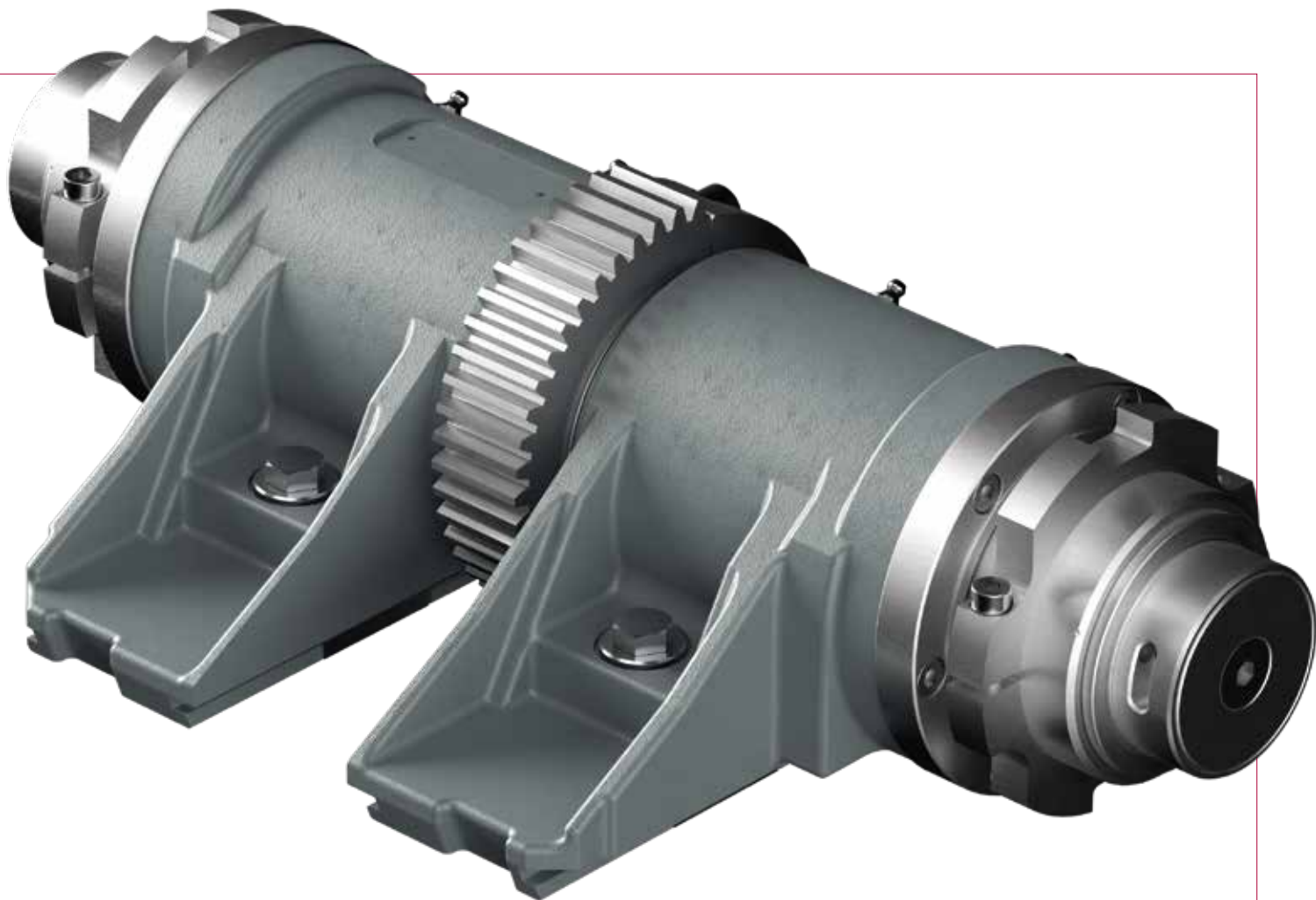
This superior performance has been achieved with a range of technical enhancements throughout the mechanism.

Sealing has been improved, reducing leakage of operating air as well as of lubrication oil. This, together with the bronze self-lubricating bushing for reduced friction, support a smooth, well-balanced open motion on the Neckring arms and reduces air as well as oil consumption.

This smoother, consistent and repeatable Neckring arm opening result in reduced finish defects such as check

Bucher Emhart Glass, the leading provider of equipment for the glass container industry, has introduced a new Roller Bearing Neckring mechanism that offers glass container producers better efficiency, service life, and performance and reduce finish defects.





finishes, split finishes, check under rings, pulled finish, and checked threads.

ADDITIONAL MODIFICATIONS

Additionally, exhaust channels have been enlarged and optimized for a balanced and fast neck ring arm closing motion. Auxiliary Neckring Open on the blank side supports saver and faster NR exchanges. The blow-side bracket caps are machined independently from the bracket for simple conversions, the mechanism centres itself between the inner sides of the bracket so that no special alignment is required, and a split-gear design makes maintenance far simpler.

Overall, the new Roller Bearing Neckring mechanism offers better performance, smoother operation, and lower air consumption, with balanced Neckring opening and smoother dynamics.

The unit is easier to maintain and repair, and spare parts are easier to handle and install too.

The new mechanism is compatible with all BEG's AIS and IS machines and is available as a like-for-like replacement for conventional Neckring mechanisms using a conversion kit.

MINOR ALTERATIONS

Some minor alterations are also required: since the new unit is sealed to minimize air leakages, the 26-line valve block must be fitted with a fine needle (part number 210- 2102-4) to operate at low pressure. Also, the wear plates installed on the blow mould bracket for the installation of the previous Neckring mechanism are no longer required, so they should be removed.

"We're delighted to announce this latest technological improvement to our IS and AIS lines," says Matthias Kümmerle, BEG's

President. "Innovations like this are a testament to the deep thought that our engineers put into improving forming processes and boosting performance for our customers. We're confident that many plants will agree that this as a quick and easy way to improve product quality and see a quick return on their investment."

The new mechanism is numbered 210-2064-1 and is now available to order from Bucher Emhart Glass. ■

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