

Ryson Spiral Conveyors are renowned for their ability to move materials quickly, reliably, and while saving valuable floor space. Now, this proven solution is more powerful than ever.

By integrating SEW's new DR2C (IE5) synchronous motors, Ryson Spirals deliver the highest level of energy efficiency available today. This upgrade not only improves performance but also reduces operating costs and supports sustainability initiatives, making it the perfect fit for forward-thinking facilities.

SEW
EURODRIVE

Setting a New Benchmark in Efficiency

At the heart of this innovation is SEW's DR2C IE5 motor, engineered to **halve energy losses** compared to conventional motors. Meeting the strictest global efficiency standards, the motor ensures maximum energy savings, particularly in applications with frequent starts, stops, or variable loads. For industries such as intralogistics, e-commerce fulfillment, and food and beverage production, this translates into lower energy bills and more sustainable operations without sacrificing throughput.

Compact Design, Reliable Power

Thanks to interior permanent magnet technology, the DR2C IE5 motor offers extremely high power density in a smaller footprint. In fact, it can be up to two frame sizes smaller than a comparable IE3 motor. For Ryson Spirals, which already maximize vertical space utilization, this means an even leaner installation with no compromise on performance. At the same time, the motor's robust design ensures long service life, lowers maintenance needs, and increases dependable operation in continuous duty environments.

Sustainability Without Compromise

Beyond efficiency, the DR2C IE5 motor contributes directly to sustainability goals. By using only half as much electrical steel and aluminum compared to older designs, it reduces raw material demand as well as energy consumption. This dual benefit lowers the overall carbon footprint of your conveyor system while aligning your operations with increasingly important ESG requirements. They can even be equipped with DDI single cable technology, which can dramatically reduce wiring costs. With Ryson Spirals and SEW motors, companies can move toward greener production practices without sacrificing productivity.

Future-Ready Performance

The DR2C IE5 motor is designed to integrate seamlessly into SEW's modular system and works effortlessly with modern inverter solutions such as MOVI-C®. This flexibility ensures your conveyor solution is adaptable, whether you require centralized or the advantages of decentralized control. Combined with Ryson's globally trusted conveyor design, this creates a future-proof solution that meets today's requirements and tomorrow's demands.

Your Competitive Edge

With Ryson Spiral Conveyors equipped with SEW DR2C IE5 motors, you gain more than just a conveyor. You gain a solution that lowers operating costs, reduces energy consumption, saves space, and advances sustainability initiatives. This powerful combination delivers long-term value and positions your operations for efficiency and responsibility in a competitive marketplace.

Contact Ryson Today

Learn how energy-efficient SEW motors can make your spiral conveyors even more powerful, sustainable, and cost-effective. Find out [more information about the SEW DR2C IE5 Motor](#).

VERTICAL CONVEYING SOLUTIONS. WORLDWIDE.

Ryson is a member of the **Royal Apollo Group**, established in 1847 and headquartered in the Netherlands. Ryson manufactures in USA and supports North America. We have manufacturing in Netherlands, USA, and Thailand with service operations in Netherlands, USA, Thailand, China, India, and Mexico. As one global company, we are the world's leader in Vertical Conveying!



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