

PRODUCT PORTFOLIO



Gear Units And Gearmotors

- R/RX Series** – Helical-bevel gear units and gearmotors, available in single- or multi-stage configurations with finely stepped gear ratios
- K Series** – Highly efficient right-angle helical-bevel gear units and gearmotors
- F Series** – Slim design parallel shaft helical gear units and gearmotors
- S Series** – Right-angle helical-worm gear units and gearmotors
- W Series** – SPIROPLAN® right-angle gearmotors
- Agitator/Mixer Drives** – Multiple motor and gear unit options optimized for mixing applications
- Screw Conveyor Drives** – Enhanced seals and bearings for maximum thrust load capacity
- G7 Series Hoist/Crane Drive** – Available in five sizes with multiple lifting speeds and drum diameters
- HW/HK Series** – Gearmotors designed specifically for electrified monorail systems
- Stainless Gear Units** – Available in K Series and R Series configurations
- TorqLOC®** – simple to use hollow-shaft mounting system between the machine shaft and the gear unit
- Motor Adapters** – IEC and NEMA

AC Motors, Brakes, and Diagnostics

- DR.. Series** – Foot/flange mount modular AC motors, IE1-IE4 efficiency, fractional to 300 HP
- NEW DRN355** – 4 pole AC motor for large industrial gear units, sizes from 355–500 HP
- Brakes** – Motors can be fitted with single or double integrated mechanical brakes
- Encoders** – Positioning, speed, and torque control, and functional safety features
- DU Series Motor Diagnostics** – Brake, oil, and vibration monitoring

Servo Motors and Gear Units

- NEW CM3C® Series** – Compact, medium-inertia high performance servomotor compatible with DDI® single-cable technology
- CMP® Series** – High dynamic, precise positioning servomotor available in 7 frame sizes and peak torque to 320 Nm
- CMPZ® Series** – Synchronous servomotor with increased load inertia
- CMS® Series** – Electric cylinder line for high linear dynamics applications
- SL2 Series** – Linear motor family for the highest dynamics
- DRL.. Series** – IE4 asynchronous servomotor for a wide range of applications
- NEW PxG® Series** – Innovative, high precision planetary gear unit
- PS.C / PS.F / BS.F Series** – Economical planetary and helical-bevel servo gear units

Panel Mount Inverters And Controls

- NEW MOVIDRIVE® Modular** – Flexible inverter series with applications from simple open-loop speed control to advanced kinematics
- NEW MOVIDRIVE® System / Technology** – Standalone inverter for operation on MOVI-C controller or via common field bus
- NEW MOVITRAC Advanced** – Versatile standard inverter series with a wide power range and scalable functions
- NEW MOVI-C® Controller Series** – Standard, Advanced, Progressive, and Power versions for simple speed control to advanced automation
- MOVIDRIVE® B Series** – Flexible application inverter family with integrated positioning and sequence control
- MOVITRAC® B** – Versatile standard inverter series with a wide power range
- MOVITRAC® LTP-B and LTE-B** – Cabinet or near-motor mount standard duty frequency inverters
- NEW Functional Safety** – Panel-mount modules cover a wide array of safety functions including STO, SLS, and SDI

Decentralized Inverters, Drives and Controls

- NEW MOVIGEAR® Performance/Classic** – Mechatronic drive unit combines gearing, ultra-efficient motor and on-board electronics
- NEW MOVIMOT® Advanced** – Motor-mounted digital frequency inverter for basic to intelligent applications, with on-board Ethernet
- NEW MOVIMOT® Performance** – Motor-mounted digital frequency inverter for use with synchronous motors
- NEW MOVIMOT® Flexible** – Near-motor mounted digital frequency inverter for use with synchronous motors
- NEW MOVI-C® Field Controller** – Decentralized motion and logic controller handles up to 16 axes using EtherCAT®/SBusPLUS
- DRC Electronic motor** – Permanent-field synchronous IE4 motor with on-board control electronics
- MOVIFIT® FC/MC/SC** – Inverter, distributor, and starter for decentralized drive applications
- MOVIPRO®** – Decentralized drive, positioning, and application controller
- MOVITRANS®** – Contactless energy transfer for factory and machine automation

Low Voltage Drives

- NEW DCA Series** – 48V compact extra low voltage drive for material handling in warehousing systems
- ECDriveS®** – 24V powered roller series for light duty material handling applications
- CMP ELVCD** – 48V decentralized extra low voltage servo drives

Maintenance and Repair

- CDM® Complete Drive Management Service** – Customizable service modules for mechanical and electrical drive products. Options include inspection, scheduled/preventative maintenance, repair and replacement, drive cataloging, condition monitoring, online drive data portal, and much more.
- On-site collection containers are available for gear units, motors, and other automation components in need of maintenance or repair.
- Gear Oil by SEW-EURODRIVE** – Get longer service life with our proprietary lubricant blend for standard and servo gear units

Large Industrial Gear Units

- NEW X.e Series** – Helical and bevel-helical gear units in the medium to high torque range
- MC Series** – Helical and bevel-helical gear units in the medium torque range
- M1..N Series** – Low-ratio single-stage helical gear units
- P and P-X Series** – Compact planetary gear units in the medium to high torque range
- XP Series** – Large, very high torque planetary gear units
- Bucket Elevator Drives** – Standardized drive solutions consisting of bevel-helical gear units and directly mounted auxiliary drives for bulk material handling industries
- Girth Gears** – External gearing with lower weight, easier handling, smoother operation and longer service life
- Complete Drive Packages** – Design and assembly package solutions including motors, couplings, base-frames, lubrication systems and other customized accessories

Engineering Software

- MOVI-C®/MOVISUITE®** – Machine and factory automation software used for planning, commissioning, operation and diagnostics
- MOVIKIT®** – Preconfigured software modules for implementing simple to advanced motion control using the MOVI-C automation/software platform
- MOVITOOLS®/Motion Studio** – Complete engineering solution with ready-to-use application modules
- MOVIVISION®** – Plant software used to plan, configure, simulate and start up their materials handling systems

Factory and Machine Automation

- NEW MOVI-C® Modular Automation System** – This single-source automation solution covers all your needs – planning, commissioning, operation and diagnostics software, electronic control and monitoring, mechanical drives and gearmotors.
- DOP/WOP/Handheld Operator Panels** – Perform comprehensive, complex visualization tasks
- MOVI-C I/O System** – Equipped with up to 64 power and electronics modules
- Automated Guided Vehicles / Mobile Assistance Systems** – Factory automation production, distribution, and assembly tasks
- Electrified Monorail System** – Motorized overhead carriers that draw energy from a track mounted bus bar
- Parallel Arm Kinematics** – Parameterizable MOVIKIT® Robotics software module, including 3D simulation
- Factory And Machine Automation Engineering** – This highly specialized engineering group delivers leading edge technologies from planning to startup, with extensive expertise in all aspects of factory and machine automation

MAXOLUTION®



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