

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



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



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



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®/SBus^{PLUS}



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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