

Driving the world

Product Portfolio



Who is SEW-EURODRIVE?

SEW-EURODRIVE is a leading manufacturer of integrated power transmission and motion control systems. Engineering excellence and customer responsiveness define **SEW-EURODRIVE**. WE offer the broadest product lines in the industry — from gearmotors and heavy industrial gear units to electronic drives, software and complete drive based automation systems.

Our products are based on a unique system of modular components that can be assembled in literally millions of different configurations. Every drive solution is custom built to the customer's exact specifications.

Top industries

- Airport logistics
- Automotive
- Bulk material handling
- Construction
- Food and beverage
- Forestry and lumber
- Packing/material handling
- Mobile systems
- Port logistics
- Renewable energy
- Transport and logistics
- Water treatment

Global company info

- Founded in 1931
- Privately held - family owned and operated
- Global headquarters in Bruchsal, GER
- Over 21,000 employees world-wide
- 17 manufacturing facilities
- 89 Drive technology centers
- Global presence in 54 countries
- Industry leading 24-7-365 customer service programs

Canadian company info

- Canadian headquarters established in Bramalea, ON in 1974
- 3 assembly facilities in ON, QC, BC
- Relocated to a larger upgraded and innovative manufacturing plant in Dorval, QC in 2019
- Newly upgraded manufacturing plant in Delta, BC in 2022
- Over 38 technical sales representatives and hundreds of distribution product specialists
- Over 2,000 active Canadian customers

Maximum customer benefit thanks to a unique product portfolio

GEARMOTORS AND GEAR UNITS



Helical-bevel gear units/gearmotors.
R Series



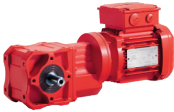
Parallel shaft helical gear units/gearmotors.
F Series



Helical-bevel gear units/gearmotors
K Series



Helical-worm gear units/gearmotors.
S Series



SPIROPLAN® right-angle gear units/gearmotors.
W Series



Gear units/gearmotors for agitators + mixing plants.
Agitator/Mixer Drives



Enhanced seals and bearings for maximum thrust load capacity.
Screw Conveyor Drives



Available in 5 sizes with multiple lifting speeds & drum diameters.
G7 Series Hoist/Crane Drive



Gearmotors designed specifically for electrified monorail systems.
HW/HK Series



Available in right angle & inline configurations. Stainless gear units are surface optimized for cleaning.
Stainless Gear Units



Simple to use hollow-shaft mounting system between machine shaft & gear unit.
TorqLOC®



IEC & NEMA compact designs for fast & safe installation on asynchronous & servo motors.
Motor Adapters

AC MOTORS, BRAKES AND DIAGNOSTICS



Fractional to 300 HP, available with brake, encoder and wash down options. C-face motors 20 HP.
DR..Series AC Motors



Motors can be fitted with single or double integrated mechanical brakes.
Brakes



Positioning, speed & torque control & functional safety features.
Encoders



Brake, oil & vibration monitoring.

DU Series Motor Diagnostics

SERVO MOTORS AND GEAR UNITS



High performance servomotor compatible with DDI® single-cable technology.

CM3C® Series



High dynamic, precise positioning servomotor in 7 frame sizes and peak torque to 320 Nm.

CMP® Series



Electric cylinder line for high linear dynamics applications.

CMS® Series



Linear motor family for the highest dynamics.

SL2 Series



IE4 asynchronous servomotor for a wide range of applications.

DRL.. Series



Innovative, high precision planetary gear unit.

PxG® Series



Economical planetary and helical-bevel servo gear units.

PS.C / PS.F / BS.F Series

PANEL MOUNT INVERTERS AND CONTROLS



Flexible inverter series with simple open-loop speed control to advanced kinematics.

MOVIDRIVE® Modular



Standalone inverter for operation on MOVI-C® controller or via common field bus.

MOVIDRIVE® System / Technology



Versatile standard inverter series with a wide power range and scalable functions.

MOVITRAC® Advanced



Standard, advanced, progressive and power versions for simple speed control to advanced automation.

MOVI-C® Controller Series



Flexible application inverter family with integrated positioning and sequence control.

MOVIDRIVE® B Series



Versatile standard inverter series with a wide power range.

MOVITRAC® B



Cabinet or near-mount standard duty frequency inverters.

MOVITRAC® LTP B / LTE B



Panel-mount modules cover a wide array or safety functions including STO, SLS and SDI.

FUNCTIONAL SAFETY

DECENTRALIZED INVERTERS, DRIVES AND CONTROLS



Mechatronic drive unit combines gearing, ultra-efficient motor and on-board electronics.
MOVIGEAR®
Performance / Classic



Motor-mounted digital frequency inverter for basic to intelligent applications with on-board Ethernet.
MOVIMOT® Advanced



Motor-mounted digital frequency inverter for use with synchronous motors.
MOVIMOT®
Performance



Near-motor mounted digital frequency inverter for use with synchronous motors.
MOVIMOT® Flexible



Decentralized motion and logic controller handles up to 16 axes using EtherCAT®/SBusPLUS.
MOVI-C® Field Controller



Permanent-field synchronous IE4 motor with on-board control electronics.
DRC Electronic Motor



Inverter, distributor and starter for decentralized drive applications.
MOVIFIT® FC / MC / SC



Decentralized drive, positioning and application controller.
MOVIPRO®



Motor-mounted or close to the motor digital frequency inverter for decentralized installations.
MOVIMOT® D

LOW VOLTAGE DRIVES



48 V compact extra low voltage drive for material handling in warehousing systems.
DCA Series



24 V powered roller series for light duty material handling applications.
ECDriveS®



48 V decentralized extra low voltage servo drives.
CMP ELVCD

MAINTENANCE AND REPAIR



Full site of customizable repair and service modules for mechanical and electrical drive products.

CDM® Complete Drive Management



On-site collection containers for gear units, motors and other automation components in need of maintenance or repair.
Red Box Service



Get longer service life with our proprietary lubricant blend for standard and servo gear units.

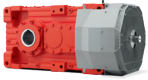
Gear Oil by SEW-EURODRIVE



Reduce wear on the sealing lip by approximately 50% giving longer service life.

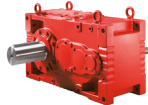
Premium Sine Seal Oil Seal

LARGE INDUSTRIAL GEAR UNITS



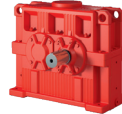
Helical and bevel-helical gear units in the medium to high torque range.

X.e Series



Helical and bevel-helical gear units in the medium torque range.

MC Series



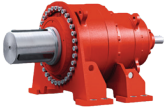
Low-ratio single stage helical gear units.

M1..N Series



Compact planetary gear units in the medium to high torque range.

P and P-X Series



Large, very high torque planetary gear units.

XP Series



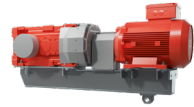
Standardized drive solutions consisting of bevel-helical gear units and directly mounted auxiliary drives for bulk material handling industries.

Bucket Elevator Drives



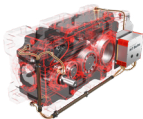
External gearing with lower weight, easier handling, smoother operation and longer service life.

Girth Gears



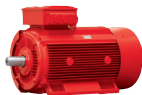
Design and assembly package solutions including motors, couplings, baseframes, lubrication systems and other customized accessories.

Complete Drive Packages



Continually monitor and measure values to ensure a transparent gear unit condition at all times.

DriveRadar®



4-pole AC motor in the 350-500 HP range for large industrial gear units.

DRN355

ENGINEERING AND AUTOMATION SOFTWARE

(Downloads available on sew-eurodrive.ca)



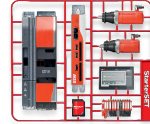
Machine & factory automation software used for planning, commissioning, operation & diagnostics.
MOVISUITE®



Preconfigured software modules for implementing simple to advanced motion control using the MOVI-C® automation software platform.
MOVIKIT®



Complete engineering solution with ready-to-use application modules.
MOVITOOLS® / Motion Studio



Basic package of expandable controls and components for most common machine types. Perfectly matched automation components for fast, flexible machine design.
StarterSET

MACHINE AUTOMATION



Single-source automation solution - planning, commissioning, operation and diagnostics software, electronic control and monitoring, mechanical drives and gearmotors.
MOVI-C® Modular Automation System



Stand alone visualization panels from 4" - 15".
DOP / WOP / Handheld Operator Panels



Equipped with up to 64 power and electronic modules.
MOVI-C® I/O System



Parameterizable MOVIKIT® robotics software module including 3D simulation.
Delta Robotics / Kinematics

MAXOLUTION® AN SEW-EURODRIVE COMPANY

This specialized group delivers leading edge technology in factory automation - from system design to planning and start up.
Factory and Machine Automation Engineering



Track guided drives for driving, lifting and turning. Positioning, mobile control, and communication.
Overhead Transport Systems



Factory automated production, distribution and assembly tasks.
Automated Guided Vehicles / Mobile Assistance Systems



Contactless energy/transfer for factory and machine automation.
MOVITRANS®



CENTRAL REGION

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