

# Retrofit screw conveyors for like-new efficiencies

Retrofit by SEW-EURODRIVE



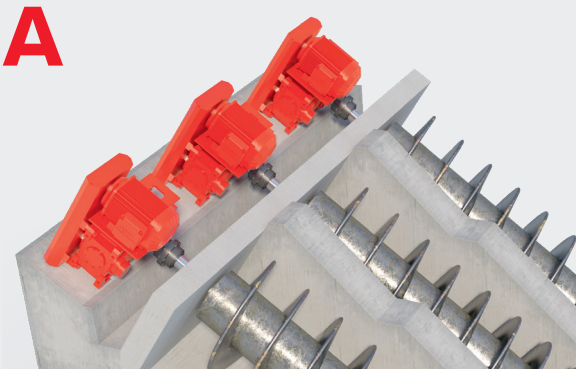
# Drive technology for screw conveyors

## Restore drives back into shape with our retrofit solutions

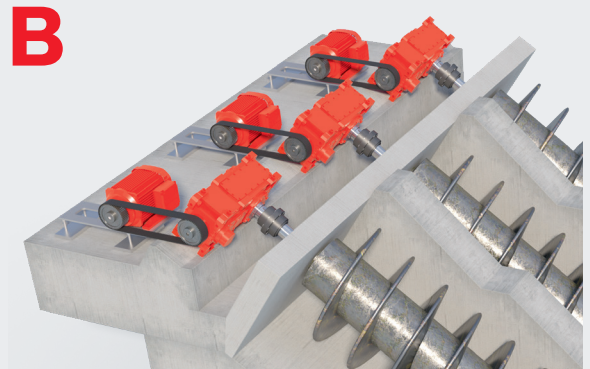
Retrofit solutions from SEW-EURODRIVE are the ideal answer when you want to get your long-serving screw conveyor drives back to like-new condition. Gear unit, motor, belt, coupling, frequency inverter – everything is perfectly coordinated, and all by the same service provider.

We can provide all the drive technology solutions set out here as part of our Retrofit Service. During the planning stage, we factor in the installation space available and your requirements in terms of energy efficiency, maintainability, and operating characteristics.

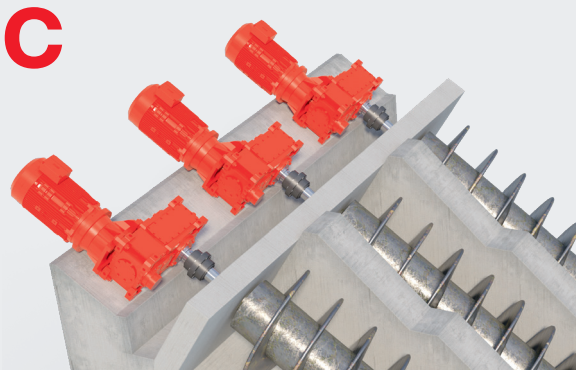
## Overview of standard drive variants



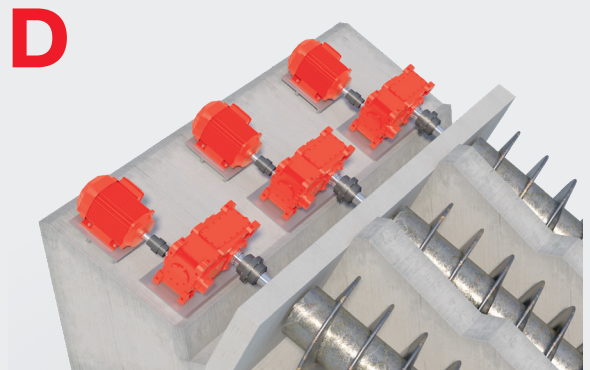
Motor and helical gear unit are connected by belt pulleys and V-belt. The foot-mounted motor is located in a space-saving arrangement on the motor scoop above the gear unit.



Motor and bevel-helical gear unit are connected by belt pulleys and V-belt. The foot-mounted motor sits alongside the gear unit on a base.



Flange motor and helical gear unit are connected via a motor adapter with an integrated elastic claw coupling.



Motor and helical gear unit are connected by an elastic claw coupling. The foot-mounted motor sits behind the gear unit on a base.

## Solution examples

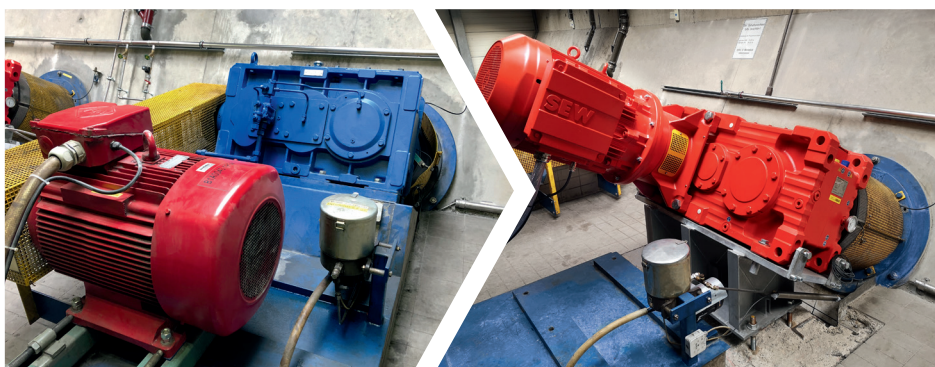
Left (before): **Drive variant B**  
Bevel-helical gear unit (third-party drive) with belt drive

Right (after): **Drive variant B**  
Bevel-helical gear unit from the current series with belt drive



Left (before): **Drive variant B**  
Bevel-helical gear unit (third-party drive) with belt drive

Right (after): **Drive variant C**  
Helical gear unit from the current series with motor adapter



Video:  
**Retrofit in sewage treatment plant**

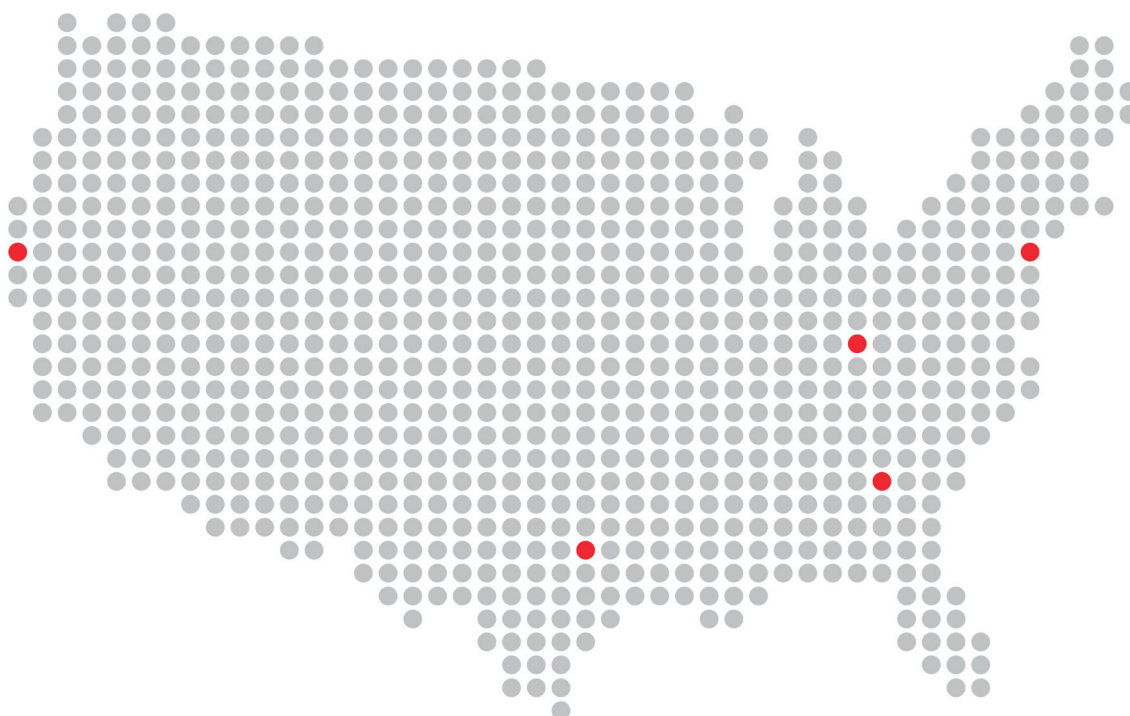


## Our services at a glance

- Analysis of current situation and condition
- Project planning for new drives, factoring in aspects such as durability, maintainability, and energy efficiency
- Customized engineering of mechanical and electronic components as well as the entire control cabinet
- Provision of a complete drive package or individual drive components – gear unit, motor, belt, coupling, steel supports, frequency inverter
- Replacement and startup of drive technology components and peripherals by SEW-EURODRIVE or by the customer itself
- Acceptance

## Your benefits

- Optimum project planning – tailored to the specific features of your screw conveyor
- No interface problems, as all drive components and services are provided from a single source
- Reduced downtimes
- Warranty on the availability of spare parts
- Fast, efficient startup by specialists from SEW-EURODRIVE
- Optimization of aspects such as service life, maintainability, and energy efficiency



## U.S. locations

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