

Compact and powerful drives for light and heavy loads

Drives for electrified monorail systems

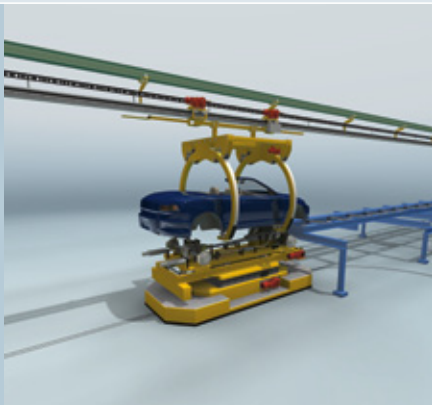


6 sizes: the right drive for every load

In many industries, electrified monorail systems are irreplaceable as a variable and efficient means of transportation. The material that is transported and the type of application of the electrified monorail system determine the requirements the drives must meet with respect to power rating, conveying speed, and payload. This is why a distinction is made between drives for light loads and drives for heavy loads.

Electrified monorail systems from SEW-EURODRIVE convince by their power, reliability, and compact design. A total of six sizes forms the basis of a compact and powerful drive portfolio. Drives for light-load applications are very quiet running and comply with the standards of the C1 guideline (VDI RI-3643). The particularly compact HW 10 in right-angle design for light loads is the new, extremely compact size for light loads and delivers a maximum torque of 20 Nm.

For heavy load applications, drives are available that meet the highest standards as they are suited for wheel loads up to 40,000 N. The new size, HK 37 in the bevel gear variant, covers the lower power range and implements a permitted wheel load of 14,500 N with a maximum torque of 220 Nm.



HWxx series drives for light loads:
Flexible, reliable and quiet



HWxx series drives

- comply with the standards of the C1 Directive (VDI RL-3643),
- require low maintenance meaning they ensure high availability and productivity of the electrified monorail system,
- are smooth running and therefore ensure vibration-free operation,
- are low-noise making them also suitable for manual work stations,
- are particularly suited for space-saving installation due to their compact design.

HWxx series

Type	Maximum torque [Nm]	Permitted wheel load [N]	Gear ratio	Shaft d x l [mm]
NEW HW 10	20	2,500	6.75 ... 16.5	14 x 28
HW 30	70	5,600	8.2 ... 75	20 x 35 25 x 35

HKxx series drives for heavy loads: Heavy duty and reliable



HKxx series drives

- provide optimized efficiency due to the bevel gear,
- can reduce energy consumption when used with the contactless energy transfer system MOVITRANS®,
- can be switched safely due to the clutch in the final gear stage.

HKxx series

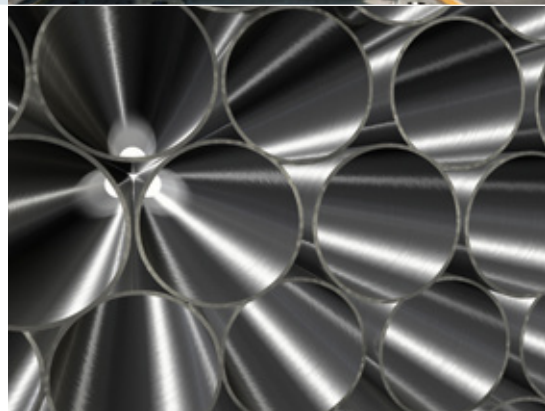
Type	Maximum torque [Nm]	Permitted wheel load [N]	Gear ratio	Shaft d x l [mm]
NEW HK 37	220	14,500	13.08 ... 106.38	25 x 35
HK 40	400	18,500	12.2 ... 131.87	30 x 60 35 x 70
HK 50	600	25,000	13.25 ... 145.14	45 x 90
HK 60	820	40,000	13.22 ... 144.79	55 x 110

Overview of benefits:

- Six sizes offer the perfect drive for any load: tailored to meet the specific requirements of each application
- Impressive energy saving potential of motors in efficiency class IE2, IE3 or IE4
- Reliable disk brakes for accurate stopping
- Only high-quality winding wires and insulating materials are used for smooth operation with an inverter
- Electrified monorail systems can be combined with many options from the range of modular units offered by SEW-EURODRIVE



Driving the world – with innovative drive solutions for all branches of industry and for every application. Products and systems from SEW-EURODRIVE for any application – worldwide. SEW-EURODRIVE products can be found in a variety of industries, e. g. automotive, building materials, food and beverage as well as metal-processing. The decision to use drive technology “made by SEW-EURODRIVE” stands for safety regarding functionality and investment.



How we're driving the world



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