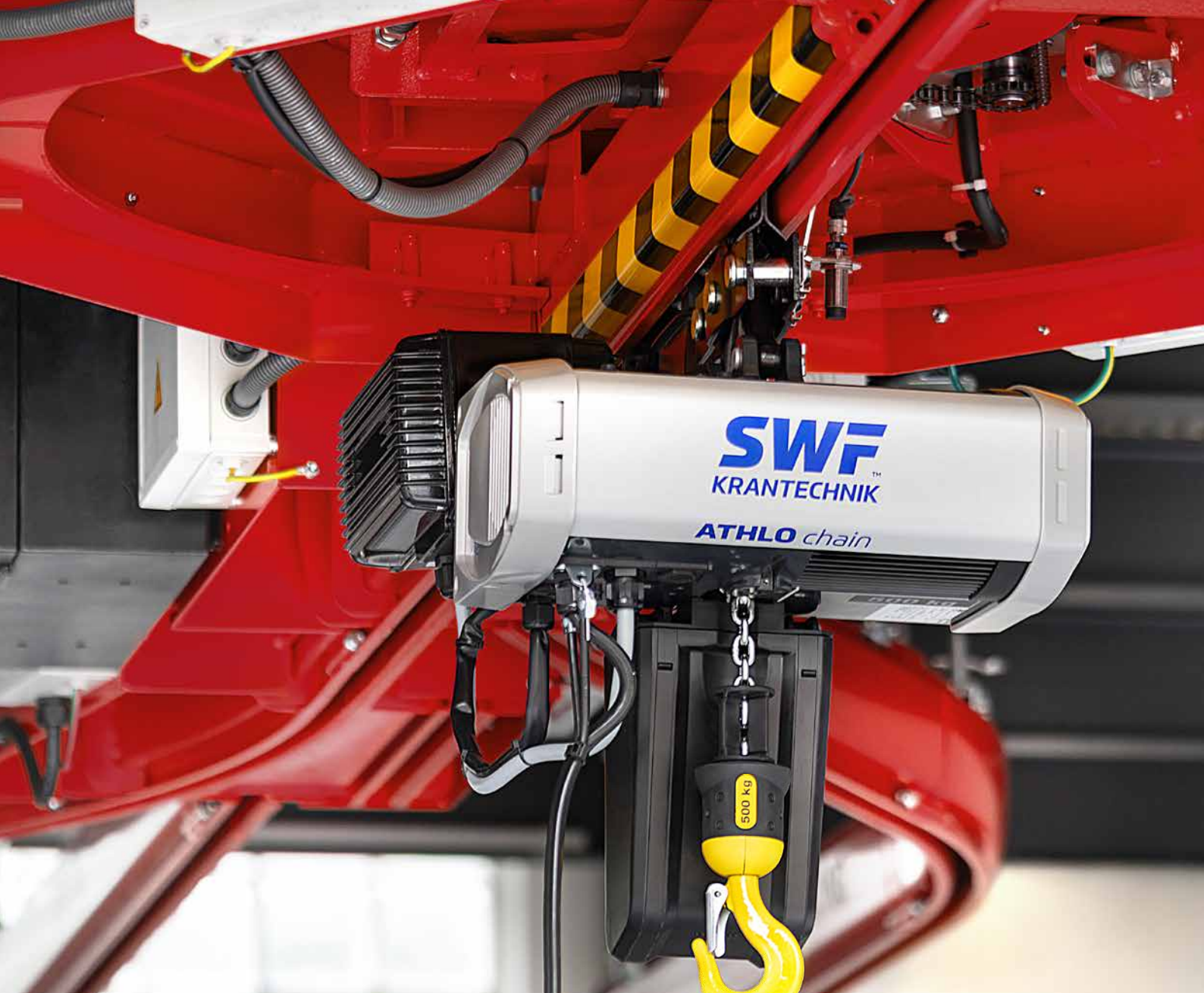




**ATHLO** *chain*

**Electric chain hoist**



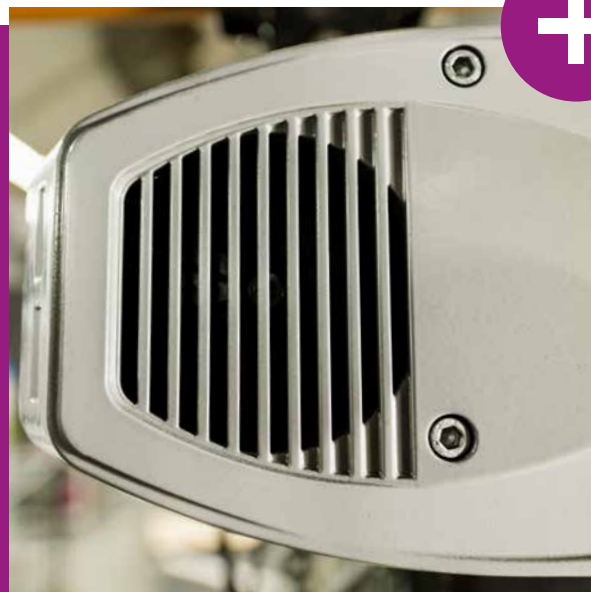
## Electric chain hoist for loads up to 2.500 kg

The chain hoists of the ATHLO *chain* series focus on safety, product service life, ease of maintenance, high performance, flexibility, and ease of operation.

ATHLO *chain* convinces you under extreme environmental conditions with high performance and simple operation. The heart of the chain hoists, the entire drive, has been redesigned and seamlessly integrated into the modern design.

**ATHLO** *chain*





### More robust than ever

The hoist motor and newly developed cooling fins ensure better cooling and longer service life. The new version for activating the limit switch can now also be used as an operating end switch.



### Easiest maintenance

The ease of use of *ATHLO chain* goes far beyond lifting and lowering. For example, no special tools are required for maintenance or the installation of spare parts.



### Balanced, easy handling

The new chain bag ensures an ideal balance. Thanks to the more compact design and the newly designed upper-eye suspension, installation is easier.

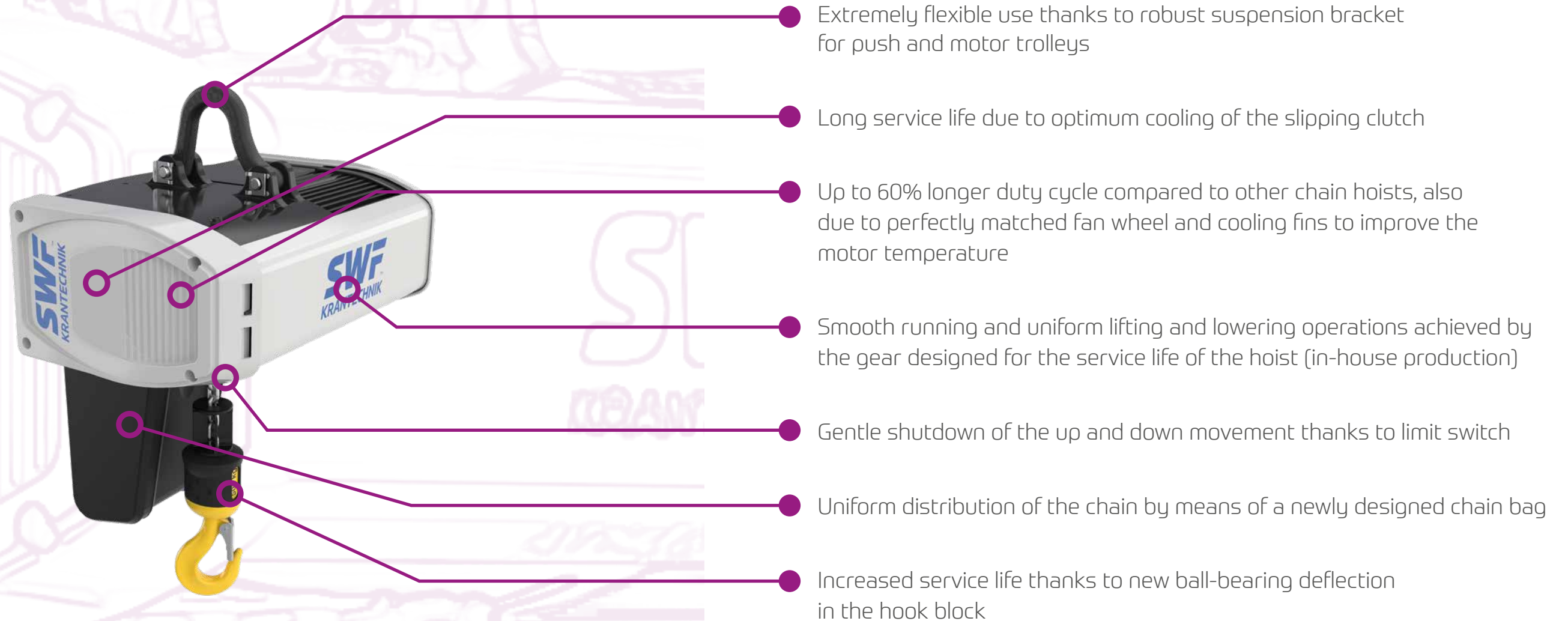


### Safer than ever before

The new brake is designed to handle 1 million cycles or up to a lifetime. The positioning of the slipping clutch in the gear ensures better cooling by the gear oil.

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## Gear

The gear, which is produced in-house, is designed for the service life of the hoist. It offers a wide speed range that covers almost every of your use cases. Robust tooth flanks and shafts ensure precise and smooth running.



## Ergonomic hook block

Perfect smooth running of the chain sprocket is ensured by life-lubricated ball bearings inside the hook block. This increases the service life and makes handling easier.

**ATHLO** chain





## Chain guide and limit switch

The chain guide and chain sprocket ensure reliable and force-fit drive of the load chain.

The limit switches ensure that the motor is switched off gently at the lower and upper positions via the pins integrated in the housing.

## Powerful motor

You benefit from up to 60 % longer duty cycles compared to other chain hoists. This is due to the new, lightweight motor with aluminium housing. The in-house development is maintenance-free and, thanks to the fan wheel and perfectly matched cooling fins, keeps a cool head even under tough conditions. The gear ratio of 4:1 ensures a long service life longevity and optimises the FEM rating.



# ATHLO *chain*

## Chain bag

The very robustly designed and repositioned chain bag ensures an ideal balance of the chain hoist. Its positioning ensures optimal distribution of the chain. It is very easy to assemble. The modern design reduces the volume of space of the chain bag to a minimum.



## Multi-talented suspension bracket

ATHLO *chain* has a compact design and offers an improved C hoist dimension. Thanks to the optimum utilisation of space and the new and easy-to-fit suspension bracket, it enables you to use it in an extremely individual and flexible way. The swinging suspension also reduces the polygon effect and ensures more stable and smoother load control.



**ATHLO** *chain*





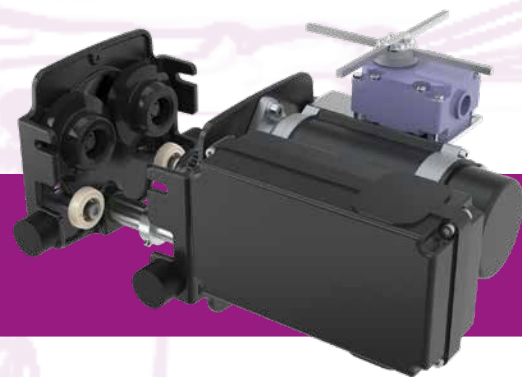
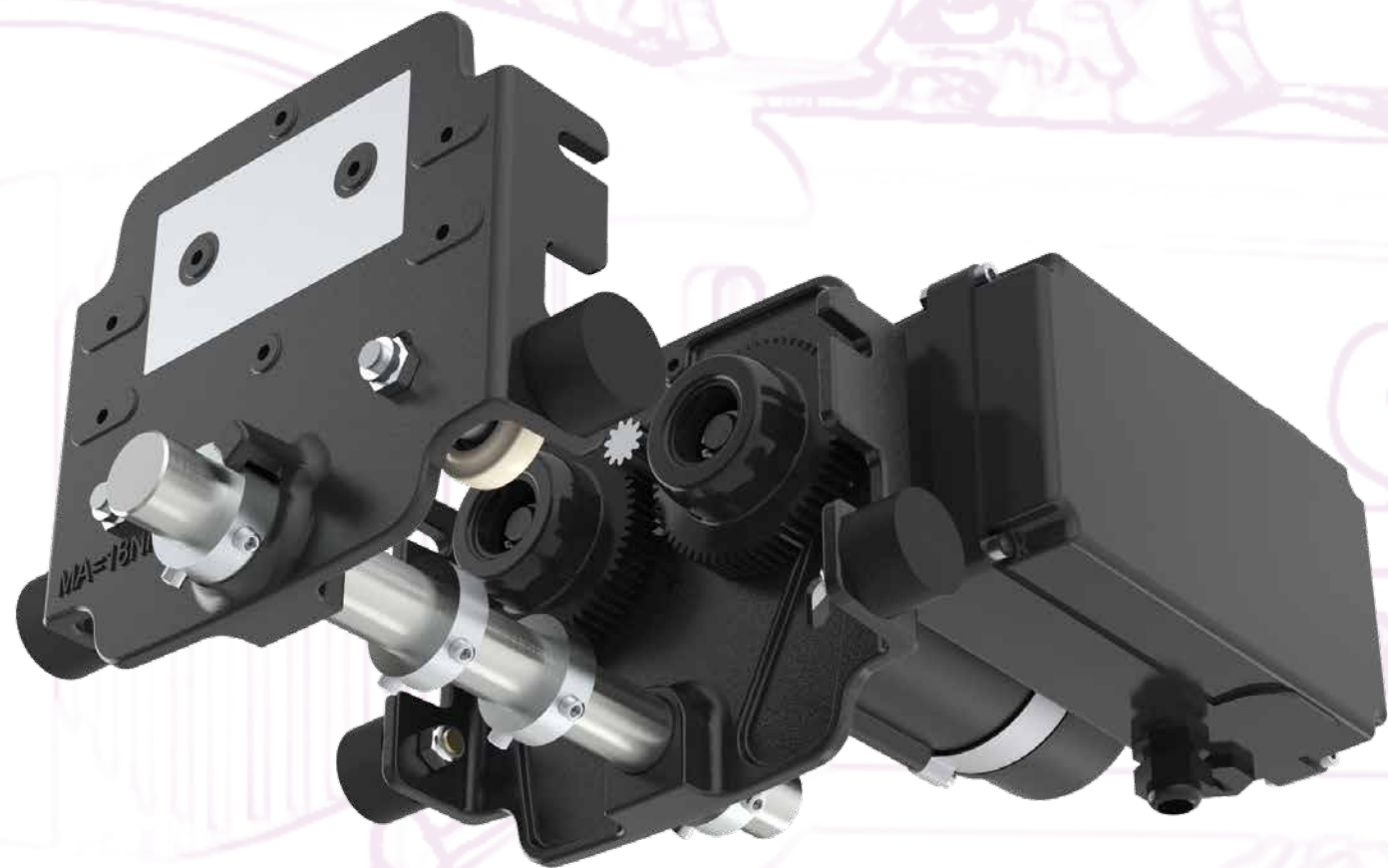
## Trolleys and suspension

The multitude of mounting options always ensures the right fit. This flexibility masters even curves and follows your production line every step of the way.



# ATHLO chain





## Motor trolley

Motor trolleys offer a convenient and safe method of handling the chain hoist and load. They are not only fast and increase productivity, but also enable precise positioning and minimise the effort required by the crane operator.

With this new design, we were able to significantly improve both the travelling characteristics and the dead weight. The suspension bracket of *ATHLO chain* makes it easier to mount on the motor trolley. The trolley is also easy and precise to adjust and can be assembled quickly as it consists of just a few individual parts.

# ATHLO *chain*







## Models\*

Type	Load [FEM/ISO]]	Number of falls	Hoisting speed [m/min] two-step
AA-1	63 - 250 kg (from 3m/M6 to 2m/M5) Up to 320 kg (2Am/M5)	1	from 8/2 to 16/4
AA-2	500 kg (2m/M5)	2	4/1
AB-1	160 - 500 kg (from 3m/M6 to 2m/M5)	1	from 4/1 to 16/4
AB-2	630 - 1,000 kg (2m/M5)	2	4/1
AC-1	500 - 1,250 kg (from 3m/M6 to 1 Am/M4)	1	from 4/1 to 16/4
AC-2	1,250 - 2,500 kg (from 2m/M5 to 1Am/M4)	2	4/1
Further models Please see <i>ATHLO chain SL</i>			stepless

\* Further models and loads up to 5 tons planned.

\* Attractively priced models with one hoisting speed available.

# ATHLO *chain*

**[www.swfkrantechnik.com](http://www.swfkrantechnik.com)**

Subject to change