



The LEITNER Grip

High functionality, technical perfection

Basis In the design of safety parts, simplicity and accessibility are the guiding principles. LEITNER grips are therefore designed with a minimal number of optimised parts.

Description All detachable grips have only one moving part, the moving grip jaw, which also functions as the coupling lever. This allows the direct opening and closing of the grip – without cams, pivots or lever systems – which is the best solution in terms of safety.

The grip force is generated by parallel coil springs. In normal position, the grip remains closed, thus eliminating the possibility of a dead-centre position. The grip geometry is designed to keep the grip force constant even if the rope diameter varies (e.g. splice).

Thanks to the strictly modular design, the grips can – at constant grip geometry – be perfectly adjusted to various system-specific requirements.

In order to increase the ride comfort, each detachable LEITNER grip has an integrated longitudinal damping system. Oscillating movements caused when crossing towers are therefore quickly reduced, significantly improving the comfort of the passengers.



Benefits **Parallel coil springs** achieve **maximum safety** through their redundant arrangement. Even if one spring fails, the grip is reliably prevented from sliding.

The exposed coil springs and a minimal number of moving parts allow for an **easy** and **efficient visual inspection** – another contribution to a high level of safety.

The simplified design and the use of **low-maintenance bearings** reduce maintenance time and costs.

Optimum ride comfort during the crossing of compression towers is ensured by an optimised, **low upper surface of the grip** and an **extended grip tongue**.

Technical data

Rope diameter	Mono-cable systems with LPA grip: 36–60 mm
	Bi-cable systems with LP-BD grip:
	Carrying rope max. 70 mm
	Hauling rope 40–56 mm
	Tri-cable systems with LP-TD grip:
	Carrying rope max. 70 mm
	Hauling rope 40–60 mm

Max. possible rope inclination	100 % for all systems
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