

D-Line:
Welcome to first class



2025

New developments

31 Innovations

14 Patents

Austria: Enjoy nature!

URBAN ROPEWAY
LINE A

URBAN ROPEWAY
LINE A





D-Line: Welcome to first class

Step on board and launch into the next ropeway generation with Doppelmayr/Garaventa. The D-Line is visionary ropeway technology with impressive features. The design process for the D-Line focused on improvements for three important target groups: customers and investors, passengers, and the operating and maintenance crews. The D-Line brings major new benefits for all of these stakeholders: top passenger comfort, quiet operation, simple, time-saving maintenance and many more features make the D-Line first class. Doppelmayr/Garaventa provides technical precision in clear, calm lines, minimized forms and fascinating design with the D-Line. Its enhanced functions open up new possibilities.

Thinking ahead, identifying trends, creating innovations – these are the strengths that Doppelmayr/Garaventa customers can rely on.

D-Line at a glance

- Speeds of up to 7 m/s
- 10-MGD: 6.4 m gauge – wider carriers
- 8-CLD: 7.7 m gauge
- Optimal accessibility for service work
- Extremely straightforward maintenance



Film: D-Line image film

D-Line station: R1 and R2 roofs

The D-Line station is the ultimate in ropeway engineering, reduced to the essentials, packaged in aesthetic design and offering top performance throughout.

Two entirely new roof versions ensure an elegant design. With rounded, snow-load-optimized forms, Doppelmayr/Garaventa continues the classic line (R1 roof); the generously proportioned surfaces of the cuboid version (R2 roof) made of real glass can also be used as multimedia screens, providing the perfect option for external advertising.

D-Line station at a glance

- Simplified concrete mast geometry
- Convenient stair access to station machinery
- Tire conveyor with V-belt tensioners
- Rubber-lined running rail mountings
- Sound-dampened outer guide rail
- Vibration-reduced station sheave assemblies
- Low-noise bullwheel design
- Station roof covers the entire carrier



Film: D-Line station

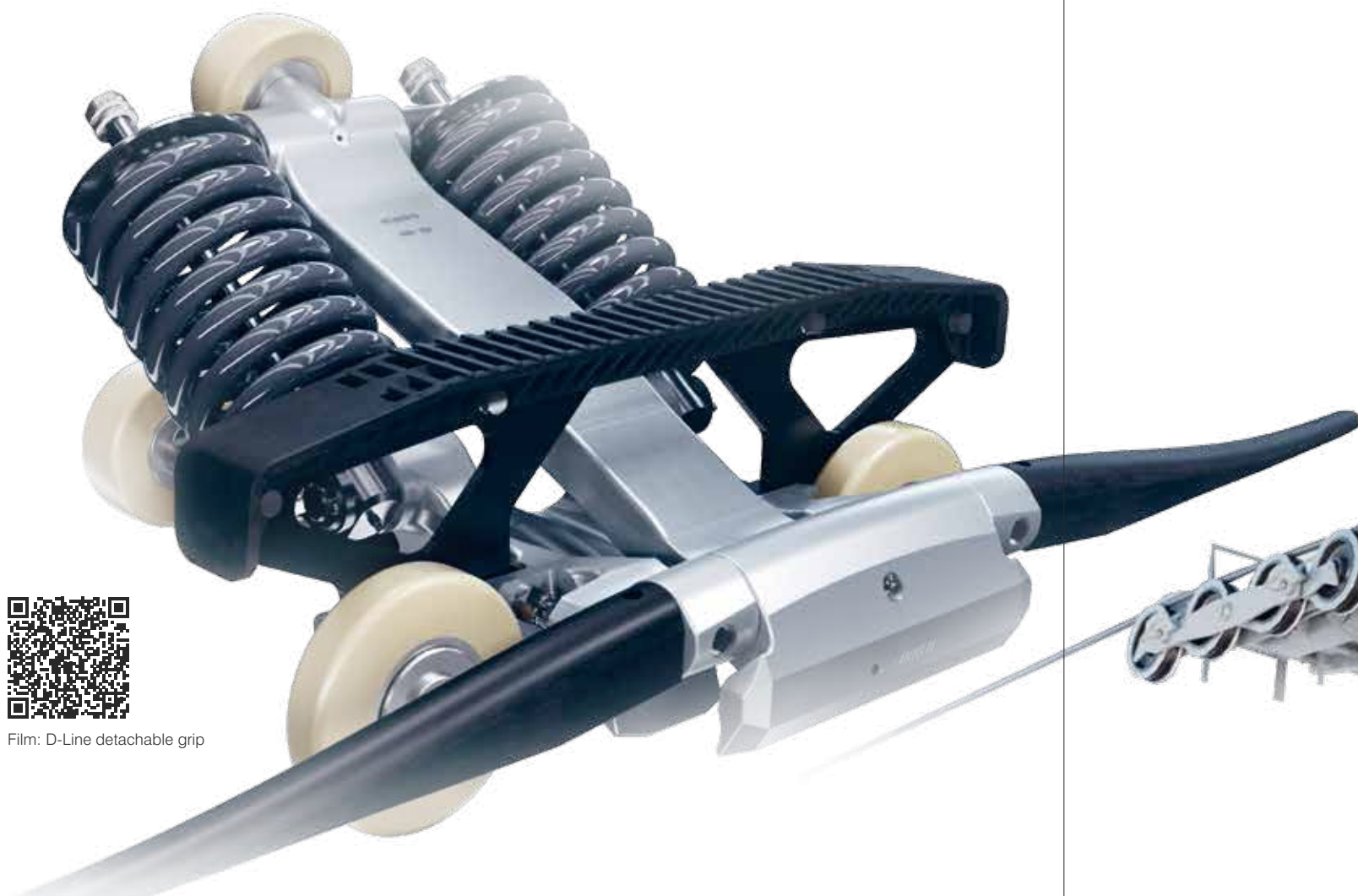


D-Line detachable grip: D3000 and D5000

The new D-Line detachable grip is capable of top performance and constitutes another highlight of the next ropeway generation. It redefines the boundaries by elegantly combining the advantages of the torsion spring grip (DT grip) with those of the coil spring grip (A grip) in a single solution. The interaction between the individual D-Line components is worthy of superlatives.

D-Line detachable grip at a glance

- Rope diameter up to 64 mm
- 100% gradient in conjunction with 1,800 kg carrier weight
- Noise-reduced grip geometry
- Unique dead center grip with coil spring
- Extremely straightforward maintenance



Film: D-Line detachable grip

D-Line sheave assembly

The D-Line gives passengers an entirely new ride experience. The sheave assemblies – and their interaction with the new detachable grip – play a key role in creating this level of comfort. In the case of all available sheave assemblies, passengers now enjoy an even smoother glide when the carriers pass over the towers. The D-Line sheave assembly has been extended and the performance data speaks for itself.

D-Line sheave assembly at a glance

- Rope diameter up to 64 mm
- High capacity in conjunction with even greater vertical rise
- Support sheave assembly with +30% sheave load and +42% wind load
- Hold-down sheave assembly with +14% sheave load and +16% wind load
- Combination sheave assembly with +25% sheave load and +16% wind load





D-Line cabin: OMEGA IV-10 SI D

The new D-Line cabin model maximizes ride comfort. With more legroom, more convenient boarding and entirely new seating dimensions, passengers experience an unrivaled sense of space. A particular comfort feature is the new individual seating option. The D-Line cabin provides an impressive combination of attractive design and functionality – for an exceptional first-class ride experience.

D-Line cabin at a glance

- Greater seat width – now 460 mm (previously 416 mm)
- Comfortable legroom – cabin length now 1,943 mm (previously 1,876 mm)
- General cabin height of 2.22 m
- New hanger design



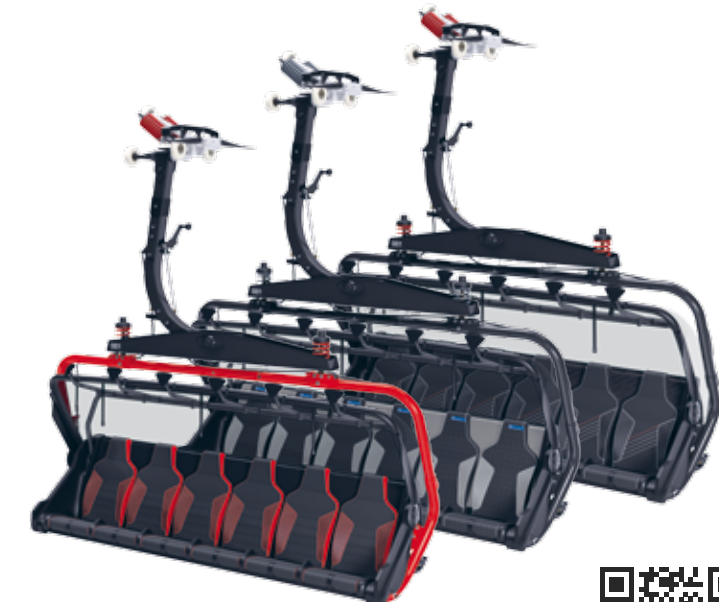


D-Line chair: DCD

The Doppelmayr Chair Detachable (DCD) combines safety and quality in a modern design. The series includes both a 6-seater and an 8-seater version. A choice of color schemes and individual branding on the back of the chair provide new possibilities for the operating company. The materials used have been chosen to meet top requirements in terms of durability and resistance. The form and function of the new D-Line suspension ensures enhanced ride comfort.

D-Line chair at a glance

- Safety-optimized design
- Ergonomically shaped seats (individual)
- 520 mm seat width
- Comfortable footrests
- New suspension
- Seat heating with plug connector
- Selection of color schemes and design concepts
- Seat dividers removable to assist mobility-impaired passengers
- Individual and readily replaceable branding (mesh) on the back of the chair



D-Line

The D-Line components and assemblies boast a brand new design. Whether it's the stations, detachable grips, sheave assemblies or carriers – the D-Line impresses all along the line. Both the new cabin and the D-Line chair offer far more space and comfort. Lift operation is even more reliable and even quieter. Various elements and components can incorporate custom designs, opening up new scope for individual styling.

Step on board and ride with the next ropeway generation.
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D-Line reference installation built in 2015:

- 10-MGD Kirchenkarbahn, Hochgurgl, AUT

D-Line reference installations built in 2016:

- 10-MGD Salvenmoos, Söll, AUT
- 10-MGD Bergbahn Hochsölden, Sölden, AUT
- 10-MGD Viehhofen feeder, 2nd section, Viehhofen, AUT
- 10-MGD Waldalmbahn, Rauris, AUT
- 10-MGD Schönleitenbahn, 1st section, Saalbach, AUT
- 10-MGD Schönleitenbahn, 2nd section, Saalbach, AUT
- 10-MGD 12er EXPRESS, Hintertgletscher, AUT
- 6-CLD-B Waidofen, Hochfügen, AUT



Film: D-Line



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