



The **LEITNER** Towers

Customised engineering, optimum line profile

Basis The basic principles of LEITNER tower systems are maximum variability and adaptability combined with optimum safety and quick implementation.

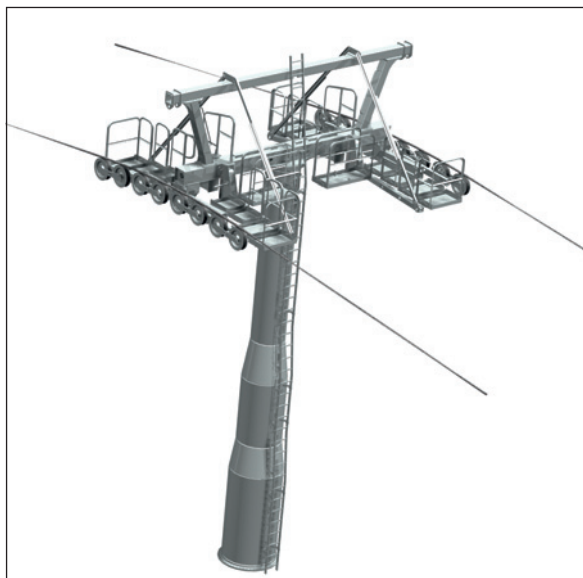
Description The LEITNER tower is designed as a central tubular tower. The individual towers consist of a combination of steel pipes of different lengths, diameters and wall thicknesses.

The transition between the diameters is implemented with appropriate conus elements. The individual pipe and conus elements are connected by welding.

Depending on its weight and length, the tower is divided into separate shafts, which are assembled on the construction site with appropriate flange connections.

All components of the LEITNER tower are hot-dip galvanised and therefore provide life-long protection against corrosion. If prescribed by regulations, the tower shafts can also be lacquered with RAL colours.

In addition to the engineering of the towers, LEITNER also takes over the development of the tower foundations – from the design to the technical drawings.



Benefits Each tower of a LEITNER line is **engineered, designed and manufactured** according to the **specific topographical and mechanical requirements** of a project. The combination of the different pipe diameters and wall thicknesses as well as the separation of the tower into individual shafts can be modified as requested.

As the tower height is **manufactured with centimetre accuracy**, customers are provided with the **highest level of flexibility**. At the same time, the **best line profile** regarding the topographical conditions can always be achieved without having to adapt the excess length of the foundation.

The use of standard pipes ensures **rapid manufacturing and replacement**.

Technical data

Max. tower height	30 m
Max. length of shaft	Depending on transport and assembly conditions, standard length: approx. 12 m
Max. weight of shaft	Depending on transport and assembly conditions, standard weight: approx. 3,000 kg
Line gauge	3.9 m/4.9 m/5.3 m/6.1 m/6.6 m/7.3 m
Pipe diameter	609 mm/762 mm/1016 mm/1220 mm/1422 mm/1910 mm (special diameter)
Wall thickness	From 8 to 16 mm
Surface finishing	Hot-dip galvanising, additional lacquering with RAL colours on request