

LEITNER Towers

Custom project planning, optimum line profile

The LEITNER tower system is based on full variability and adaptability combined with maximum safety and quick build times.

LEITNER towers are of a central round tube design with solid walls. Each tower consists of an assembly of steel tubes of different lengths, diameters, and wall thicknesses. Transitions between the diameters are made using conical elements. Each tube and conical element is joined by welding. A tower may be divided into separate shafts depending on its weight and length, then assembled on site using flange connections to form the overall tower. All of a LEITNER tower's components are hot-dip galvanized, which guarantees lifelong corrosion protection. The tower shafts can also be painted in a RAL finish if required by the authorities. As well as planning the towers themselves, LEITNER can also take care of the complete planning of their foundations, from design to construction drawings.

BENEFITS Each tower on a LEITNER line is individually planned, designed, and produced according to the topographical and mechanical requirements. There is scope for choice in the composition of the different tube diameters and wall thicknesses, and the division of the tower into separate shafts. The height of each tower is produced to centimeter accuracy, which guarantees maximum flexibility, and the ideal topographical line can always be achieved without adjusting the foundation overhang. The use of standard tubes guarantees short production and replacement times.

TECHNICAL SPECIFICATIONS

- + Maximum tower height 30 m
- + Maximum length/shaft depending on transport conditions and assembly factors, standard length approx. 12 m
- + Maximum weight/shaft depending on transport conditions and assembly factors, standard weight approx. 3000 kg
- + Wall thickness between 8 and 16 mm
- + Surface finish hot-dip galvanizing, and painting in choice of RAL colors if required

