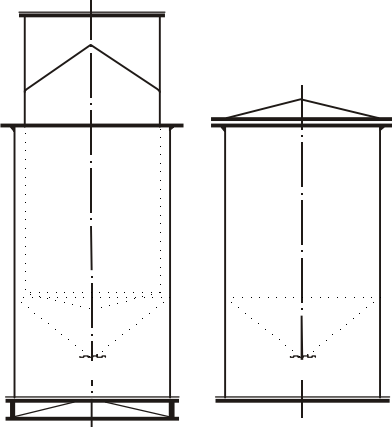
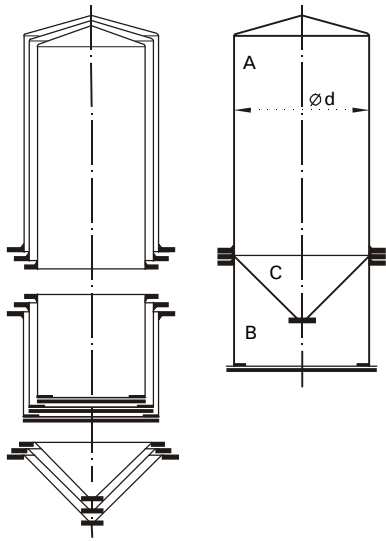


Storage silos

Material: EN AW-5754 (AlMg3)
 Silo configuration: Roof slope 15°, hopper with 60°/90° angle of discharge
 Standard accessories: 1 set of lifting lugs
 All dimensions in mm

Emboxable version

(efficient method for transportation)

	Product description
<p data-bbox="193 689 549 714">Two silos in emboxable version</p>  <p data-bbox="172 1288 564 1312">Several silos in emboxable version</p> 	<p data-bbox="608 436 730 461">Utilization</p> <p data-bbox="608 470 1278 495">For several (at least two) silos of equal or similar size.</p> <p data-bbox="608 533 847 557">System description</p> <p data-bbox="608 566 1485 723">ZEPPELIN emboxable silos are manufactured with minor differences in diameter (difference 50-100 mm) and are equipped with a flange connection at the transition between the cylinder and the hopper respectively roof. This method allows to embox the cylinders, hoppers, and skirts of a silo group into each other for transportation.</p> <p data-bbox="608 732 1501 819">In case of increased requirements for dust density and gas density we recommend a density welding at the flange connection after installation on site.</p> <p data-bbox="608 857 756 882">Accessories</p> <p data-bbox="608 891 1517 1048">Accessories which protrude more than 25 or 50 mm from the silo wall and which shall be fitted to the silo cylinder are delivered in screwed execution for installation on site. This method can only be realized thanks to the exact manufacture of ZEPPELIN emboxable silos in vertical position.</p> <p data-bbox="608 1086 746 1111">Calculation</p> <p data-bbox="608 1120 1501 1245">The silo size is stipulated based on the minimum volume of the smallest silo or on the average volume of the silo group. The number of ZEPPELIN emboxable silos per transport package depends on the max. permissible package weights.</p> <p data-bbox="608 1283 730 1308">Transport</p> <p data-bbox="608 1317 1517 1538">For transport of the packages are put on wooden saddles or wooden supports depending on the requirements. For overseas transport the open front surface at the cylinder is sealed with wooden covers. The accessories are stowed inside the packages during transport. For transport the hopper cones will be fixed to the flange of the cylindrical silo shell or stowed in the dead space inside the skirt (depending on the length and weight of the packages).</p> <p data-bbox="608 1576 730 1601">Assembly</p> <p data-bbox="608 1610 1501 1767">On site the emboxable silo parts (skirts respectively hoppers with short skirts and silo cylinders) are deboxed. The skirts are lifted onto the foundation base rings. The flange connections are bolted together. For the silo erection normally one crane is required. An additional fork-lift truck will be required to dismount the components of a package.</p> <p data-bbox="608 1805 756 1830">Advantages</p> <p data-bbox="608 1839 1501 2056">Considerable reduction of the total volume required for transportation over far distances respectively overseas (e.g. for the transport of two emboxable silos approx. 45% of the normally required shipping volume can be saved, for the transport of six silos approx. 80% can be saved) whereas the optical quality of the silos is not deteriorated. Quick and easy erection of the silos (the erection will take approx. 4 h per silo if it is carried out by 3 skilled workers).</p>