

# SPECTACULAR REMOVAL OF 22 TONS COOLING SPIRAL ELEVATORS

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On March 22nd the roof top of one of JÖST's workshop buildings had to be cut open in order to remove the two biggest spiral elevators for cooling ever built by JÖST®.

The two spiral elevators are the key equipment of a casting cooler unit. The distance needed for cooling the casting is not set up as a straight line but as a spiral. Thanks to this you only need a quarter of the ground surface at the same cooling area.

Due to the measurements of the spiral elevators – diameter and heights of more than 5 m – it was necessary to lift the machines through the roof top of the workshop where they had been assembled. The coolers were lifted via a special crane through the roof top in two pieces each and then transported on a semitrailer truck to the customer. To reach the customer at Bestwig, Sauerland, roads had to be closed on the 150km distance and the two heavy loads needed 4 hours to get there with police protection and various escorting cars.

Engineering and manufacturing took five months. The machines were ready for dispatch on time.

