



## Tanks

**Reference Details:**

**Owner** Konya Sugar  
Factories Inc., Konya,  
Turkey +++ **Main  
Contractor** GÜLERMAK  
Heavy Industries,  
Construction and  
Contracting Co. Inc.,  
Ankara, Turkey +++  
**Engineering** IPRO  
Industrieprojekt GmbH,  
Braunschweig, Germany  
+++

**Subcontractor/Execution**  
DIVIGER Construction  
Technology Co., Istanbul,  
Turkey

**DSI Services** Supply of  
120 t DYWIDAG  
Multistrand Tendons, 264  
MA Anchorages with  
accessories; rental of  
technical equipment.



## DYWIDAG Post-Tensioning Systems strengthen Çumra Sugar Silo in the Konya Province

### Supply and installation of DYWIDAG Strand Post-Tensioning Systems for the Çumra sugar silo in Konya, Turkey

In 1992, Konya Seker Fabrikasi A.S. evolved from what was formerly the national Turkey Sugar Factories Inc. to become what is now Turkey's largest private sugar producer.

The plant's corner stone was laid on September 27, 2003 and after a construction period of only 12 months Turkey's most modern sugar production plant was officially opened on September 25, 2004. The plant is located in Çumra in Central Anatolia, about 300 km south of Ankara and about 30 km south-east of Konya (a city with a population of 40,000).

While the plant was under construction, plans for its expansion by adding an additional sugar silo were being prepared. The new sugar silo is built on a foundation ring that has an internal diameter of 44.12 m and a height of 2.55 m. The silo has an internal diameter of 38 m and a height of 40.4 m.

At the beginning of 2005 a total of 120 t DYWIDAG Multistrand Tendons St1860 and 264 MA Anchorages were supplied to the job site and installed there. DIVIGER completely installed the ducts and also placed, stressed and grouted the DYWIDAG Multistrand Tendons for the new silo between May and August 2005. The work was performed on schedule with the full appreciation of the main contractor.

The new silo was handed over to the owner in the second half of 2005 and is now an integral component of the Çumra sugar factory.