

**Alimak lift at work:  
Bobov dol power plant, Bulgaria**



# Alimak lift improves access to the power plant's chimney

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An Alimak rack and pinion lift has been installed at the Bobov dol coal-fired power plant in Bulgaria.

The 420-megawatt plant lies ten kilometres from the town of Bobov dol, in Southwestern Bulgaria. Built in the early 70s, the plant uses coal supplied by eleven mines in the region.

The Alimak rack and pinion lift was installed to facilitate the mounting and weekly inspection of control equipment used for monitoring flue gas emissions from the plant's 250-metre tall chimney. The lift substantially increases the safety of maintenance crews performing periodic general inspections of the chimney, as well.

Alimak lifts are designed to operate in demanding industrial environments, outdoors and indoors. The Alimak rack and pinion drive system offers advantages over wire rope and hydraulic lifts. Because an Alimak rack and pinion lift carries its own machinery, it does not require an expensive machine room or load-bearing lift shaft.

## DETAILS

<b>Location:</b>	Bobov dol power plant, Bulgaria
<b>Installation year:</b>	2004
<b>Application:</b>	Chimney
<b>Lift type:</b>	ALIMAK SE 700
<b>Capacity:</b>	700 kg
<b>Lift car size:</b>	1.04 x 1.17 x 2.17 m (W x L x H)
<b>Speed:</b>	0.59 m/s
<b>Lifting height:</b>	70 m
<b>No. of landings:</b>	3



*The Alimak lift is used for emissions monitoring and general inspection of the chimney stack at the coal-fired power plant outside of Bobov dol, Bulgaria.*

[www.alimakhek.com](http://www.alimakhek.com)

Alimak AB is ISO 9001 Certified

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