



EDEKA DISTRIBUTION CENTER

Rheinstetten, Germany

BACKGROUND

Previously in 2011, VAHLE was Vanderlande's project partner for the construction of the Edeka-Südwest logistics center in Rheinstetten. Due to the positive cooperation in the past, VAHLE was also called in as a partner for the cold storage expansion of the logistics center. An automatic small parts warehouse with highly dynamic multi-level shuttles has been integrated in the fresh meat distribution center of Edeka-Südwest.

CHALLENGE

The extension needed to be realised during operation. In addition, a conductor system was required which ensures trouble-free operation (function of energy and emergency-stop transmission) of the shuttle vehicles even under extreme external conditions at temperatures in the range of 0 to -2 degrees Celsius.

OUR SOLUTION

The robust compact conductor system type VKS in combination with redundant double current collectors and wear-resistant graphite carbon brushes ensures an efficient process.

ADDED VALUE FOR THE CUSTOMER

The customer gets a compact safety conductor system with high reserves of use, which is designed for extreme environmental conditions (temperatures around freezing point). Long maintenance intervals and maximum availability are achieved through the use of highly wear-resistant graphite carbon brushes.

BRANCH



CONDITIONS



FACTS

<p>~ 8 km Conductor System VKS 6/60</p>	
<p>140 HDS1-Shuttle</p>	<p>26 HDS3-Shuttle</p>
<p>166 Compact-double current collector</p>	

