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## Monorail Hoists successfully tested at -45°C

The temperature range of JDN Monorail Hoists in standard version is -20°C to +70°C.

For a special application at temperatures of minus 45°C, JDN has developed Hydraulic Monorail Hoists EH 20, which meet this demands.

Prior to delivery this hoists had to be tested under real conditions, i.e. at -45°C. But where? In the Netherlands our technicians found a suitable cryogenic test chamber and tested the hoists during several days at -45°C, at a nominal load of 16 t.

To achieve smooth starting of the Hydraulic Monorail Hoists at these extreme temperatures, they are fitted with a preheating device which increases the temperature of the drives to -25°C before operation by means of the standard hydraulic supply.

The JDN Hydraulic Monorail Hoists are suitable for operation with cryogenic hydraulic oil and work efficiently in a temperature range from -45°C to +40°C.

Questions regarding this newsletter may be forwarded to:  
[info@jdn.com.sg](mailto:info@jdn.com.sg).

Your **J.D. NEUHAUS** Sales Team

## Your JDN Sales Team

Today we introduce the JDN Sales Team to you. The Team serves you in all matters around the fields of engineering, sales, service and marketing.



Front row from left: Espen Gulliksen, Stephan Beyer, Cornelia Neumann, Cornelia Kurek, Renate Klemme, Michael Schultheis  
Back row from left: Manfred Müller, Torsten Westerhelweg, Matthias Neuhoff, Michael Nolting, Klaus Enke, Helmut Stahnke

The mobile JDN Test Rig in the cryogenic chamber



In contrast to the JDN Monorail Hoists, our personnel had to specially protect themselves during the tests at these extreme temperatures and were only allowed to stay in the cryogenic chamber for a maximum of 15 minutes.