



Our biggest  
challenge has  
a size of 0,001 mm.

**CLEANROOM-CRANE TECHNOLOGY BY**

**ALTMANN** GmbH



**ALTMANN-12.000 kg**

**ALTMANN - 12.000 kg**

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# Altmann is expert in cleanroom technology

ALTMANN is a global leader in the development and production of cleanroom cranes. Our team has designed, manufactured and assembled the biggest cleanroom cranes worldwide to date: two synchronized double girder overhead cranes – span 30 m each – with 2 synchronized hoists with a capacity of 15 tons each.

Our goal is to implement the optimum solution for every application.



Semiconductor industry



Pharmaceutical industry



Aerospace engineering



Food industry

# Cleanroom technology state of the art



**Individual solutions –  
everything from a single source**

For more than 25 years, we have been developing special material handling systems that help to combine and exploit valuable factors of production such as space, time and workforce optimally. To achieve this, we cooperate very closely with our customers.

# Your benefits

10 to

ALTMANN

Custom-made solutions for all cleanroom classes

Competent contact partner in all project stages

Low repair expenses

Low maintenance costs

Prevention of failure time

# 12 good reasons for a cleanroom crane from Altmann



**1** Powdered, smooth surface that can be cleaned without residue

**3** Discreet wiring in a closed channel, no cable accumulations, RC Unit pluggable

**5** Clean room-compatible energy chain in special low-abrasion plastic

**7** Wheel blocks that can be replaced quickly and cleanly under clean room conditions

**9** Closed energy chain channel that catches possible abrasion

**11** Frequency-controlled drives without fans and cooling fins

**2** Guide rollers instead of wheels with flanges

**4** Functional openings and bearing points closed for easy maintenance

**6** Electric belt hoist in completely closed design, low-wear and low-maintenance

**8** Rotatable load hook, hard chrome plated / stainless steel with completely finished, smooth surfaces and rolling guides

**10** Ideal material pairing that also does not abrade the coated treads

**12** All screw heads covered for residue-free cleaning

# Success factor electric belt hoist

**1** Hoist axis with inverter control; speed ratio slow to fast up to 1:1,000 possible

**2** Positioning to the millimeter

**3** Standard equipment: Pluggable RC Unit

**4** Consistently smooth, easy-to-clean surfaces

**5** Maintenance-free load belt, no polygon effect and no hook migration

**6** Hook block with rolling belt guide

**7** Extremely low noise level



**1**

**8**

**9**

**10**

**2**

**3**

**4**

**11**

**5**

**6**

**13**

**8** PLC with load master – pendulum damping, black box and bypass control optionally

**9** Electronic load monitoring; load display optional

**10** Cross travel axis with inverter control; speed ratio slow to fast up to 1:1,000 possible

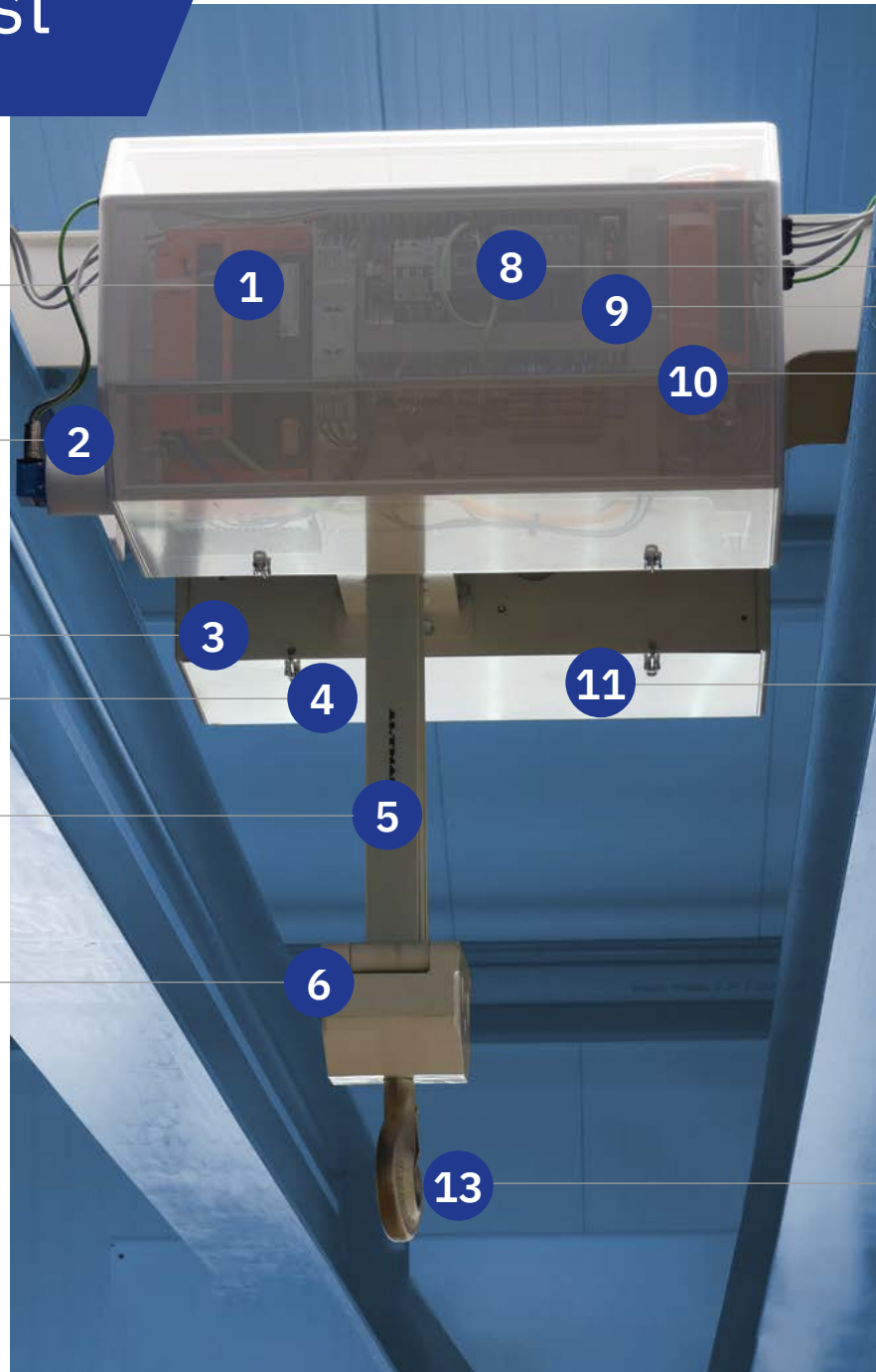
**11** Quick-release fastener for rapid, particle-free opening possible

**12** Minimum approach dimensions on all sides



**13** Load hook according to DIN 15400 in stainless steel or hard nickel plated

**14** Knurled belt drum for more safety on the belt





We're happy  
to help you.  
Please contact us  
if you need further  
help or information.

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**ALTMANN** GmbH

HIGH-TECH CRANES

