



SCHLAADT

UNTERNEHMENSGRUPPE



AirCaD – Air Cargo Device

Frankfurt, November 20, 2012



THE PROJECT

The AirCaD optimizes the loading process, the use of loading space and the weight of the AKEs and PMCs.

Common practice:



With the AirCaD:



▶ The AirCaD offers potential for a significant **weight** and **cost reduction**.

THE PROBLEM

ULDs¹ are incompatible with Euro-Pool-Pallets, so additional stabilising material is used to fit in the load.

AKE



PMC



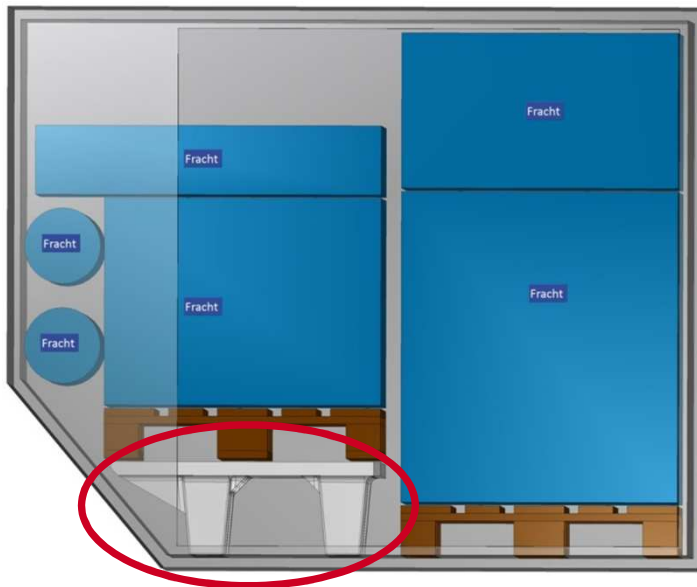
**Current
practice**

The patented design of the AirCaD offers multiple advantages in the loading process of AKEs and PMCs.

AirCaD

AKE

PMC



THE FIELD OF APPLICATION

Because of its properties the use of the AirCaD leads to a significant **weight and cost reduction.**



THE FIELD OF APPLICATION

By the use of the AirCaD an additional row of Euro-Pool-Pallets fits on a PMC without any stabilising material.



„Air cargo goes green“ – sustainability programs are gaining in importance!

Benefits of the *AirCaD* :

1) Environmental protection

- CO₂ reduction by weight and fuel savings
- Recycling compatibility

2) Optimized use of loading space

- Waiving of stabilising material enables additional payload

3) Simplified handling

- No damage to the ULDs
- Time savings because of the reduced weight

4) Optimized payload protection

- Good damping features of the particle foam



The Schlaadt Group is a specialist for packaging and thermal insulation made from particle foam.

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Company profile:

- 7 production plants, national and international
- Processor of particle foams made from EPS, EPP, Neopor® and Co-Polymers – shaped parts and pre-cut parts
- Market leader for shaped parts made from particle foam
- Production volume of 8,000 tonnes respectively 1,000,000 m³ EPS and EPP per year
- Over 300 employees
- Quality and environmental certification according to DIN EN ISO 9001 / 16949 / 14001



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AirCaD
www.schlaadt.de

Thank you for your attention. For further information, please do not hesitate to contact us via phone or e-mail.

