

ORTEC's Pallet & Load Optimization Solution

ORTEC's Pallet & Load Optimization Solution, ORTEC LoadDesigner, is an easy and powerful load plan and optimization solution for trailer, truck, sea container, air container, pallet and carton. The system delivers clear loading instructions, supports planning for the appropriate resources, and keeps loading times at a minimum. ORTEC LoadDesigner helps companies all over the world to increase their loading space utilization and reduce the number of transport units required, which will result in reduced transportation costs and increased productivity.

Benefits

- Reduced fuel costs
- Reduced overtime
- Reduced transportation costs
- Maximized loading space utilization
- Reduced process time
- Reduced waiting time at loading dock
- Increased transport service quality

Main Features

- 3D-Pick Pallet Optimization
- 3D-Pick Carton Optimization
- 3D-Load Optimization
- Suitable for different container types
- Suitable for different Load Optimization Models
- User Administration
- Reporting per email
- Load List Administration
- Load Editor
- Batch Calculation
- Load Space Type Assortment
- Compress load by length or by height
- Centre of gravity (CoG)
- Physical Constraints
- Axle Weight calculation
- Quantity of load space types
- Item Master Data
- Item – Load Space type Assignment
- Load Priority
- Load Sequence



- Load Grouping
- Stack ability Matrix
- Compatibility Matrix
- Interface Module
- Carton Type Assortment
- Pallet Type Assortment
- Cartonizing
- Layer-oriented palletizing
- Available in multiple languages

Industries

ORTEC LoadDesigner has been successfully implemented worldwide to help companies reduce their transportation costs. Some of the industries ORTEC LoadDesigner is being utilized in include:

- Consumer Packaged Goods
- Manufacturing & Construction
- Trade, Transport & Logistics

ORTEC's Loaddesigner Customers

ORTEC Customers who use ORTEC Loaddesigner to optimize their daily loading process include:

- AKZO Nobel Coatings
- Audi
- BASF
- Colgate-Palmolive
- Daimler Chrysler
- Danzas Freight Agency
- EMS Services
- Ewals Cargo
- Frico Cheese
- HAPAG LLOYD Container Line
- Henkel
- Konica
- L'Oréal
- MEET \ Middle East Equipment & Trading
- Merck
- Minolta
- MULTIBRAS S.A. (Whirlpool Group)
- Nordmilch
- Pontmeyer
- Röhm
- SCA Transforest
- Scottish Courage
- Schenker International
- Sharp Electronics
- Siemens
- Skoda Forwarding
- Sumitrans
- Transwaggon GmbH
- TTS Global Logistics
- VELUX
- VW Transport



About ORTEC

ORTEC is one of the largest providers of advanced planning and optimization software solutions and consulting services. Our solutions result in optimized fleet routing & dispatch, vehicle and pallet loading, workforce scheduling, delivery forecasting and network planning. ORTEC provides best-of-breed, custom made and SAP® certified solutions, supported by strategic partnerships. ORTEC has over 1000 customers worldwide, 700 employees and several offices in Europe and North America.

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