From Supply Chains to Value Chains Network: Why change?

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EPAL – European Pallet Association e.V.

- International association of the licensed manufacturers and repairers of EPAL load carriers
- Founded in 1991
- More than 1,500 licensed member operations for production and repair worldwide
- A qualified team of 16 employees and 7 apprentices in the General Secretariat, Düsseldorf, Germany
- EPAL ACADEMY as an international competence-, information- and training centre
- Non-profit organisation
EPAL global

• EPAL is represented with 15 National Committees and 4 Representatives in more than 30 countries. Among others:
  • Since 2008 in China
  • Since 2013 in Czech Republic & Slovakia
  • Since 2014 in Russia and Ukraine
  • Since 2015 in Brasil
  • From 2016 in the Middle East
Tasks and duties of EPAL

- EPAL ensures the consistent quality of the EPAL load carriers worldwide
- Maximizing security through close cooperation with the independent inspection company Bureau Veritas
- Central contact for all licence holders, users of EPAL load carriers, customs authorities etc.
- Close cooperation with national and international partner associations, e. g. General Standard – GS1, Fédération Européenne des Fabricants de Palettes et Emballages en Bois – FEFPEB, Chinese Federation of Logistics – China Pallet Commitee-CFLP-CPC
History of EPAL

1961
Pallet exchange in the European pallet pool with the EUR trademark

1991
Foundation of the European Pallet Association e.V. (EPAL)

2011
The Euro pallet celebrates its 50th birthday at the transport logistic trade fair in Munich

2013
EPAL/EPAL marking successfully introduced on 01.08.2013

2015 (record year)
10% increase of production and repair figures compared to 2014

2016
25 years EPAL
EPAL products
The new EPAL half pallet

- Integration of the new EPAL half pallet in the market in 2015
- Tailor made to meet the needs of the users
- The load capacity is more than 500 kg with a net weight of less than 10 kg
- Ability to access the pallets on all four sides with the greatest possible insertion width on the 600 mm side
- Providing optimum conditions for handling with forklift trucks
- Combines the flexibility of the half pallet with the advantages of the EPAL system
Specifications

• Length: 800 mm
• Width: 600 mm
• Height: 160 mm
• Weight: 9,8 kg
• Load bearing capacity: 500 kg
• Load: 2,000 kg
• Manufacture according to: EPAL construction standard
• Field of application: Transport + Storage
Promotion „Kunst statt Kunststoff“

• Introduction on the market:
  Limited Edition – 500 pieces
• Fine Arts from Düsseldorf artist Christian Gäbel
Quality assurance by the independent inspection company

- EPAL is the only pallet organisation worldwide with an independent quality inspection procedure
- The quality assurance has been performed by Bureau Veritas since 2013
- Bureau Veritas carries out unannounced, globally consistent inspections
- More than 60 experienced inspectors are deployed on a daily basis (wood and metal)
- Approx. 33,000 inspections have been performed since 2013
EPAL System

- The EPAL system is the open exchange pool of all EPAL pallets in circulation
- It's the largest open pool of load carriers worldwide
- All EPAL products are manufactured and repaired subject to external quality inspections
- The reusability of EPAL pallets in the open pool reduces logistics costs
- Exchange partners profit from the most cost effective exchange
The direct exchange – pallet for pallet
The importance of the EPAL Euro pallet to the economy

- More than 450 million EPAL Euro pallets are in circulation worldwide
- EPAL products are an essential component for the international logistics
- The dimensions of the EPAL Euro pallet determine the:
  - Internal widths of HGVs
  - Technical dimensions of warehouse systems
  - Technical specifications of automated conveyance systems
  - Dimensions of outer packaging, displays and cardboard boxes
Development of EPAL: Production figures

1995: 22,0 Mio.
2013: 64,5 Mio.
2015: 73,6 Mio.

+10,9% compared to 2014
Ecological sustainability and responsibility

- EPAL has chosen to continue using the renewable resource of wood, and thus operate an environmentally friendly, sustainable system
- One EPAL Euro pallet saves 27.5 kg of carbon dioxide
- EPAL Euro pallets impress through a long-lasting life cycle: They are reusable and repairable
- EPAL will continue to maximise safety through its independent quality inspection procedure
Support for users of EPAL products
EPAL ACADEMY

• Since 2013: International competence-, information- and training centre for pallet user from trade and industry, for logistics experts and suppliers
• Training of users in contact and handling with EPAL products
• Trainings are also offered as an adaptable inhouse solution
PalletCheck Express logistics app for an easier pallet exchange

• Exact recording of the number of pieces in the stack
• Automatic generation of an exchange document and delivery note that can be sent by e-mail
• Place and time are documented by GPS
• Information about shipper and recipient of the pallets can be added
• Classification of the pallets should be integrated in the next version
Quality classification

- Guide to the identification and judgement of single EPAL Euro pallets
- Permanent advancement in cooperation with GS1
RFID-projects

- Integration of the RFID technology in the system of the EPAL Euro pallet
- Since 2014 RFID-marked EPAL Euro pallets are available
- Development of an automatic labelling machine
- Further informations: www.palettentagging.de
Verified Rights Owner (VeRO) Program
- protection of trademark rights in the internet

Reporting Intellectual Property Infringements (VeRO)

How to report a listing to eBay

The following steps are for reporting a listing to eBay. Only the intellectual property rights owner can report of potentially infringing items or listings through eBay's VeRO Programme. If you are not the intellectual property rights owner, you can still help by getting in touch with the rights owner and encouraging them to contact us.

Step One:

If an item or listing infringes on your intellectual property rights, you can report the alleged infringement by submitting a Notice of Claimed Infringement (NOCI)
Welcome to ZGR-online

ZGR-online stands for Zentrales Datenbanksystem zum Schutz von Geistigen EigentumsRechten online (centralised online accessible database for the protection of intellectual property rights).

The German Customs Administration has been deploying a new online procedure for industrial property rights since May 2009. ZGR-online is the German abbreviation for the centralised online database system for the protection of intellectual
Activities against counterfeiters

- Fight against infringements of trademark rights, counterfeit pallets and violations of property rights
- Close collaboration with the customs authorities
- Training of customs officers at the EU’s national borders
- Successes in the fight against counterfeiters:
  - Concerted campaigns at the Slovakian/Ukrainian border (8,000 counterfeit pallets)
  - Polish campaign against Ukrainian counterfeiters (7,000 counterfeit pallets)

May 2015 - seizure of counterfeit pallets
EPAL – the future

• Extension of the most important independent quality assurance of standardised products worldwide
• Development of a custom pallet for the Asian domestic market
• Progression of international partnerships to increase the efficiency in logistics
• Development and extension of the market position in Middle East, Asia and in South America.
„Kalipe“ – always with a steady foot
(Tibetan word used by Reinhold Messner as his motto)