

Entry Name: "PON-PA" box, a surprisingly simple opening or closing system.

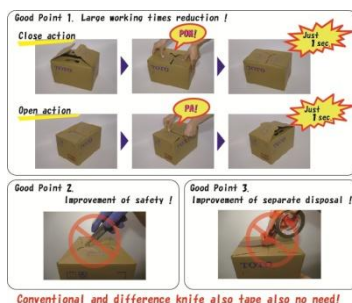
Entry Number: 0099/T
 Company: TOTO LTD.
 Country: Japan
 National Competition: Japan, Japan Good Packaging
 Email: naoki.ishida@jp.toto.com
 Website: www.toto.co.jp

"PON-PA" is a tape-less carton box structure that is beneficial in efficiency and safety during transport operation. To open and close a "PON-PA" box is extremely easy; - Only a few simple motions within one second required - No knife or cutter required to prevent any damage

We have been working on tape-less carton designs in the interest of 3R; Reduce, Reuse, Recycle. Tape-less carton generally has had difficulties in its efficiency, safety, and protection performance, but "PON-PA" conquered them all with its simple structure, which also helps the recycle process.



**Package innovation BOX
 "PON-PA"**



Entry Name: Advanced ExPak XL for Large Printer Components

Entry Number: 0421/T
 Company: NEFAB Packaging Hungary Ltd.
 Country: Hungary
 National Competition: Hungary, Hungaropack
 Email: zoltan.toth@nefab.com
 Website: www.nefab.com

NEFAB's returnable, nailless plywood packaging solution can be assembled by one man, safely and quickly, without tools. The foam fitment system provides protection against shock and scratches. Its size is optimized for the whole logistic chain, and can be delivered flat, resulting in cost savings and environmental benefits.

New era in packaging of large products - ExPak XL is NEFAB Group's new patented packaging solution, engineered for fast, efficient and safe packaging. Our nailless plywood solution is the ideal alternative for wooden crating. Our no tool assembly and re-usability offers perfect protection in your supply chain and transit packaging.



Entry Name: Automotive seat part's transport returnable and foldable tray solution

Entry Number: 0354/T/S
 Company: Green Packaging Kft./Johnson Controls Mór Betéti Társaság
 Country: Hungary
 National Competition: Hungary, Hungaropack
 Email: tibor@greenpackaging.hu
 Website: www.greenpackaging.hu

We developed a PP channel plastic returnable tray solution replacing an old one way corrugated paper pack. This solution circulated between Poland and Hungary, saves millions of tons of paper, protects the environment, has economical benefits and is sustainable. Development time was one year until the best suited solution had been found. Until the development of the new tray there were 7 different trials, prototypes, and finally the best solution was found. This is a tray that protects the automotive steel parts against friction, damages, and foldable during return. Tons of waste paper saved. End of the cycle PP can be recycled.

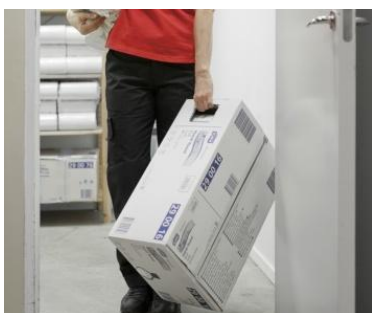


Entry Name: Carry Box
 Entry Number: 0268/T
 Company: DS Smith
 Country: Sweden
 National Competition: Scandinavia, Scanstar
 Email: claes.petersson@dssmith.com
 Website: www.dssmithpackaging.se

Proudly presenting the packaging that revolutionized everyday life for maintenance workers. It is easy to lift and carry, carry two- at- a-time and with one hand. Conveniently placed handles and easy opening – just grab and pull. Easy to fold and dispose. From box to flat pack in 2 seconds.

This video says it all and shows all benefits of the box!

https://www.youtube.com/watch?v=0o_3bX-gxc4



Entry Name: **Clip-Lok crate with finger-releasable plastic clips**
Entry Number: 0312/T
Company: Clip-Lok SimPak
Country: Denmark
National Competition: Scandinavia, Scanstar
Email: alassen@clip-lok.com
Website: www.clip-lok.com

Clip-Lok SimPak® introduces the world's first finger-releasable plastic clip for use in assembling Clip-Lok crates made of sheet materials. The easy-open clip mechanism makes it simple to open the crate. No tools are required to release the clips. They are simply snapped open and shut using only a finger.

These injection molded clips cost considerably less than steel clips and they can be used to secure plywood crate panels as thin as 6.5mm and as thick as 18mm or even greater. The clip saves the customer money, time and resources and can make their job safer and more comfortable.



Entry Name: **Corrugated Bee-Box**
Entry Number: 0070/T/S
Company: Smurfit Kappa Interwell GmbH & Co KG
Country: Austria
National Competition: Austria, Green Packaging Star Award
Email: daniela.kremsmayr@smurfitkappa.at
Website: www.smurfitkappa.at

The Corrugated Bee-Box allows beekeepers to transport bee-colonies together with honeycombs in a more user-friendly way. It contributes to increase bee population due to improved ventilation. Advantages compared to wooden boxes: 86% cost saving, 50% reduced transport routes, 75% CO2 emission savings, 80% less storage area and 90% less weight.

5000-10000 bees on up to 6 honeycombs in 1 Bee-Box. Exchange of bee-colonies between beekeepers is necessary because of the rising bee mortality rate, caused in turn by mites from Asia.



Entry Name: EMBALAJE PARA EL TRANSPORTE DE PARACHOQUES PARA VEHICULOS

Entry Number: 0338/T
Company: CARTONAJES FONT,, S.A.
Country: Spain
National Competition: Spain, Liderpack
Email: jruiz@fontpackaging.com
Website: www.fontpackaging.com

In this sector we see the need to create a carton for car bumpers capable of improving transport and optimize its storage, allowing customers to dispense with metal bumpers topsail to transport packaged only with a paper sack .
Advantages: saving logistics costs, product protection , image, recyclable and saving storage space.



Entry Name: Enviro Barrier

Entry Number: 0379/T/S
Company: Pope Packaging
Country: Australia
National Competition: Australia, Australian Packaging Design Awards
Email: matthews@popes.com.au
Website: www.popes.com.au

Enviro Barrier™; multiwall papersack for cement, industrial powders and foodstuffs which is biodegradable, compostable and recyclable. The used package can be disposed of via paper recycling systems, composting, or into landfill. This sack exhibits excellent performance on high speed filling systems at a similar cost.

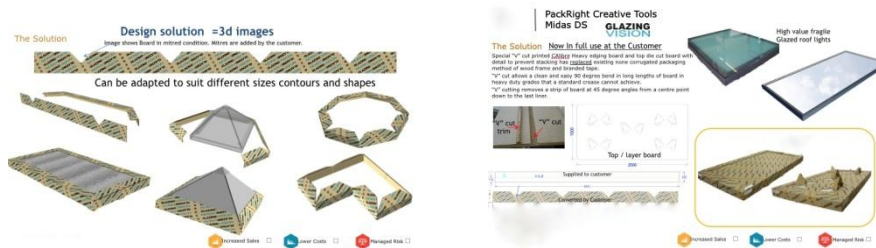
An innovative method of applying a FDA approved water based biodegradable coating has replaced the conventional composite paper/PE structure and is achieving the moisture resistance and strength necessary to protect the contents. Complies with standards such as EN 13432-2000 - composting and biodegradation of packaging.



Entry Name: Glazing Transit Packaging Range
Entry Number: 0251/T
Company: DS Smith Heavy Duty
Country: United Kingdom
National Competition: United Kingdom, Starpack
Email: peter.foot@dssmith.com
Website: www.dssmithindustrial.co.uk

The solution is adaptable, scalable and a 100% recyclable, replacing presswood board and none recyclable vinyl tape. It suits the many different shapes and size range of high value industrial Glazed Roof Lights for global distribution. The customer protection and branding has been transformed matching the customer brief 100%.

The design has reduced packing times and realised annual packaging savings of £36,000 for the range of 11 rooflights in varying sizes. Customer Statement “The whole process was a lot speedier than we hoped and the finished article has met and exceeded our expectations.” Kevin Shaw – Operations Direct – Glazing Vision.



Entry Name: Husqvarna 320/330 Automower
Entry Number: 0089/T
Company: Saica Pack
Country: United Kingdom
National Competition: United Kingdom, Starpack
Email: chris.chilton@saica.com
Website: www.saica.com

Systematically designed Corrugated pack to carry a large automatic lawn mower, designed to save the customer 40% on current packaging material costs, reducing pack volume, whilst improving on the overall protection and pass the required test schedule. Flexographic print to rival Lithographic.

Artwork originally developed for Lithographic printing was skilfully modified enabling high standard of print in High Quality Flexo Post Print with in-house printer. • 24% reduction in material from original pack • 40% reduction die cut waste • 50% reduction machine passes • Husqvarna production line speed maintained • Full compliance with Husqvarna test procedure.



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Entry Name: Kúp - és tányérkerék tengerentúli szállítási csomagolás
(Bevel gear and ring gear overseas transport packaging)

Entry Number: 0173/T
Company: Mosonpack Kft.
Country: Hungary
National Competition: Hungary, Hungaropack
Email: itnemeth@mosonpack.hu
Website: www.mosonpack.com

Easier packaging process, less amount of time spent, less employee claim. Easier way to manufacture, the construction can also use to series production. Recyclable packaging, source reduction compared to the previous packaging. (250% savings material). Packaging system consist of: Product + VCI foil + 5 layered corrugated board insert + wooden crate
Further development process: One material packaging system. For example: Instead of a wooden crate, 7 layer corrugated board container box to use. Further cost reduction can be achieved with this in the one-way packaging process. So it would be totally environmentally responsible packaging.



Entry Name: Safe Storage Corner
Entry Number: 0255/T
Company: Smurfit Kappa Sweden
Country: Sweden
National Competition: Scanstar
Email: lube.belokozovski@smurfitkappa.se
Website: www.smurfitkappa.se

When transporting sensitive products together with small sharp objects in the same box the result is often damaged goods and claims. The unique solution of the Safe Storage Corner box moves the boundaries of the standard RSC-box and provides a new type of protection for the shipped goods.

It is based on standard RSC-design and works on current production lines with maintained efficiency. The safe area is created automatically when erecting the box and stops the product from being damaged by the sharp objects. It saves time, money, frustration and need for extra padding.



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Entry Name: SAICA E-WINE
Entry Number: 0337/T
Company: Saica Pack
Country: Spain
National Competition: Spain, Liderpack
Email: AEQCT@AEQCT.ORG
Website: www.saica.com

Wine bottles packaging designed for parcel shipments . Its design protects the bottles on the three axes of impact, preventing damage. Uses an area less than other cardboard models and can be mounted in just 5 seconds.

E-wine has been approved by the demanding standard required ISTA 3A exceed 17 falls on different sides and angles.



Entry Name: SCIEX - Turbo V Ion Source Packaging
Entry Number: 0202/T
Company: Greenpac (S) Pte Ltd
Country: Singapore
National Competition: Singapore, Singapore Star Award
Email: eco@greenpac.com.sg
Website: www.greenpac.com.sg

Re-engineered packaging solution for medical device provides further cost down for the customer which translates into long - term savings. It boosts operation productivity for better and more efficient packing and handling whilst also retaining the robustness albeit lesser material used and smaller size. Furthermore, this packaging is 100% environmentally-friendly.

Sciex TurboV Ion Source - extremely sensitive equipment. Re-engineered - reduce overall size and material usage. Foam design/structure- movement restriction during transportation. Probes - inserted vertically downward, size reduction. Cover - dedicated slot for accessories. Base - two "runners" to compensate for reduced size. Achieve G-value of 15 for cushioning.



Entry Name: **Sealed aluminum frame environmental protection packaging box adapting Oriented Structural Straw Board (OSSB) as the boxboard**

Entry Number: 0380/T/S
Company: Aerospace Wanyuan Enterprises Corporation
Country: China
National Competition: China, PackStar
Email: packstar@cepi-china.com

It can be sealed without an adhesion agent, has environmental protection and adapts symmetrical structure, so it can be manufactured by one set of moulds which can reduce the cost. Take the OSSB environmental protection board as the packing box which is lighter than the traditional plywood, fiberboard, etc.

It is sealed without adhesion agent and adapts OSSB (Oriented Structural Straw Board) environmental protection board which is lighter and formaldehyde less, so it has environmental protection, convenient recycling and reusable. Dedicated calculation software without drawing can shorten the design period by 70% and improve the production efficiency.



Entry Name: **Securitypackfix**
Entry Number: 0077/T
Company: Drei V GmbH
Country: Germany
National Competition: Germany, Deutscher Verpackungspreis/German Packaging Award
Email: kalb@drei-v.de
Website: www.drei-v.de

Securitypackfix is the new shipping box with security bottom and top. It offers a reliable theft protection as it prevents any attempt to remove articles from the pack during transport without leaving visible traces.

Extra glue strips on the automatic bottom attach the overlapping layers to one another when the package is being erected. Side flaps with self-adhesive glue close the top on all sides. The built-in tear strip makes it easy to open the box.



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Entry Name: The improvement by adopting a paper joint for large-scale copier's packaging

Entry Number: 0069/T
Company: Ricoh Technologies Company,Ltd., Ricoh Logistics System Co.,Ltd.,Nakatsugawa Packaging Industrial.Co.,Ltd,
Country: Japan
National Competition: Japan, Japan Good Packaging
Email: h-sato@nb-npi.co.jp
Website: www.nb-npi.co.jp

In the state that the squarely cylindrical corrugated cardboard element is fitted in the tray-formed base element, these two different elements are unified when they are locked with each other. Since the locking is made obliquely at 45°, fastening by tab insertion is more solid than the locking upright.

Conventional PP joints are structurally protruding out of the top cap and base elements and can interfere with the joints of other packages during loading in containers or handling in warehouses, resulting in damage. Improvement effect - 50% of working hour shortening - Eradication of the damage accident - CO2 emission reduced



Entry Name: Toolspec Shipper for CNH Tractor Components

Entry Number: 0397/T
Company: D.S.Smith Packaging
Country: United Kingdom
National Competition: United Kingdom, Starpack
Email: vince.gudgeon@dssmith.com
Website: www.dssmith.com

- New pack has eliminated the need for bubble wrap and achieved zero damages.
- Suitable for multiple re-use and fully recyclable at end of life.
- Excellent for space on tessellated awkward shape components.
- Efficient use of corrugated fitments – minimal waste.
- Packing time reduced by 30%.
- Decanting time reduced by 50%



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Entry Name: VACSAC
Entry Number: 0341/T
Company: CLIME, S.A.
Country: Spain
National Competition: Spain, Liderpack
Email: david.climesa@fibcnet.com
Website: www.fibcnet.com

VACSAC is an advanced application that allows vacuum packaging of products in formats from 200 to 2,000 kg .

To keep the domestic product in the same condition for long periods, it allows used modified atmospheres.

Reduce the volume occupied by the product in the container Optimizes logistics to get flat shapes in flexible package.

