



WITH SOLID BOARD SLIP SHEETS.

**SIMPLIFY  
YOUR  
LOGISTICS  
PROCESS  
AND REDUCE  
YOUR COSTS.**





SOLIDUS SOLUTIONS

## **WORLDWIDE CREATOR OF SUSTAINABLE AND INNOVATIVE SOLUTIONS.**

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SOLIDUS, our chosen company name, is Latin for solid – and stands exactly for our companies' values: We are strong, authentic, reliable and credible. With a long history reaching back 150 years, almost 1.000 employees, four solid board mills and four converting plants in the Netherlands, Belgium and the UK, SOLIDUS SOLUTIONS is the largest of Europe's

leading producers of solid board and solid board packaging. For us it's a privilege to work with a natural and completely recyclable material. The most products of SOLIDUS SOLUTIONS are FSC certified, by using FSC certified products we can assure both our clients and end users that our products are made in accordance with the sustainable methods of forestry.

OUR SLIP SHEETS

## DESIGNED TO REPLACE.

**OUR SLIP SHEETS ARE THIN, QUALITY SOLID BOARD SHEETS FIT TO REPLACE ANY SIZED PALLET.**

- SOLIDUS SOLUTIONS slip sheets are designed to replace the traditional wooden pallets during commercial ground, air or sea transport. The unit load is usually stretch wrapped or shrink wrapped for more stability.
- SOLIDUS SOLUTIONS solid board consists of several layers of solid board sheets laminated together. The bonding of layers of several flat solid board sheets increases the slip sheet's non-tear strength.
- SOLIDUS SOLUTIONS slip sheets typically have tabs or „lips“ on one to four sides in order to allow the gripper of a push-and-pull attachment of a forklift to clamp down on the tab safely. The tabs run the length of the sheet and extend past the load. When a roller fork unit is used no tabs are required.





CLEARLY SUPERIOR

# SLIP SHEETS VS. WOODEN PALLETS – YOUR BENEFITS AT A GLANCE.

SOLIDUS SOLUTIONS slip sheets are generally pallet-sized but are produced according to your requirements regarding length and width. Their loading capacity ranges from 300 - 1.500 kg and possible additional features include anti-slip, anti-scratch and/or water-repellent coatings.

15%

**Transport cost savings**

80%

**Material cost savings**

50%

**Time saving while loading/unloading**

1 000

SLIP SHEETS

VS.

1 000

PALLETS

=

1 m<sup>3</sup>

=

70 m<sup>3</sup>

**Space/storage costs reduction**

## **The benefits – handling wise:**

- User-friendly handling
- Reduction in fork truck movements
- Workers injuries reduction

## **The benefits – in the matter of hygiene:**

- No hazardous nails or splinters
- Insects elimination
- Rodent problems elimination

## **The benefits – for the environment:**

- Produced from renewable resources
- Wood-free
- 100% recyclable
- Reduce CO<sub>2</sub> emissions through increased load fill
- FSC Approved Product

## **The benefits – in the workflow:**

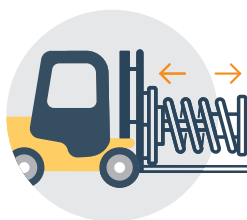
- No exchange/replacement of pallets
- No need for material return
- No repairs or losses
- No need for treatment (ISPM 15)
- Administrative costs reduction
- No need for circulation control
- Can be customized to fit any size load



## SIMPLE AND EFFECTIVE THE CHARGE METHODS.

SOLIDUS SOLUTIONS slip sheets are handled either with a push-pull unit or with a roller forklift: A push-pull unit is a device that is easily attached and removed to and from

any standard forklift. Roller forklifts are mechanical forklifts designed for palletless handling and can also be used as standard forklifts, providing greater operational versatility.



### Work principle with push-pull units:

- The push-pull unit grabs on to the slip sheet and pulls it onto the forklift, together with the goods.
- The forklift transports the goods and positions them inside the container.
- The push-pull unit pushes the boxes off the forklift and into the container. The slip sheet is then released.



See how easy it works  
[youtu.be/Mt\\_eEK2Da3Y](https://youtu.be/Mt_eEK2Da3Y)



### Work principle with roller forks:

- The roller fork slides under the slip sheet with the goods on it.
- The roller fork unit lifts the goods from the floor and transports them to the container.
- The roller fork is lowered and the goods together with the slip sheet roll off the forklift.



See how easy it works  
[youtu.be/2DpZVsKyUq4](https://youtu.be/2DpZVsKyUq4)

## STREAMLINING A SHIPPING PROCESS

# A SOLIDUS SOLUTIONS CASE STUDY.

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**EFFICIENT AND SAFE LOGISTICAL PROCESSES ARE A MUST FOR BUSINESS. A LEADING BRITISH FOOD PROCESSOR INFORMED US THAT THEIR CURRENT CONTAINER PACKING PROCESS WAS LABOUR AND TIME EXPENSIVE.**

The container fill up process involved boxes being handled into a container by multiple members of staff. Additionally the customer wanted to know how their carbon footprint could be lowered by making the shipping process more environmentally friendly. We

explained not only how SOLIDUS SOLUTIONS slip sheets reduce loading and unloading times by up to 50%, they also increase container fill up by up to 10%. We were able to convince the customer and finally we implemented our product.



### CUSTOMER CHALLENGE

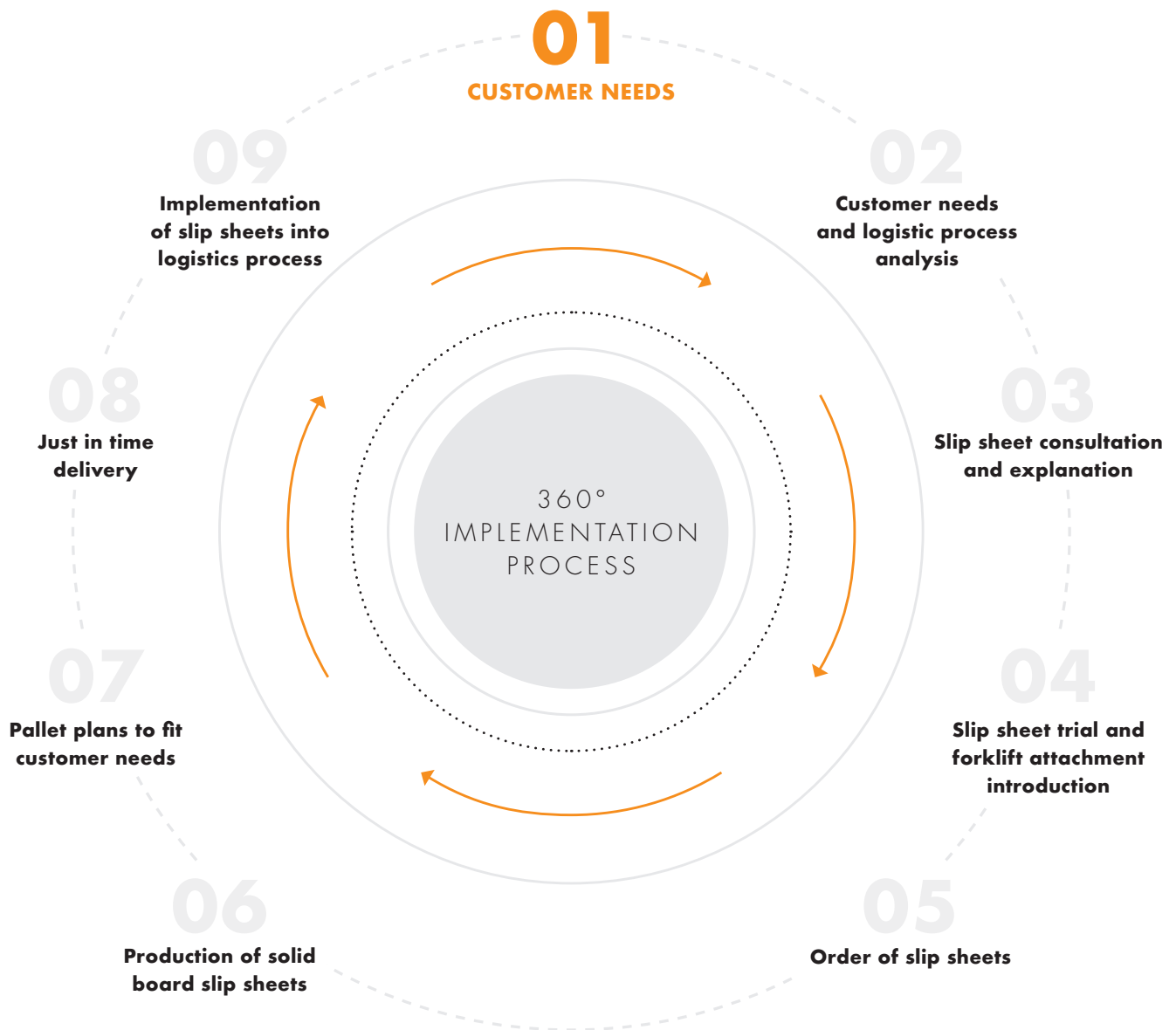
- Reduction of labour costs when filling a container
- Reduction of “dead space” in a container
- Reduction of carbon footprint
- Enabling a wood free environment

### SOLIDUS SLIP SHEET SOLUTION

- Reduction of man hours by replacing manual work with only 1 forklift operator
- Substitution of pallets for P.E lined solid board slip sheets

### CUSTOMER BENEFITS

- Saving £150,000 on transportation costs
- Saving £100,000 on labour costs
- Operating in a wood-free environment
- Increasing in container fill up by 10%
- Reduction of carbon footprint



FULL SERVICE, 360°

## THE SOLIDUS SOLUTIONS SLIP SHEET IMPLEMENTATION PROCESS.

Efficient and safe logistical processes are playing an important role worldwide in the exporting business area. To stay competitive in rapidly changing markets and to reduce the carbon footprint, companies need more than only superior handling materials. We pride ourselves on making bespoke solutions for each of our customer needs and therefore offer full service and support for the whole process of implementing the new generation of shipping.



**Get in contact with any questions you have. Start the process of maximizing your container usage and minimizing your costs today. We are looking forward to hear from you.**

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