



Clip-Lok SimPak[®]

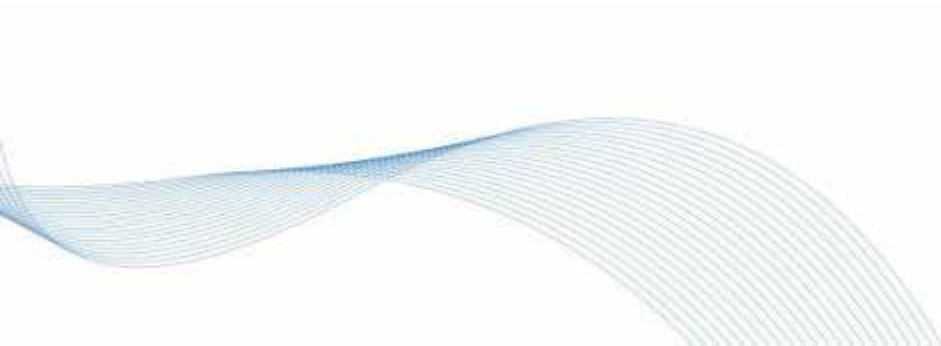
Rolls & Coils

The Albany International project

Albany International Project

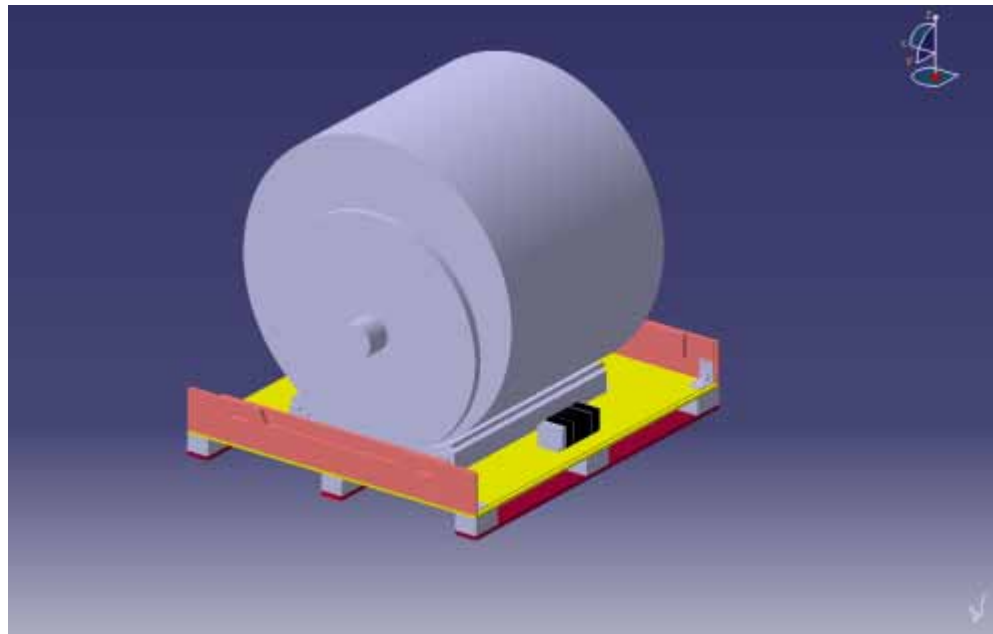
- § Production plant in
 - § Europe (8 plants)
 - § America (9 plants)
 - § Asia (3 plants)
 - § Totaly 20 plants
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- § History:
 - § Albany International, material used for the paper industries.
 - § Very sensitive material.
 - § Processing of material in different plants.
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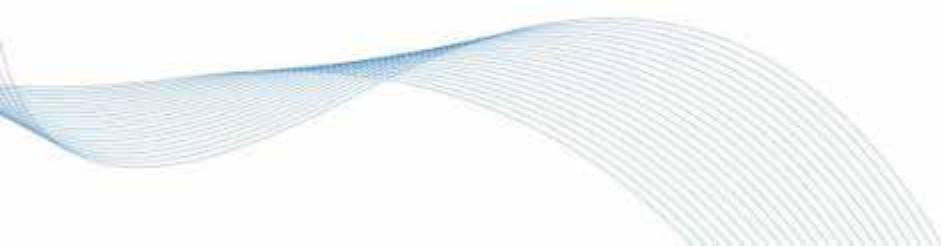
Dynatex project



Diameter of roll vary between 1000-1300mm

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Previously box for dynatex rolls

- § Wooden box
 - § Not collapsible
 - § 9 boxes/ trailer
 - § Stock of boxes outside
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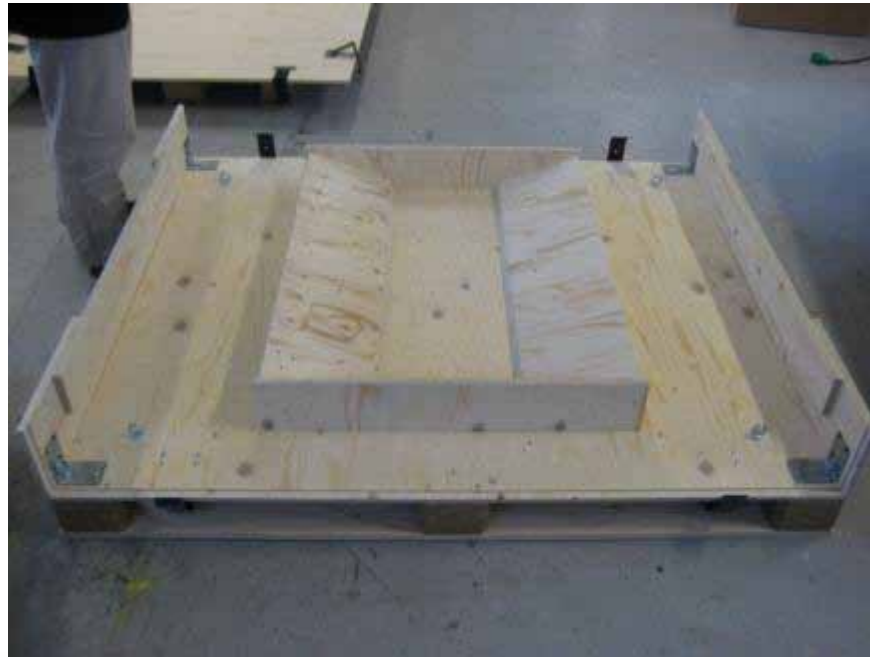
The Clip-Lok box

- § 8 times better return transport
- § Stock of boxes in side the factory
- § Faster handling
- § Less damages on the rolls



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Clip-Lok Design



Plywood dunnage frame which can handle all the different sizes

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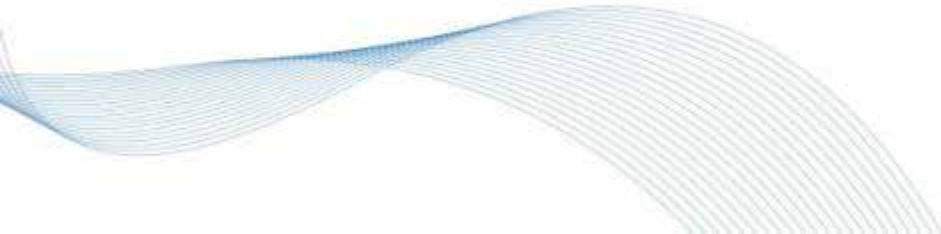
Only 4 loose clips on the solution

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Flat packing the box

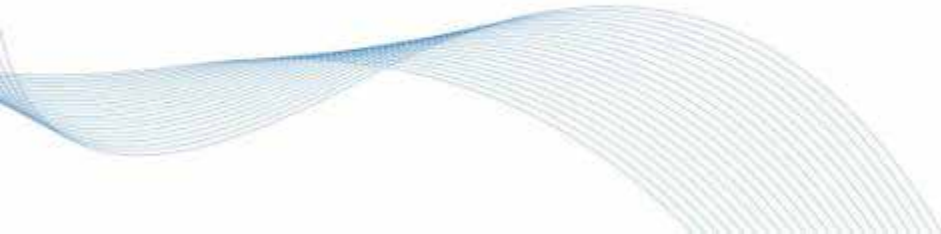


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Clip-Lok Design



Flat packing the box

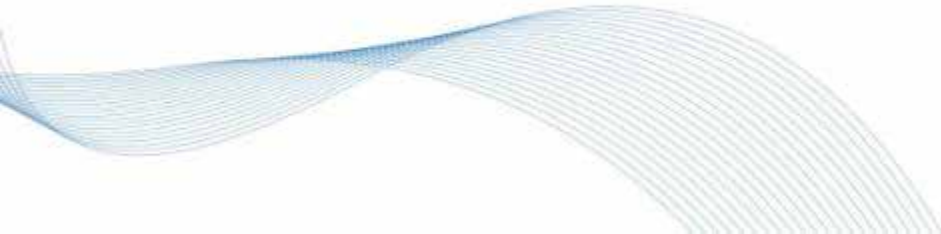


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Packing of the box with all four sides removed



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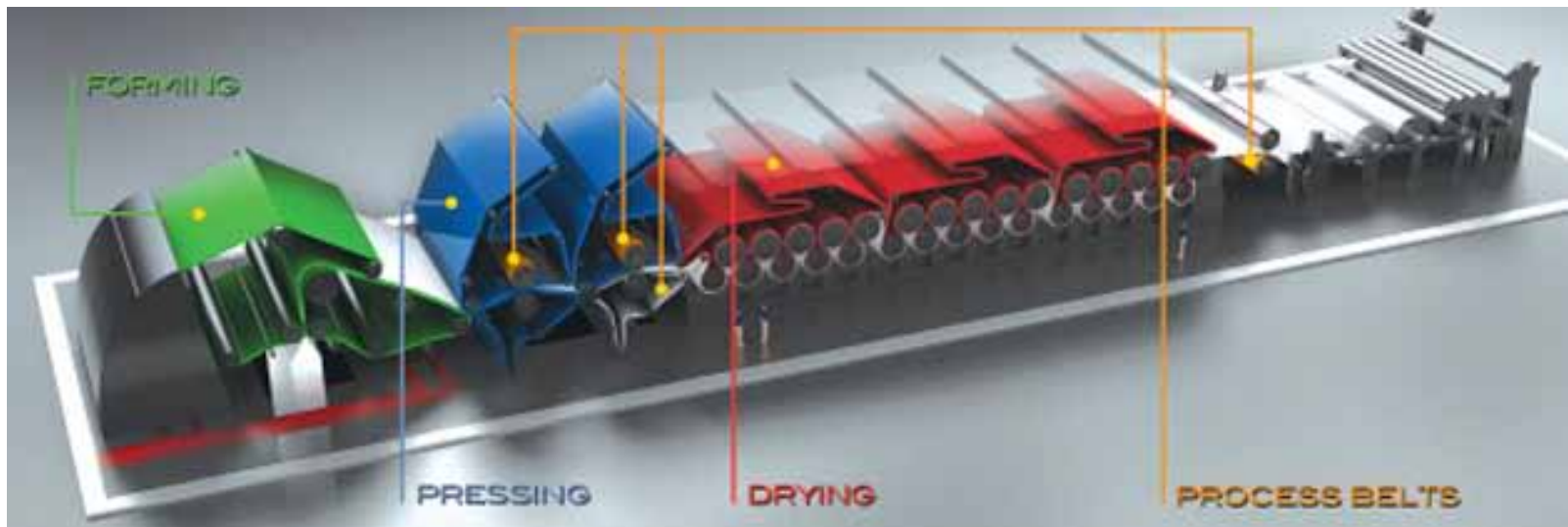
4 eyebolts which makes it possible to strap the roll

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Summary of calculations	Year 1	Year 2	Year 3	Year 4	Year 5
Costs in EUR					
<u>Study 1: Existing re-usable box</u>					
Number of boxes to purchase	30,7	1,5	2,3	2,3	1,5
Cost boxes	3 068	153	230	230	153
Cost maintenance	400	420	450	480	500
Cost damage	0	0	0	0	0
Cost assembly	2 000	2 100	2 250	2 400	2 500
Cost transport sending	88 889	93 333	100 000	106 667	111 111
Cost transport return	88 889	93 333	100 000	106 667	111 111
Cost total per year	183 246	189 340	202 930	216 443	225 376
Cost total accumulated	183 246	372 586	575 516	791 960	1 017 336
<u>Study 2: Clip-Lok re-usable box</u>					
Number of boxes to purchase	30,7	1,5	2,3	2,3	1,5
Cost boxes	19 822	991	1 487	1 487	991
Cost maintenance	2 584	2 713	2 907	3 101	3 230
Cost damage	0	0	0	0	0
Cost assembly	1 000	1 050	1 125	1 200	1 250
Cost transport sending	88 889	93 333	100 000	106 667	111 111
Cost transport return	24 489	25 713	27 550	29 387	30 611
Cost total per year	136 784	123 801	133 069	141 841	147 193
Cost total accumulated	136 784	260 585	393 654	535 495	682 688
<u>Savings</u>					
Savings per year	46 462	65 539	69 861	74 603	78 182
Savings accumulated	46 462	112 001	181 863	256 465	334 648

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Potential for Clip-Lok



Potential for Clip-Lok in all Albanys production plats