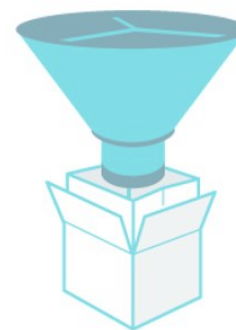
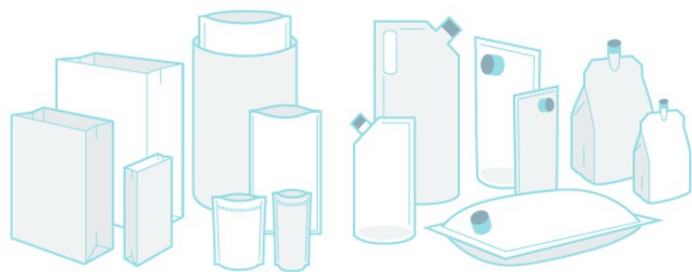
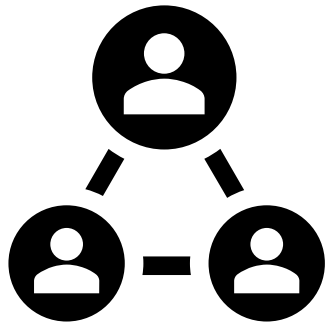


B

Groupe
BERNHARDT
DELTASACS





*A long-standing
family business*

Our mission

PRODUCE THE RIGHT PACKAGING:

PROTECTIVE, PRACTICAL, ECO
FRIENDLY AND TO YOUR IMAGE



PROVIDED SUITED AND SUSTAINABLE SOLUTIONS



STEER INNOVATION AND PROJECTS WITH OUR CLIENTS



Two complementary activities

OUR PACKAGING SOLUTIONS

- ▶ Design and manufacturing of tailor-made flexible packaging for liquids and solids
 - ▶ CUSTOMIZED AND TECHNICAL POUCHES
 - ▶ WIDE RANGE OF FORMATS, FROM 100ML TO 2,000L
 - ▶ MEETING QUALITY REQUIREMENTS OF THE PHARMACEUTICAL AND FOODSTUFFS INDUSTRIES
 - ▶ FOOD CONTACT CERTIFIED MATERIALS MANUFACTURED IN FRANCE AND EU



OUR PACKING LINES

- ▶ Filling, gravimetric dosing, vacuum and sealing technologies
 - ▶ SEALERS WITH TEMPERATURE REGULATION
 - ▶ VACUUM AND GAS FLUSHING TECHNOLOGIES
 - ▶ COMPREHENSIVE PACKING LINES FOR BAGS, BUCKETS, CARDBOARD BOXES AND BIG-BAGS



1956

- ▶ Creation of Bernhardt in Boulogne-sur-Mer (Northern France)



- ▶ 120 employees, of which 35 hired since 2020

3

- ▶ Production Sites



- ▶ 30 production lines, 1 lamination line and 1 flexo HD printing line

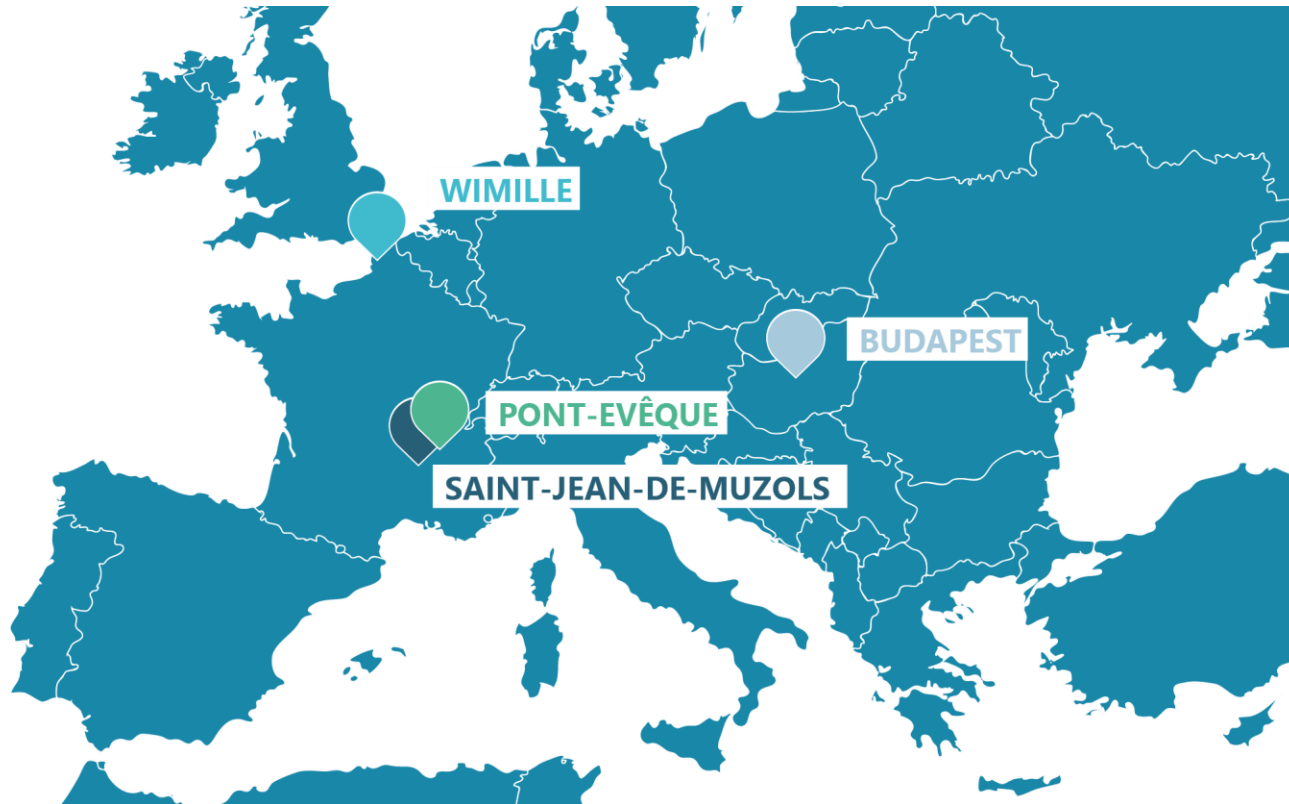
€20M

- ▶ 2021 Turnover



- ▶ 25% of our turnover on export sales in more than 30 countries

Our production sites



Our Clients

FOODSTUFFS



PHARMACEUTICALS & COSMETICS



CHEMISTRY & DETERGENCE





02

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***Our shared
project***

Project based on strong complementarities

- ▶ Two related businesses with a common suppliers base
- ▶ From BtoB to BtoC, from the supply of printed wheels to the production of bags, from small to very large sizes
- ▶ Modern and effective production tools
- ▶ Complementary clients (cosmetics, foodstuffs, pharmacy)

Why choose Bernhardt-Deltasacs?

▶ Long-standing experience in pharma applications

- ▶ VERY HIGH QUALITY STANDARDS
- ▶ FOCUS ON DETAILED TRACEABILITY
- ▶ CERTIFICATIONS (ISO, PHARMACOPEIA, FDA, DMF, VMF, IQ/OQ)

▶ Our ability to personalise bags, and our know-how in the field of recyclable & paper-based material

▶ Efficient customer service

- ▶ FLEXIBILITY IN DELIVERY TIMES AND ORDER QUANTITIES
- ▶ TEAM OF EXPERIENCE TECHNICIANS
- ▶ FAST AFTER SALES SERVICE

▶ Our innovation capacity!

- ▶ ALLOWED BY OUR COMPLEMENTARY DEPARTMENTS

Our strategy for 2024 – Priorities

► Stand Up Pouches for liquid products

- FROM 100ML UP TO 10L
- REPLACE BOTTLES AND JERRICANS WITH POUCHES
- MADE OF RECYCLABLE MATERIALS WHEN TECHNICALLY POSSIBLE

► Provide solutions for products sold in bulk

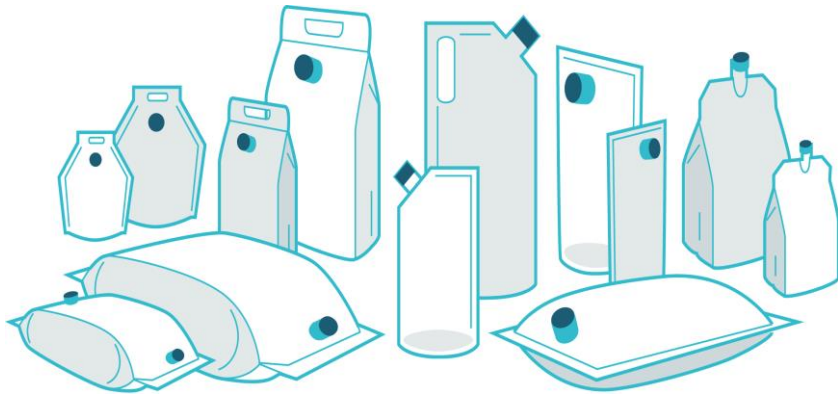
- PROTECTION OF RAW MATERIAL AND UNFINISHED GOODS DURING TRANSPORT (BIG BAG FILLING AND BIG BAG HIGH BARRIER LINERS)
- INCREASE THE SHELF LIFE OF HIGH VALUE PRODUCTS
- PROVIDE SMART SOLUTIONS FOR THE SALE OF PRODUCTS IN BULK TO END CONSUMERS

► Develop environmentally-friendly solutions

- LOOK FOR HIGH BARRIER ALTERNATIVES TO ALUMINIUM
- CREATE A RECYCLABLE RANGE
- FOCUS ON REUSABILITY

WITH A FOCUS ON
EXPORT MARKETS





03
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***Bernhardt &
Deltasacs, Expert
flexible packaging
manufacturers***

Our expertise in flexible packaging



► Flexible packaging

- PRACTICAL : SPACE SAVING AND TRANSPORT OPTIMIZATION
- LIGHT : WEIGHT REDUCTION OF THE PACKAGING
- INNOVATIVE : SOLUTIONS ADAPTED TO YOUR PRODUCTS
(ZIPLOCK, CAP, POURING SPOUT...)

► Eco-responsible solutions

- USE OF RECYCLABLE OR COMPOSTABLE MATERIALS
- HOME COMPOST AND PEFC CERTIFICATIONS
- FRENCH AND EUROPEAN SUPPLIERS

► Focus on quality

- USE OF PROTECTIVE AND BARRIER MATERIALS
- PRINT CUSTOMIZED HD FLEXO

Bag with cardboard bottom



- ▶ Ideal packaging for chocolates, sweets, cookies, nougats, candies and other fine grocery products
- ▶ Available in different materials :
 - OPP
 - Natureflex®
 - Kraft
- ▶ Customizable :
 - HD flexo printing
 - Ability to add a « window »
- ▶ Stability thanks to an integrated cardboard
- ▶ Available in 6 sizes
- ▶ Can be recyclable or compostable



- ▶ Ideal packaging for foodstuffs, cosmetics and household products
- ▶ Available in different materials :
 - Brown or white kraft
 - PE mono-material
- ▶ Customizable :
 - HD flexo printing
 - Ability to add a « window »
 - Different closing : ziplock, cap, pouring spout,.....
 - Recyclable
- ▶ Barrier to aromas, moisture, gas
- ▶ Made in France

Solutions for Solids



1 → 200 L

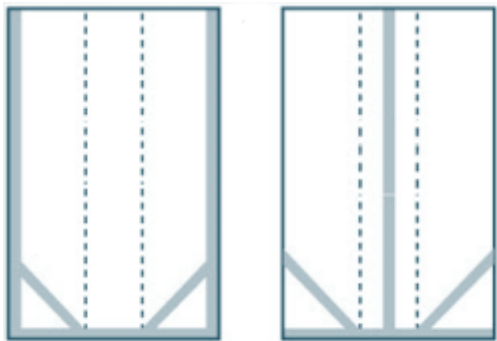
3 SEALS



20L 40L 60L 80 L



BAG-IN-BOX



2 L → 100 L

SIDE GUSSETS



500 mL → 5 L

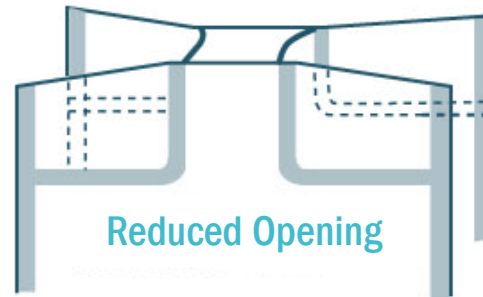
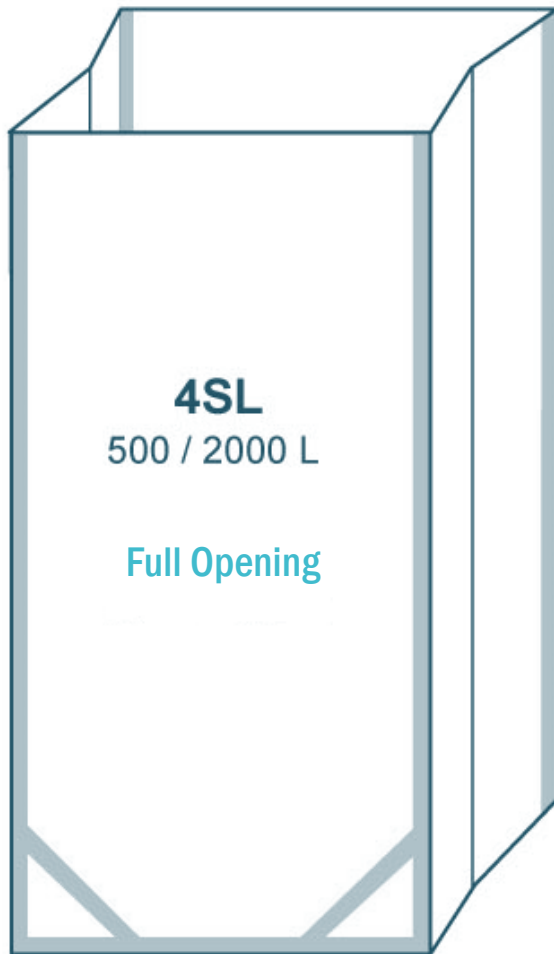


500 mL → 80 L

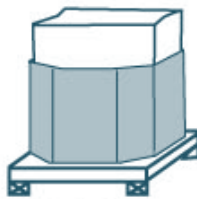
STAND-UP



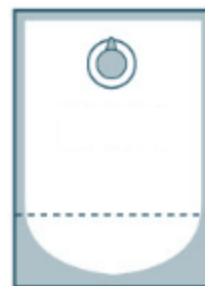
Solutions for Large Containers



Inliner applications



Solutions for Liquids (500mL to 200L)

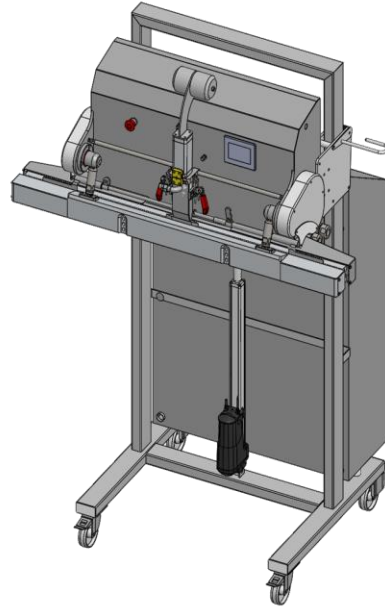




04
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...and of
**Packaging
Machines**

Impulse Sealers



INDUSTRIAL SEALERS

VACUUM
& MODIFIED ATMOSPHERE



Vertical Vacuum Chamber



- ▶ Bags are introduced vertically
- ▶ Complete vacuum (10 mbars, <0,5% of residual oxygen) with or without neutral gas flushing
- ▶ Adapted to bags from 0,5L to 40L
- ▶ Manual or fully automatised depending on target output

Gravimetric Dosing & Filling Solutions



- ▶ High dosing precision and optimisation of cycle time without intervention of the operator

- ▶ THANKS TO OUR PROPRIETARY SOFTWARE BARONDOSE®

- ▶ Multiple benefits for the end-user

- ▶ ASPIRATION OF FINE PARTICLES PREVENTING THE EMISSION OF DUST IN THE PACKING ROOM
 - ▶ EASY DISMANTLING FOR CLEANING
 - ▶ FULL TRACEABILITY AND SAVING OF FILLING PARAMETERS FOR EACH CYCLE



Integrated Packing Lines



► From Filling to Conveying through
Dosing, Weight Control & Sealing



Thank you for your attention



**18 ZI de La Trésorerie, 62126 Wimille
5 Impasse Champin, ZI de l'Abbaye, 38780 Pont-Évêque
ZA de la Maladière, 07300 Saint-Jean-de-Muzols
FRANCE**