



LIQUID PACKAGING

THE BEST END-TO-END SOLUTIONS
FOR YOUR LIQUID PACKAGING
PRINTING & CONVERTING NEEDS


Uteco
JOIN THE FLEX-CONVERTING

Liquid Packaging – Overview

Liquid packaging is a **safe and sustainable solution** to protect your products.



WHAT IT IS

Poly laminated **paperboard long shelf life packaging** for liquid food products, such as milk, juices, wine, eggs and non-food products such as detergent, cosmetics and pharma.



OBJECTIVE

Designed to protect liquid food products from external agents and to achieve the **shelf life up to 12 months** without chilling chain (for aseptic).

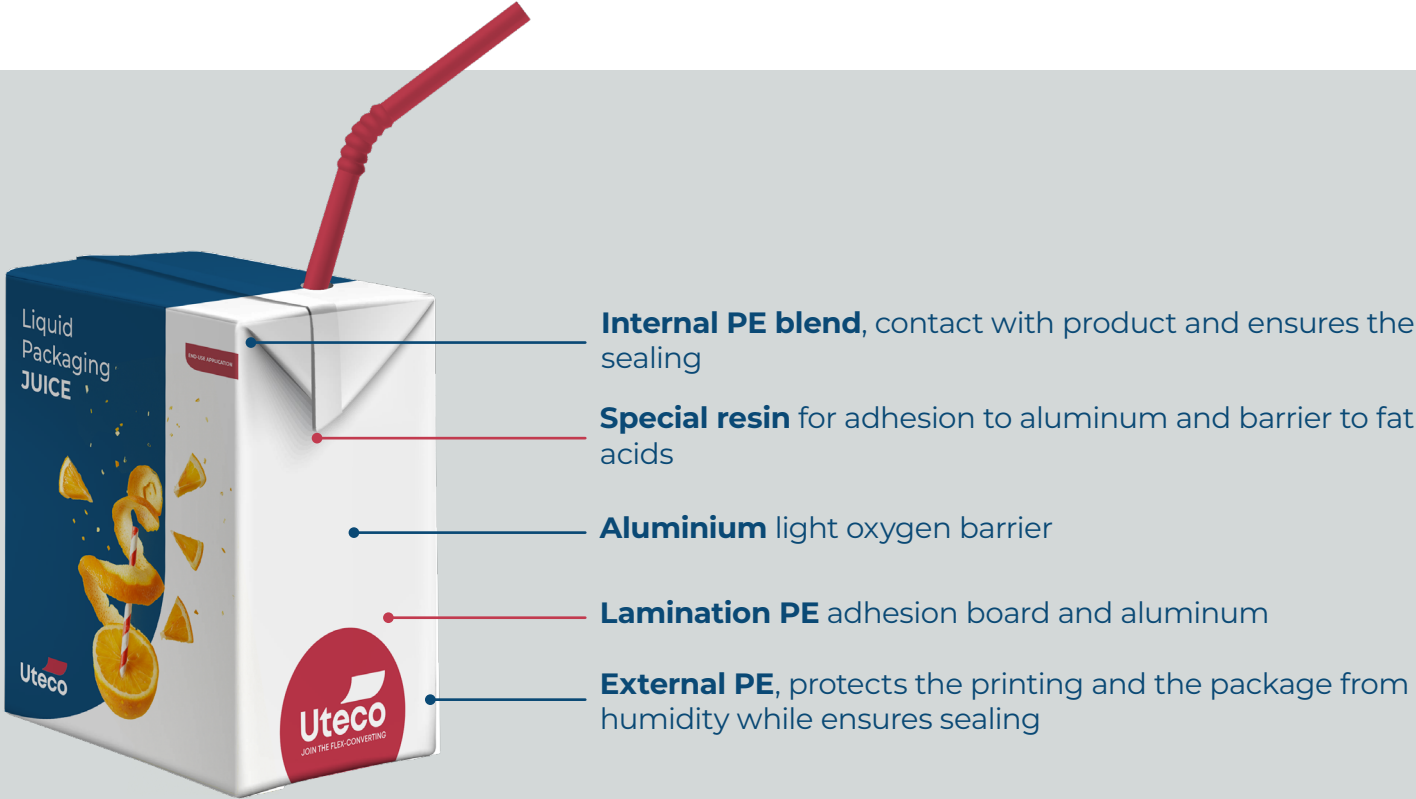


APPLICATIONS

Liquid Packaging applies mainly to **Food and Pharma** end-use applications.

Liquid Packaging – How it is made

Liquid Packaging is a **multi-layer laminated and printed.**



Liquid Packaging – Why Uteco?

Uteco provides **unique end-to-end solutions** for Liquid Packaging Printing & Converting Process.

PROCESS EXPERTISE

Deep **know-how** of the **converting** processes for **liquid packaging** Printing & Extruding such as:

- Reel-to-Reel
- Reel-to-Sheet

INTEGRATED OFFERING

All-in-one unique offering allowing you to have a reliable partner for the manufacturing of **liquid packaging end-use applications**, with deep knowledge for **integrating third parties technologies**:

- Printing
- Extrusion
- Creasing and Punching
- Stacker Converting Equipment



CUSTOMIZED SOLUTIONS

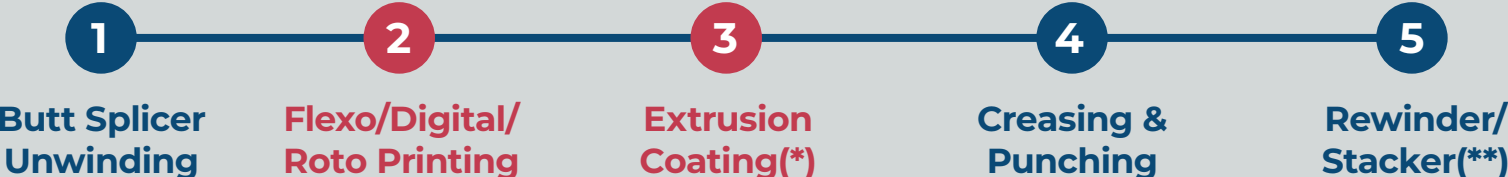
We provide **customized solutions** according to your needs, depending on the end-use applications and your production line setting:

- CI & SIL Flexo Printing
- Digital Printing
- Rotogravure Printing


UV/UV-Led, Solvent or Water Based Inks – mid or wide web applications

Liquid Packaging – Our Integrated Offering

Our Offering covers the **full range** of equipment needed for Printing and Converting Liquid Packaging End-use applications.



 Core Equipment

 Accessory Equipment, also provided by our partners, is fully integrated

(*) In case of Fresh Liquid Packaging, Extrusion Coating is done before printing

(**) Only for Reel-to-Sheet processes



Liquid Packaging – Our Printing Technologies Capabilities

Our unique capabilities for printing on paperboard with our **printing & converting technologies**.

FLEXO PRINTING

CI

SIL

DIGITAL PRINTING

ROTO PRINTING



Water-based inks



Solvent-based inks



UV/UV-Led inks



We have unique capabilities to manufacture hybrid printing machineries, combining different technologies:

- Flexo CI/SIL
- Rotogravure
- Digital

Liquid Packaging – Our Extrusion Coating Technologies Capabilities

Our unique capabilities for **extrusion coating**.



EXTRUSION COATING

**Coating & Laminating
for PE, Paper, Aluminium**



PE



Paper



Alu



Liquid Packaging – Our Flexo Machines for Liquid Packaging

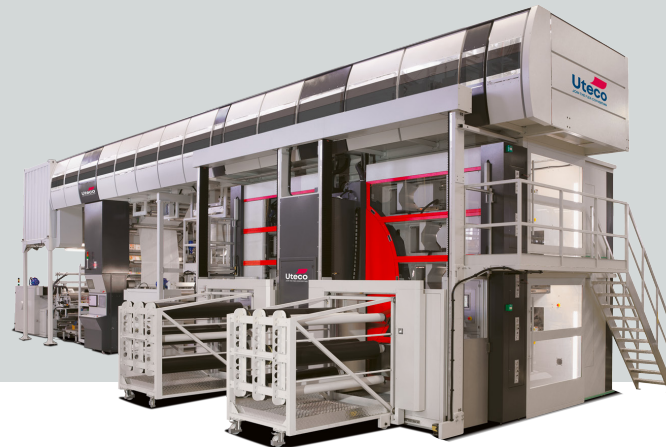
Our portfolio of Flexo **CI** machines for **Liquid Packaging**.



ONYX LQP



CRYSTAL LQP



DIAMOND LQP

Liquid Packaging – Our Flexo Machines for Liquid Packaging

Our portfolio of Flexo **SIL** machines for **Liquid Packaging**.



ONyx SIL LQP



DIAMOND SIL LQP



CRYSTAL SIL LQP



Liquid Packaging – Example from Flexo SIL Installed Machine

The greatest technologies to **print & convert high quality** products.



**Example of our
Crystal SIL LQP**
as top performing
machine to print
and convert fresh
Liquid Packaging
applications.

Liquid Packaging – Example from Extrusion Coating Installed Machine

The greatest technologies for **high quality** extrusion coating.



GAP is our partner supplying top notch **extrusion coating** technologies fully integrated with our converting ones.



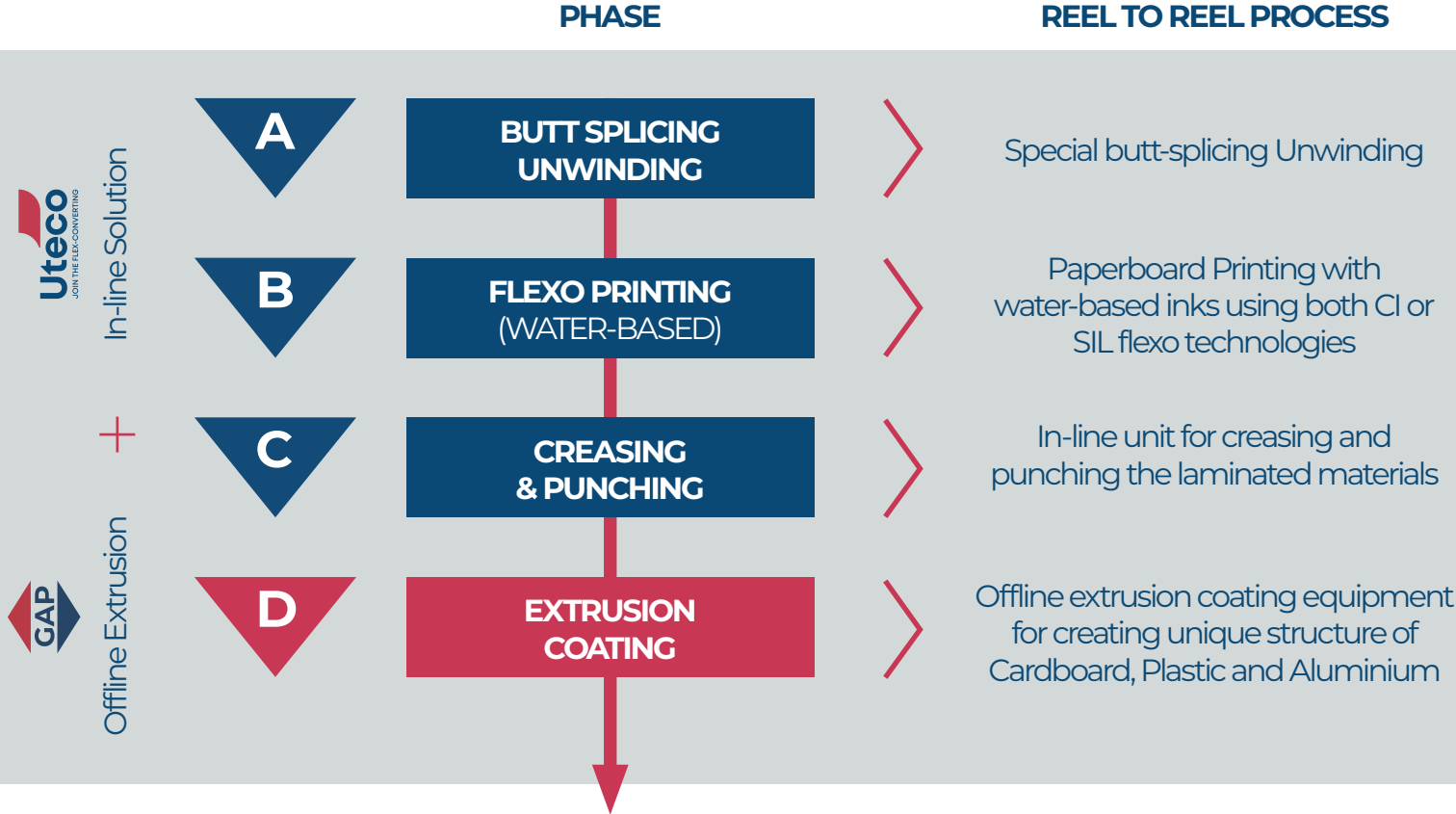
Aseptic Liquid Packaging – Our Process Expertise

Our solution for **Aseptic Liquid Packaging**.



Aseptic Liquid Packaging – Reel-to-Reel Printing & Converting

Our Integrated process **Flexo Printing + Extrusion Coating**.



Fresh Liquid Packaging – Our Process Expertise

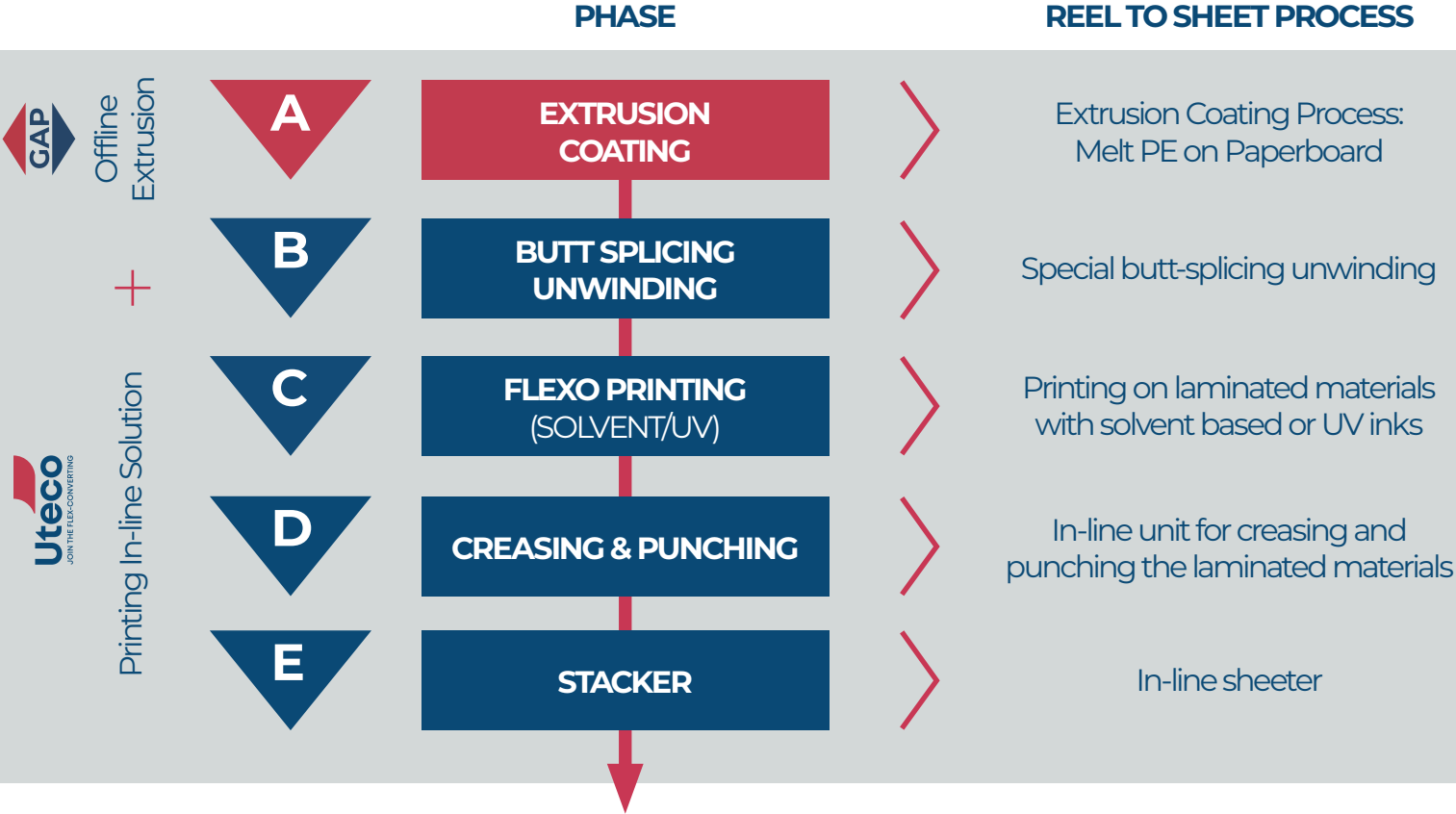
Our solution for **Fresh Liquid Packaging.**

PRE-SEALED GABLE TOP



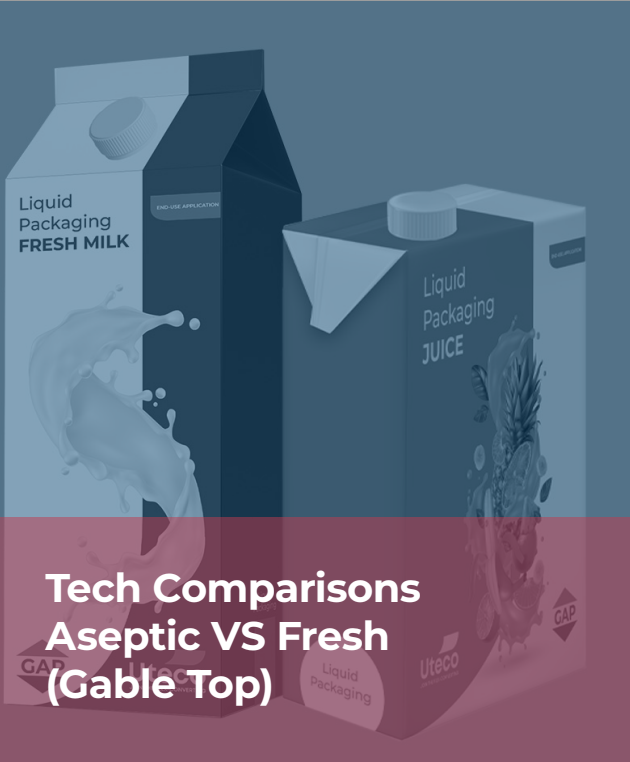
Fresh Liquid Packaging – Reel-to-Sheet Printing & Converting

Our Integrated process **Extrusion Coating on Paper + Flexo Printing.**



Liquid Packaging – Tech Comparisons

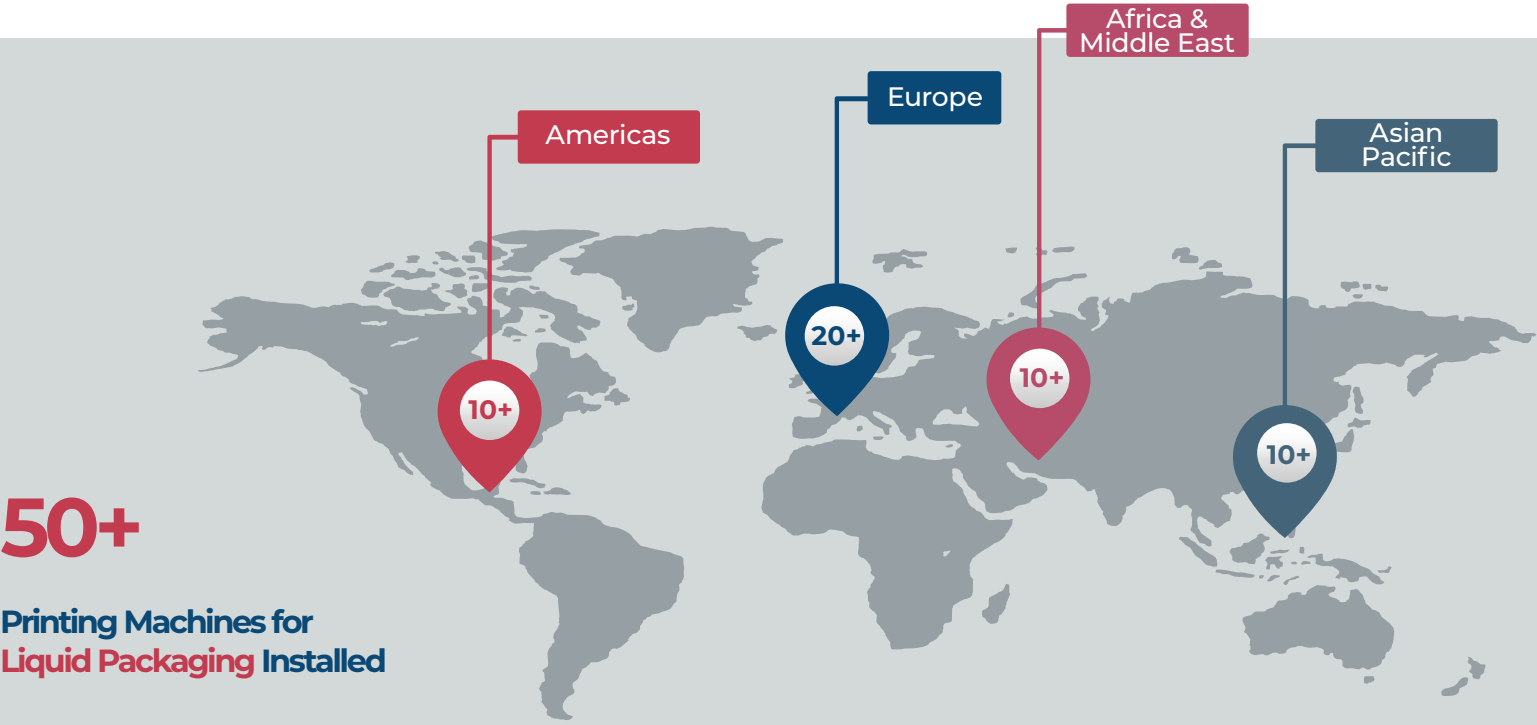
Aseptic & Fresh Liquid Packaging technologies & process comparisons.



Parameter	Aseptic	Fresh (Gable Top)
Process	(1) Printing + (2) Extrusion	(2) Extrusion + (1) Printing
Material width	Up to 1700mm	Up to 1560mm
Output	Reel (Reel-to-Reel Process)	Sheet (Reel-to-Sheet Process)

Liquid Packaging – Worldwide References Geo Map

We have a significant number of installed lines for **Liquid Packaging**.



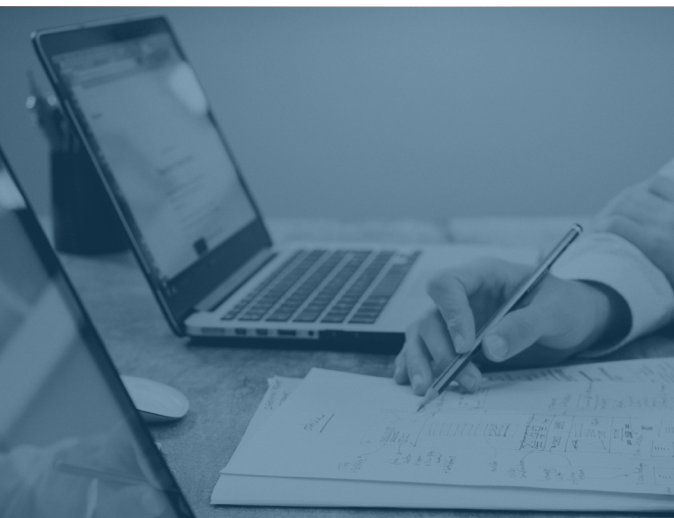
50+

Printing Machines for
Liquid Packaging Installed



Our Consultancy Service

Process and Technologies Integration Expertise.



Our **Consultancy Services** allows our customers to get the best out of their equipment, following the **perfect integration path of all the different technologies** for the best results.

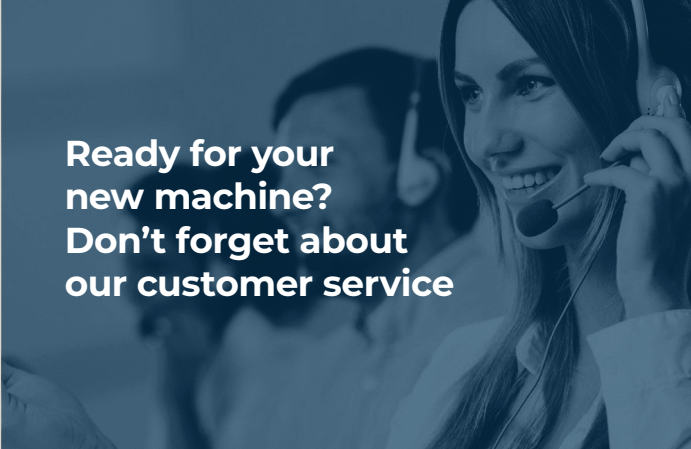


Our Liquid Packaging
Consulting Service

Our Customer Service

Our Customer Service has **everything you need.**

Our expert **Customer Service teams** are **available 24/7** to respond quickly and effectively to requests for maintenance, repairs and operational renovations to machinery and systems, **both on-site and remotely (My Portal).**



**Ready for your
new machine?
Don't forget about
our customer service**

On Field Assistance

We provide complete life-cycle support services and printing processes to ensure maximum performance throughout the entire lifespan of the machine.

Remote Assistance

Thanks to the newest technologies available on the market we guarantee the best real-time support.

Upgrades Service

We provide improvements of the efficiency and performances of your machine's processes, aligning them to the latest technological market trends.

Spare Parts

We have a series of spare parts checked and guaranteed by us.

Equipment

We offer equipment solutions to be added to your specific machine to boost its performance and efficiency.





Uteco Converting SpA

Viale del Lavoro, 25
37030 Colognola ai Colli (VR)
Ph: +39 045 6174555
utecovr@uteco.com
www.uteco.com



Data, features and photos shown are not binding.
Uteco Group reserves the right to make any changes without prior notice.