

Levante

OUR EXTRUSION COATING MACHINE



Our Unique Value

Our **Extrusion Coating Machine Powered by GAP.**

- State-of-the-art **Technology in Converting & Extrusion Market** proven by **Uteco & Gap.**
- **Single Partner** for **end-to-end engineering** and **manufacturing** of **Converting** and **Extrusion solutions.**
- Our extrusion coating & laminating equipment is capable to fulfil the **most challenging flexible packaging and paper & board coating and lamination market requirements.**



Our Extrusion Coating Portfolio

Our **Extrusion Coating Machine** configurations.

LEVANTE - D

This configuration is the best fit for **Flexible Duplex Laminates**.

Other Possible process is **Single Coating** on materials like Paper, Film & Alu.



LEVANTE - T

Tandem Machine for **Flexible Triplex Laminates**.

Other Possible processes are **Duplex Laminates** or **Double Coating**.



LEVANTE - LqP

Triplex Machine specially designed for **Liquid Packaging Applications** (both **Aseptic** and/or **Fresh Liquid Packaging**).



Extrusion Coating Portfolio

Our **Levante - D** for Extrusion Coating and Laminating for **Duplex**.

CORE PROCESS: Extrusion Coating & Laminating for Duplex.

OTHER PROCESS: Single Coating.

Perfect fit for Alu+Film or Paper+Alu Material Structures.

- Max. Speed up to **750 mpm**
- Max. Width up to **2500 mm**



Extrusion Coating Portfolio

Our **Levante - T** for Extrusion Coating and Laminating for **Triplex**.

CORE PROCESS: Extrusion Coating & Laminating for Triplex.

OTHER PROCESSES:

- Extrusion Duplex + Coating
- Extrusion Coating & Laminating for Double Coating.

Perfect fit for Triplex Material Structures (e.g. Paper+Alu+Film).

- Max. Speed up to **750 mpm**
- Max. Width up to **2500 mm**



Extrusion Coating Portfolio

Our **Levante - T** for **LqP** for Extrusion Coating and Laminating for **Liquid Packaging Applications**.

CORE PROCESS: Extrusion Coating & Laminating for **Liquid Packaging Applications**.

Perfect fit for **Liquid Packaging Applications** (both **Aseptic/Fresh**).

- Max. Speed up to **600 mpm**
- Max. Width up to **2500 mm**



Why Levante?

Our **Levante Machine** for extrusion coating has **unique Value Proposition**.

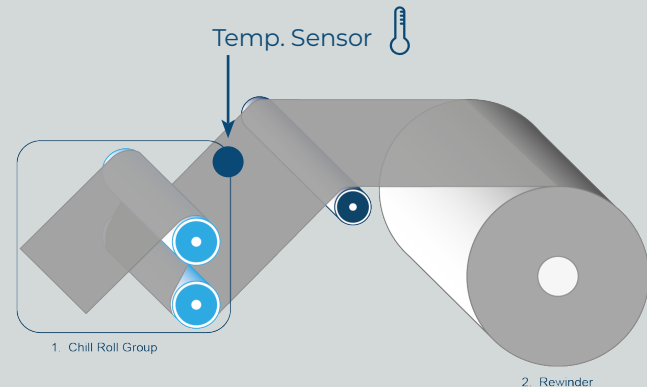


1. High Extrusion Quality - Out-Feed for Laminates Thermoregulation

Out-Feed Chill-Roll ensures **Optimal Thermoregulation** of the outgoing substrate for **Best Laminate Quality**.

Check film temperature before **rewinding** in case of thermoregulation needed to ensure **perfect tensioning during rewinding**.

Especially at **high speeds** it is important to guarantee **constant temperature of the laminate** before rewinding.



**ENSURE LAMINATING
QUALITY**

**THERMOREGULATE THE
LAMINATES BEFORE REWINDING**

1. High Extrusion Quality - Deep Know-How for Screw Design

Deep **Know-How** for high **Quality Screw Design**.

Deep Know-How of Screw Design

- **Ensure Optimal melt temperature at any production speed.**



- **Ensure wide of range Production** (e.g. from 150 kg/h to 800 kg/h).
- **Our screws guarantee consistent mixing performance, maintaining high material quality.**



**Our Special Screw's
Design guarantees
Exceptional
Performances**



2. Highly Productive - Reach New Production Capacity

High Production Capacity for long-runs.



**Fast and Wide
Machine for Massive
Productions**

■ **Max Speed up to 750 mpm.**

■ **Max Width up to 2500 mm.**



**HIGH
PRODUCTION
CAPACITY**

2. Highly Productive - Multi-purpose Trolley

The **Fastest Changeover** in the Extrusion Coating Machine.

- **Multi-purpose Trolley** (Roto/Flexo/Semi-Flexo).
 - **Fast Sleeve Change (<1 min).**
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- **Safe and Easy** for the **Operator** to **Change** the **Sleeve** (toolless).
 - **Minimal effort** for the changeover.



**FAST SLEEVE
CHANGE IN < 1 MIN**

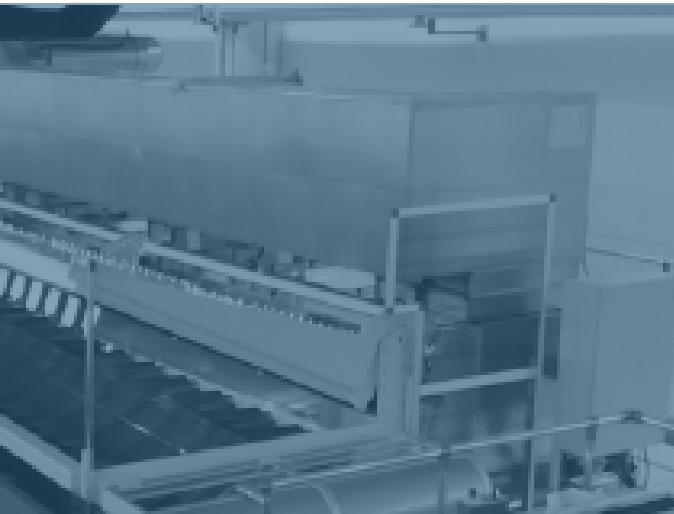


**Easy & Safe to Change
the Sleeve**



2. Highly Productive - Primer Coating Station

Primer Coating Station with Semi-floating Drying Tunnels.



High Productive
Machines with Efficient
Drying Systems

Semi-floating technology: drying the material on both sides.

New Nozzles Design to increase air turbulence and reduce residual solvent.



UP TO **2** DRYING TUNNELS
FOR PRIMER DRYING

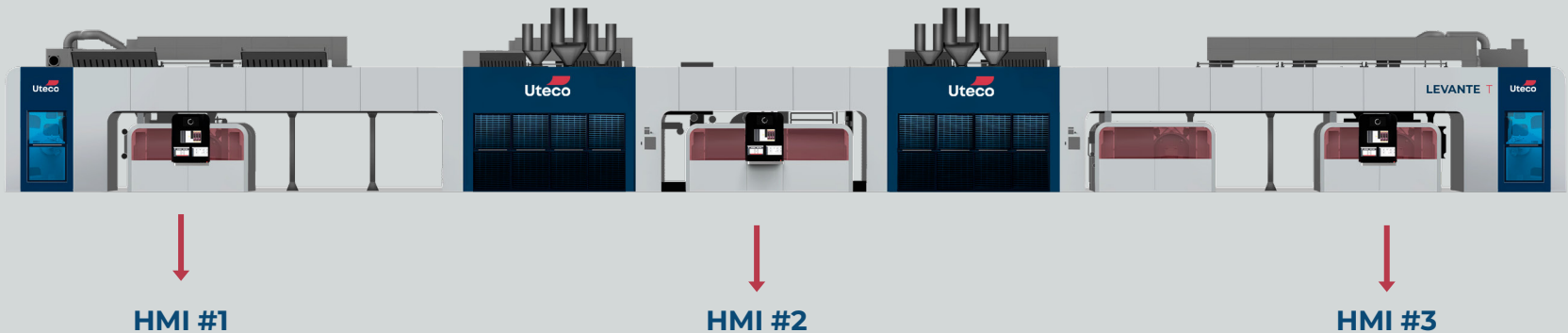


UP TO **9+** METERS
LENGHT

3. Easy and Safe to Operate - Our Innovative HMI

Manage the **film extrusion process**, from **up to 3 different points**.

Manage the machine from **different points with the same software**.



3. Easy and Safe to Operate - Face-to-Face Solution

Our Face-to-Face Solution for most compactness.

Why Face-to-Face?

- **Proximity to the second extrusion point.**
- **No material passage underground** (better for food-compliance).
- **Better temperature** control before rewinding.

FACE-TO-FACE SOLUTION



3. Easy and Safe to Operate - Fully enclosed cabins

Fully enclosed cabins for safe operations.

Two full enclosures to guarantee **full safety of operator from solvents fume.**

Both enclosures are equipped with the exhaust fan (VOC control) and LEL Control:

- Enclosure for **mixing unit and tank**
- Enclosure for **coating unit**

Safer Environment for the operator and controlled **solvent free atmosphere.**



**SOLVENT FREE
ENVIRONMENT**



3. Easy and Safe to Operate - Extruder Carriage

Easy and Safe to Operate **Extruder Carriage**.



**Ergonomic Extruder
Carriage with
enough space**

Extruder supporting carriages are designed to **accommodate one or more extruders on the upper platform** while providing a **safe and operators friendly working area**.

- Allow the **operator to move safely**.
- Fully **accessible**.
- Enough space around the extruders to **make zig-zag movements**.



**FULLY ACCESSIBLE
CARRIAGE**

4. Sustainability Oriented - Solvent Free

Solvent Free Environment.

Our System for 100% Fume Recovery

- **Solvent Free Cabins:** Uteco System guarantees full extraction of Solvents Fumes from the cabins where operators work.
- **Air Recirculation** with **LEL control**.



**100% FUME
RECOVERY**



100% Fumes Recovery



4. Sustainability Oriented - Energy Saving

Energy saving Air Recirculation System.



Maximum efficiency
with Air Recirculation
System

Our **Air Recirculation System** is integrated in the tunnel and allows to **reduce the ventilation noise** and **increases efficiency**.

Our Automatic System allows the operator to **calibrate** and adjust the **air temperature** according to the type of film.

- **Heat Energy Recovery**
- **Noise Reduction**



**REDUCED NOISE
LEVEL**

5. Highly knowledge of Production process & applications

In-depth **knowledge of production process** and **applications**.

LEVANTE LqP - Unique Benefits

- Precise **Melt Temperature Monitoring** at any production speed;
- Use of **First-Class Extrusion Dies** providing **mono or co-extrusion arrangements** for multi-layer structures;
- Special **Chill-Roll executions for best cooling performances** and **constant surface temperature control over production time**;
- High performing **drying system** for primer to achieve **highest material adhesion**;
- Special flame or **ozone treatments** for **high performance productions**;
- Shafted or Shaftless unwind and winder, single or double direction turrets design with **automatic splicing**.



Key Features

Our Special **Add-On Equipment**



**Our Add-On
Equipment**

- **CORONA TREATMENT**
- **FLAME TREATMENT**
- **SLITTING IN LINE**
- **THICKNESS CONTROL**
- **OZONE DISCHARGE ON THE MELT**
- **CREASING & PUNCHING DEVICES**
- **WEB INSPECTION IN LINE**
- **IN LINE MANAGEMENT DATA ACQUISITION**
- **INDUSTRY 4.0 COMPLIANT**

Technical Specifications Machine

Parameter	Unit of Measurement	Value
Max. Material Width	[mm]	2500
Max. Working Speed	[mpm]	750
Max. Extruder Diameter	[mm]	160
Max. Chill Roll Diameter	[mm]	1100



**Levante
Technical
Specifications**



Robustness for Value Over Time

Our **Best Value** yet: **Robustness**.



At Uteco, we understand the importance of investing in machinery that not only delivers cutting-edge technology and design but also **stands the test of time** thanks to its **robust build**. Our machines are meticulously crafted in Italy, blending exquisite aesthetics with the latest advancements in technology. With an average of 15 years, **our machines ensure the longest lifespan in the market.**

We take pride in providing our customers with beautifully designed, technologically advanced machines that **provide optimal operation for an extended period of time.**

Robustness for Value Over Time

What does **Robust** mean for **Uteco**?



Unmatched Durability

With an average lifespan of 15 years, **Uteco machines are solidly built to withstand the test of time**, delivering **exceptional performance** and **consistent results** year after year.



Timeless Innovation

Uteco machines embody the perfect fusion of European technology and enduring design, resulting in **robust machines that remain relevant and reliable for longer and longer periods of time**.



Optimal Operation

Uteco empowers businesses to operate at their full potential by providing machines that **optimize production efficiency, reduce downtime, and enhance overall profitability**.




Sustainable Investments

By choosing Uteco, companies make a **sustainable investment** and **reduce the total cost of ownership**, lowering the probability of non-planned interventions and maximizing their return on investment.



Our Company

Printing and Converting: All Round **High Tech Innovation.**




We provide innovative and flexible solutions from a wide range of **flexographic, rotogravure, digital printing, laminating and coating machines** and a corollary of comprehensive training and support services.

We develop **special and customized configurations** of high technological value, with an ongoing commitment to research and **innovation, organizational flexibility, engineering capabilities for final solutions**, optimization of production processes, and a fast and efficient worldwide service network.

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



Find out more!

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.**





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