

Coating&Laminating

RANGE

Coating&Laminating

Study and research on **new technologies** is widely applied to our range of **laminating** and **coating machines**.



These machines are the result of a total synergy between our **engineering expertise** and our **technological systems**, which have already been extensively proven in other fields.

We offer various laminating and coating machines intended for the production of **food packaging**, products for **pharmaceuticals, construction**, such as **roofing substrate, aluminum-paper laminates** for the inside of cigarette packs, and to the production of **adhesive tape**, adhesive labels. These are machines that can work on different substrates such as film, paper, aluminum, cardboard, PVC.

Coating&Laminating



All of our laminating machines feature an integrated solvent and solventless or **water-based** multi-process coating and laminating system. They have a **highly flexible** design that can be customized by choosing from optional **innovative** equipment and technologies.



Reduce your
Operating Costs



Our Laminating&Coating machines



Our Laminating&Coating machines



HORIZON 4.0



HORIZON 4.0 TRIPLEX



DUALAM



Mistral

The modern, compact laminating machine with **multiple coating processes**.

Multi-Process System, modern and compact

Mistral is the **latest coating/laminating Uteco machine**, with brand new technological solutions, **suitable for working** with all kind of materials: pe, pp, opp, bopp/met, pet, al-foil, paper, pvc, nylon.

Mistral is provided with **two individual coating units**, the first for the solventless adhesives and the second for water and solvent based adhesives, allowing to shorten the job changes times.



Machine Design and Tech Overview

Mistral Technical Specifications



Parameter	Unit of Measure	Value
Max/Min material width	[mm]	750 ÷ 1450
Max coating width	[mm]	1400
Min coating width	[mm]	700
Max coating speed	[m/min]	500
Unwin./rewin. max diameter	[mm]	1000
Unwinder tension	[daN]	2 ÷ 40
Rewinder tension	[daN]	4 ÷ 50
Max reels weight	[kg]	1500
L x H x P	[m]	13,8x3,7x6,1



Mistral MV

The **matt-gloss** in-register coating and solventless adhesive laminating machine: **two integrated processes** in one machine with time and cost savings.

Two processes integrated, flexo-solventless

The Mistral MV is optimise to printing **matte varnish** in register and solventless lamination. The main advantage is that in one machine the converter has the integration of **two processes** are integrated, with a big impact in the efficiency and cost saving, with and a **very fast pay-back time**.



Machine Design and Tech Overview

Mistral MV Technical Specifications



Parameter	Unit of Measure	Value
Max/Min material width	[mm]	1050 ÷ 1450
Max coating width	[mm]	1400
Min coating width	[mm]	700
Max coating speed	[m/min]	500
Unwin./rewin. max diameter	[mm]	1000
Unwinder tension	[daN]	2 ÷ 40
Rewinder tension	[daN]	4 ÷ 50
Max reels weight	[kg]	1500
L x H x P	[m]	14,5x4,47x5,86



Rainbow EVO

Uteco's laminating machine with **automatic reel changes suitable** for all runs of solventless laminates intended for **food packaging**.

Environment friendly and compact coating technology

Rainbow EVO is perfect for **short and long runs** in solvent-less lamination.

All materials suitable for **food packaging** can be used on the machine thanks to the **web tension control**.

Full automation allows to save time and **decrease the production costs**.

Thanks to an accurate and **ultra-ergonomic design printing** on a Rainbow Evo is now safer than ever.



Machine Design and Tech Overview

Rainbow EVO Technical Specifications



Parameter	Unit of Measure	Value
Max/Min material width	[mm]	750 ÷ 1450
Max coating width	[mm]	1400
Min coating width	[mm]	700
Max coating speed	[m/min]	500
Unwin./rewin. max diameter	[mm]	1000
Unwinder tension	[daN]	2 ÷ 40
Rewinder tension	[daN]	4 ÷ 50
Max reels weight	[kg]	1500
L x H x P	[m]	13,8x3,7x6,1



Rainbow 4.0

The ideal Uteco machine for **short and medium runs** of solventless laminates using all materials found in food packaging.

| The ability to be “At the top”

Rainbow 4.0 is perfect for short and long runs in solvent-less lamination with laser die cutting. All materials suitable for food packaging can be used on the machine thanks to the web tension control. Its configuration, featuring two extremely compact columns, makes this machine unique by allowing an easy and safe access to all key points of the process. Its installation and start-up are performed in very short times thanks to its design which allows to move the machine without disassembly.



Machine Design and Tech Overview

Rainbow 4.0 Technical Specifications



Parameter	Unit of Measure	Value
Max/Min material width	[mm]	1050 ÷ 1450
Max coating width	[mm]	1000 ÷ 1400
Min coating width	[mm]	500 ÷ 700
Max coating speed	[m/min]	500
Unwin./rewin. max diameter	[mm]	1000
Web tension	[daN]	3 ÷ 38
Unwinder core	[daN]	76 ÷ 152
Max reels weight	[kg]	1500
L x H x P	[m]	6,25x2,8x2,7



Horizon 4.0 DUPLEX

The laminating and coating machine for **making two-layer laminates** with a highly flexible configuration to the different needs of converters.

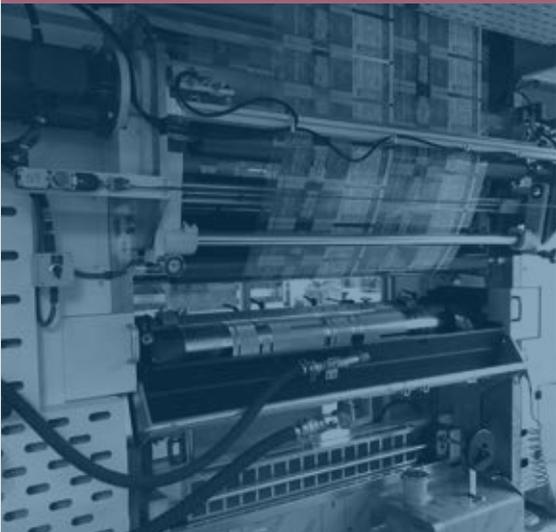
Taylor-made coating and laminating technology.

Combi laminating machine that meets the demands of technical flexibility concerning the new packaging films technologies. The machine is predisposed for duplex-triplex lamination with different type of coating technologies, such as, rotogravure, indirect gravure, flexo and semiflexo, and it is specifically designed for the production of multilayer laminates wet and dry lamination technologies.



Machine Design and Tech Overview

Horizon 4.0 DUPLEX Technical Specifications



Parameter	Unit of Measure	Value
Max/Min material width	[mm]	750 ÷ 1550
Max coating width	[mm]	1530
Min coating width	[mm]	750
Max coating speed	[m/min]	500
Unwin./rewin. max diameter	[mm]	1200
Unwinder tension	[daN]	2 ÷ 40
Rewinder tension	[daN]	4 ÷ 50
Max reels weight	[kg]	1500
L x H x P	[m]	17,3x5,25x6,65



Horizon 4.0 TRIPLEX

The laminating and coating machine for **making three-layer laminates** with a highly flexible configuration to the different needs of converters.

A multi-technology and high performing laminator for three-layer laminated structures

The machine runs up to 450 m/min guaranteeing massive non-stop productions of laminated structures. Job Changeovers are fast thanks to automated equipment.

The Machine can perform different lamination processes: wet, dry and solventless for duplex and triplex material structures. Moreover, it work as a combination of coater and laminator.



Machine Design and Tech Overview

Horizon 4.0 TRIPLEX Technical Specifications



Parameter	Unit of Measure	Value
Min/Max Material Width	[mm]	750 ÷ 1450
Max coating width	[mm]	1420
Min coating width	[mm]	724
Max coating speed	[m/min]	450
Unwin./rewin. max diameter	[mm]	1020
Film Tension	[daN]	20 ÷ 550
Max Reel Weight	[Kg]	1000
L x H x P	[m]	36 x 5 x 7



Dualam

DuaLam Laminator has the **most Innovative Process** for Solventless Laminating which allows fastest Curing Time in the Market

Innovation leading system for completely solvent-free coating and laminating

An alternative to classical coating and laminating machines: ecological, efficient, and highly capable of bi-component applications (NCO and OH) using two independent coating heads, of which, one is solventless and the other is a semi-flexo, allowing for extremely high precision control of the mixing processes of the adhesive applied throughout the entirety of the production.



Machine Design and Tech Overview

Dualam Technical Specifications



Parameter	Unit of Measure	Value
Min/Max Material Width	[mm]	750 ÷ 1550
Max coating width	[mm]	700 ÷ 1500
Min coating width	[mm]	730
Max coating speed	[m/min]	500
Unwin./rewin. max diameter	[mm]	1000
Film Tension	[daN]	3 ÷ 40
Max Reel Weight	[Kg]	1500
Min/Max material width	[mm]	750 ÷ 1550



Company

Uteco **designers' experience** serving specialty machines



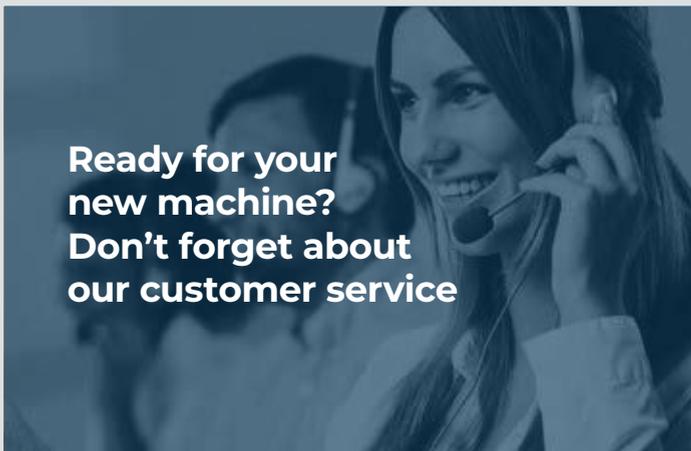
We provide innovative and flexible solutions from a wide range of flexographic, gravure, digital printing, and laminating and coating machines, and a corollary of comprehensive training and support services.

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.

Uteco's 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 onsite and remotely.**



Get assistance quickly through our User Portal

It's easy to communicate directly with our operators in get assigned both priority and specific assistance from the relevant department.

Remote services

Thank to the newest technologies available on the market we guarantee the best real-time support, even when conducted remotely.

Field Support

We provide complete life-cycle support services and printing processes to ensure maximum performance throughout the entire lifespan of the machine.
No External Pre-Mixing of Agents

Machine Inspection

Would you like to boost your machine's profitability, as well as ensuring the highest quality in production? Ask us for a Machine Inspection.



JOIN THE FLEX-CONVERTING





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