



OnyxGO

THE BEST CI FLEXO FOR SHORT RUNS

Uteco
JOIN THE FLEX-CONVERTING

OnyxGO

The **Best Flexo CI Press** for Short Runs, **EVER!**



Why OnyxGO?

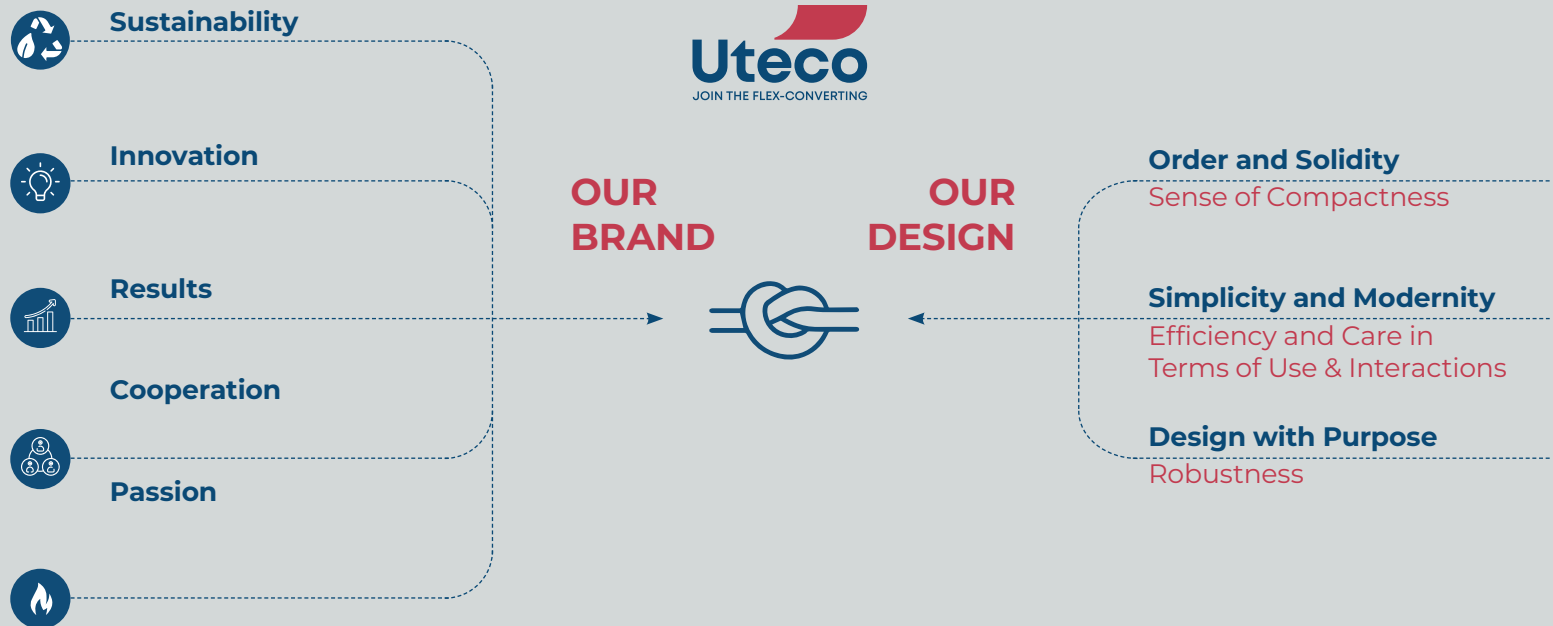
ONYXGO

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- 1 The Greatest **Industrial Design**
 - 2 The Most **Productive**
 - 3 The Most **Sustainable - ACTIVE PACK**
 - 4 The Most **Compact**
 - 5 The Most **Robust**
 - 6 The Most **Versatile**
 - 7 The **Easiest** and **Safest** to Operate



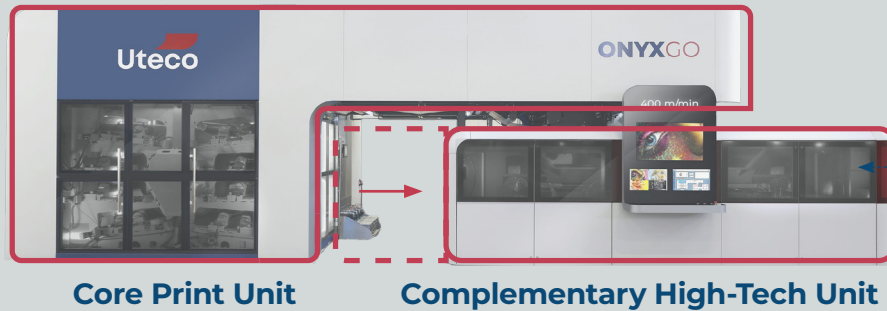
1. The Greatest Industrial Design

The **strong bond** between **brand values** and **industrial design** creates and enhances the perception of **Uteco's brand** and its values.



1. Order and Solidity, Simplicity and Modernity

Overall shape obtained by **a disruption** of a **unique solid block**.



The separation generates **coherency between** the two **complementary shapes**

All parts enclosed in a simple and **unified volume** and **unique macro and solid shape**



ICONIC DISTINCTIVE SHAPE



TIMELESS DESIGN



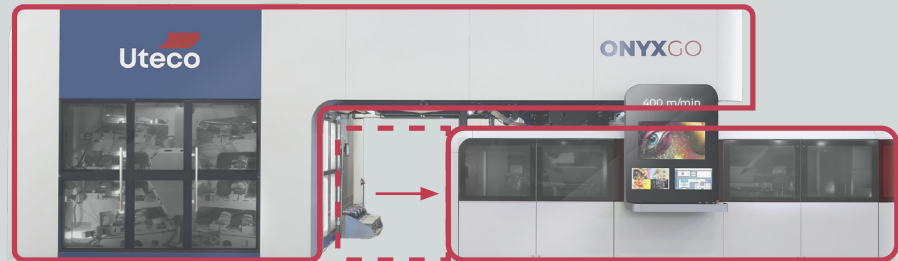
1. Design with Purpose

Designed according to **principles** that are **functional** to the greatest productivity.

DESIGN WITH PURPOSE, PERFORMANCES DRIVEN

Our **modus operandi** is strictly connected to great **printing performances**.

The hub of Uteco's printing technology deserves a special role in the design system.




**DESIGN AS SEAL OF QUALITY
ON THE PERFORMANCE
DELIVERED**


ROBUSTNESS

1. Performance Driven Design

operator design ergonomic



2. The Most Productive

The **Fastest** Printing **Speed** in the Short Runs Flexo Segment, **Ever!**



Printing up to
50 M sqm / year

Max Speed **400 mpm**

Max Print Width **1320mm**

(3 versions: 820mm-1020mm-1320mm)



**BEST FOR ULTRA SHORT
AND SHORT RUNS**

2. The Most Productive

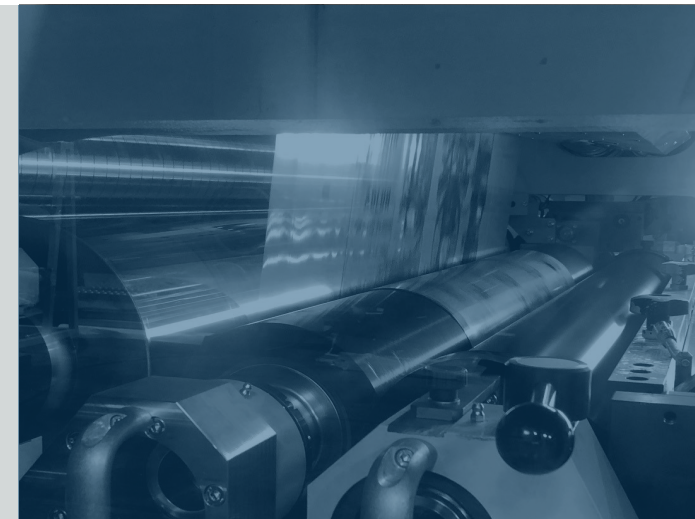
The **Fastest Changeover** in the Short Run Flexo Segment, **Ever!**

< 3 Min for Printing Pressures and Register Setup^(*)

Up to 50% Faster Setup Process^(*)



**UP TO 1,8M€ HIGHER REVENUE /
YEAR OF EXTRA PRODUCTION^(*)**



**Gain Up to 240 Extra
Hours of Production/year**

^(*) Compared to Competitor Solutions in the same flexo segment



2. The Most Productive

The **Fastest Changeover** in the Short Run Flexo Segment, **Ever!**



Recognition of the 3D
Cliché's Characteristics

Our automatic system for cliché's 3D characteristics recognition

- The **printing setup** info are **transmitted** to other machine **components** such as the drying and inking systems
- **Fast setup** of any printing job type
- **Repeatability** over different jobs



ACTIVE START FOR
PRINTING PLATES RECOGNITION

2. The Most Productive

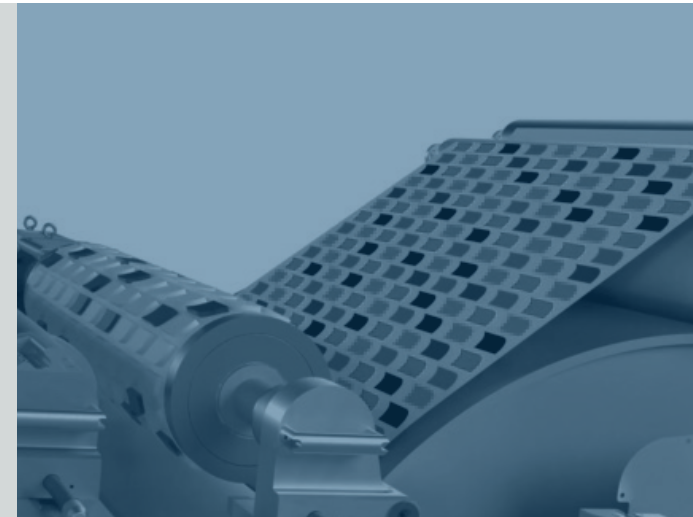
The **Fastest Changeover** in the Short Run Flexo Segment, **Ever!**

Our automatic system for printing pressure and register setting

- **Automatic adjustment of printing pressure** among the cylinder, cliché and substrate
- **Printing register** is almost **instantaneous**
- Null or limited maintenance required since fully **software based**
- **Repeatable performances** over time



**ACTIVE START FOR PRESSURE
AND REGISTER SETTING**



**Automatic Setting of
Printing Pressure and
Register**



3. The Most Sustainable - Our New Active Pack

Active Pack allows to equip our new flexo CI press **Onyx Go** with top-notch technologies for **sustainability**.



ONYXGO

ACTIVE PACK

Active Start

Active Dry®

Active Ink



3. The Most Sustainable - Our New Active Pack

With **Active Pack** your new machine is **for free!**

Active Pack enables saving up to **100k€** each year on energy and material consumption. Actively have **your machine repay for itself with time.**

Our Active Pack techs are unique in the flexographic industry for **energy saving** and **consumable material saving**, making Onyx Go the **most sustainable** CI flexo press for short runs.



ACTIVE PACK



Save up to 100k€ per year with Active Pack



3. The Most Sustainable - Active Pack: Our New Active Start

The **Lowest Material Waste** in the Short Run Flexo Segment, **Ever!**



ACTIVE PACK

Active Start

Active Dry®

Active Ink

Up to 200 km/year
of material saved

Just 8m Material Wastes During Setup Phase

Thanks to the Automatic Printing Pressure and instantaneous Register Setting System is possible to minimize the wasted material at each print run.

< 3 Min for Printing Pressures and Register Setup



ACTIVE START
SAVE UP TO 35 K€/YEAR OF
WASTED MATERIAL



3. The Most Sustainable - Active Pack: Our New Active Dry®

The **Most Sustainable** Drying System, **Ever!**

New patented Smart&Intelligence System to optimize **Energy Consumption** on Drying System

- **Drying power** is **regulated** according to the printing characteristics: use only the drying power needed for each printing unit
- **Ventilation system** guarantees **perfect insulation** of environment for the operator



ACTIVE PACK

Active Start

Active Dry®

Active Ink

Save Up to 50% / Year of Energy Consumption (*)

(*) Vs comparable flexo press on the market without our New Patented Smart Drying System



3. The Most Sustainable - Active Pack: Our new Active Ink

The **Most Sustainable** Inking System, **Ever!**

ACTIVE PACK

Active Start
Active Dry®
Active Ink

Save Up to 60% / Year of
Energy Consumption (*)

Smart ink dosing given the printing characteristics detected on the cliché

- Pump always the **optimized quantity** of **ink** needed to each printing unit
- **Optimized positioning** on the side of the CI drum allows less ink into the circuits



ACTIVE INK



(*) Vs Comparable flexo press on the market without Active Ink

3. The Most Sustainable - Our New Sprint Wash

The **Most Sustainable** Washing System, **Ever!**

Constant Washing Performance on all the printing units, regardless of their position

- **Fast:** complete washing cycles completed in **<3 Minutes**
- **Efficient:** new positioning and more compact piping that guarantee **solvents' consumption saving**



SPRINT WASH



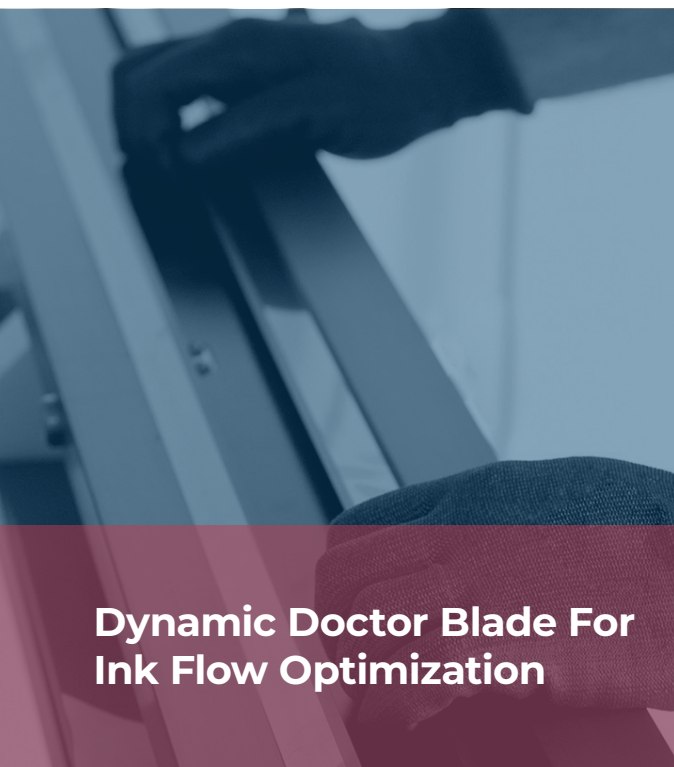
Save Up To 40% / Year Of Solvent Consumption (*)

(*) Vs Comparable flexo press on the market without Sprint Wash



3. The Most Sustainable - Our New Dynamic Doctoring®

Extremely Lighter Doctor Blade that Optimizes the Ink Flow.



**Dynamic Doctor Blade For
Ink Flow Optimization**

Dynamic Ink flow Regulation

- **Automatic regulation of inks flow** by means of dynamic dumpers placed on the sides of the Doctor Blade opening/closing the ink flow
- **Optimized inking system pressures**, for greatest printing quality
- Extremely **light** Doctor Blade: less than 10Kg
- **Reduced blades wear** and consumption



DYNAMIC DOCTORING®



4. The Most Compact Flexo CI Press

The **Most Compact** Flexo CI Press, **Ever!**

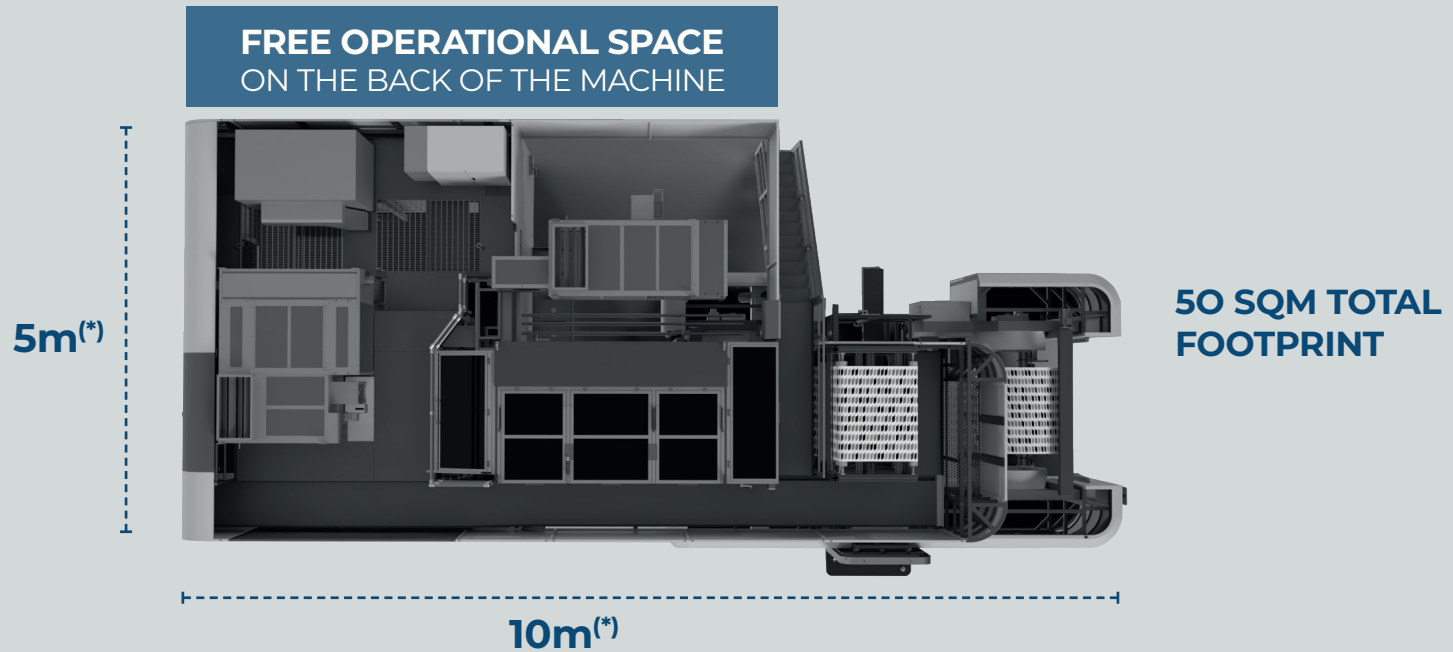


(*) Figures refer to machine smallest configuration



4. The Most Compact Flexo CI Press

Onyx Go Minimizes The Off-Press Operating Space.



(*) Figures refer to machine smallest configuration

5. The Most Robust CI Flexo Press – Our BounceVoid Technology

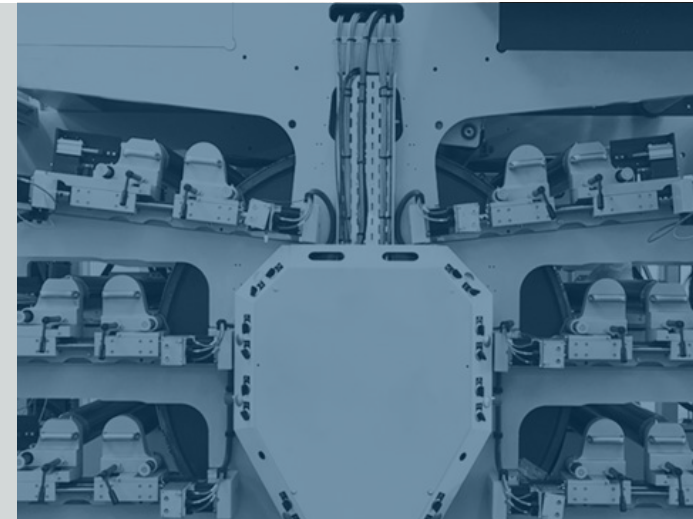
The **Most Advanced Technology** to Eliminate the Bounce Effect, **Ever!**

New and **innovative geometry** of the **printing deck frame**, reinforced on the points more subjected to mechanical stress, reducing bouncing and vibrations effects.

- Highest quality printing at 400 mpm



**BOUNCEVOID
TECHNOLOGY**

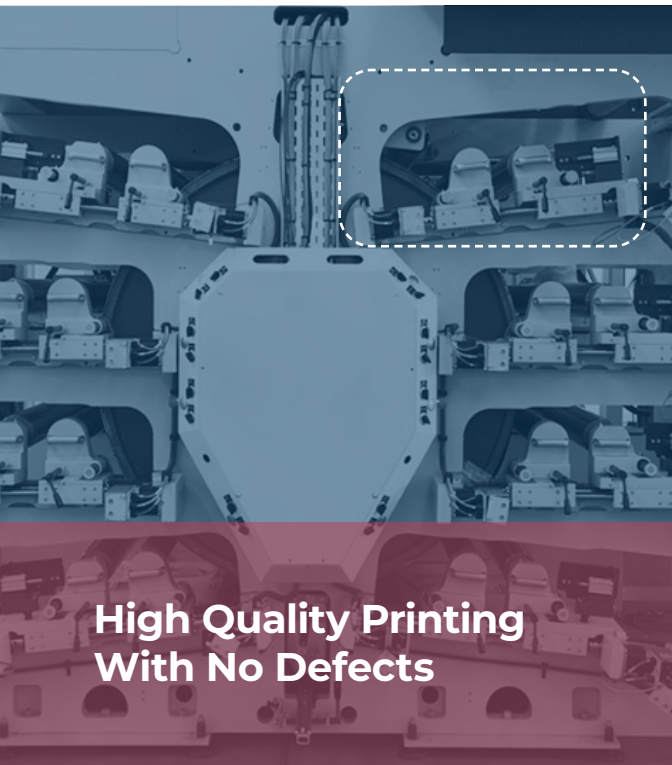


**BounceVoid Allows Great
Machine Robustness For
High Quality Printing At
400 Mpm**



5. The Most Robust CI Flexo Press – Our BounceVoid Technology

The **Most Advanced Technology** to Eliminate the Bounce Effect, **Ever!**



Our **new frame** is **reinforced** in correspondence of each plate cylinder with higher thickness and innovative geometries to guarantee maximum **robustness**:

- **New frame geometry** has been designed to counter-balance the bouncing effect (the frame absorbs the bouncing of the plate cylinder)
- **Print at high speed** for high productivity
- **Vibrations** are **absorbed** even at high speed (e.g. 400 mpm)



**BOUNCEVOID
TECHNOLOGY**

6. The Most Versatile CI Flexo Press

The **Most Versatile** Press in the market.

THE MOST VERSATILE PRESS



MULTI-INDUSTRY

- ✓ Food (incl. pet)
- ✓ Beverages
- ✓ Pharma
- ✓ Healthcare
- ✓ Personal Care
- ✓ Home & Office
- ✓ Industrial
- ✓ Breathable



MULTI-MATERIAL

- ✓ Plastic Films
- ✓ Aluminium
- ✓ Paper
- ✓ Cardboards
- ✓ Laminates







MULTI-INK

- ✓ Water-based
- ✓ Solvent-based



6. The Most Versatile CI Flexo Press

4 Kits Configurations For The **Widest End-use Applications.**

KIT TYPE		PURPOSE
 KIT Water-Based	>	Water-based printing inks entail special requirements, for example: stainless steel, pH control, anti-foam.
 KIT Heavy Duties	>	Manage properly heavy materials such as Cardboard or Paper which requires special tensioning and web threading mechanism.
 KIT Tropicalization	>	Productions sites located in warm areas need extra carefulness on the cooling systems and treatment of substrates, especially if the latter are very extensible.
 KIT Aluminium	>	Productions using Aluminium substrate.

7. The Easiest and Safest to Operate - Our New Dynamic Cockpit

Most Ergonomic Ever

Adaptive Cockpit can be regulated according to the operators' heights for maximum ergonomics

- **High Tech HMI** optimizes the interaction with the operators
- It is connected with external systems for **real-time data monitoring and processing**



DYNAMIC COCKPIT



Adaptive Cockpit for The Greatest Ergonomics

7. The Easiest and Safest to Operate - Our New Dynamic Drying Box

The **Most Ergonomic** And Functional Drying Box, **Ever!**



Fully Removable and
Upgradable Drying Box

Fully Removable Drying Box (Toolless)

- The operator can easily remove the drying box with a single move.
This allows **direct access** to the **Central Drum** which becomes easier to clean and maintain
- **Replaceable nozzles: the operator can easily** replace the drying box nozzles with different shapes
- **Enhance the drying power** when needed



DYNAMIC DRYING BOX



7. The Easiest and Safest to Operate - Our New Dynamic Lift

The **Most Ergonomic** access to the upper color units, **Ever!**

2 **Integrated lifts** within the CI Unit, positioned in correspondence of the first and last color units

- **Safer** and **easier** operations: the operator can easily reach the higher color units in complete safety
- No need for extra equipment or ladders



DYNAMIC LIFT



**The Easiest and Safest
Way to Reach all Color
Units**



7. The Easiest and Safest to Operate – Sprint Splash Guards

The **Easiest** Attaching and Detaching System For **Magnetic Splash Guards, Ever!**



The New Magnetic Splash Guards Designed for Easy Removal

Easier and safer for the operator to **substitute the Splash guards** for washing and maintenance purposes

Toolless substitution since equipped with **magnetic system** for attaching and detaching



SPRINT SPLASH GUARDS



7. The Easiest and Safest to Operate – Fully Accessible Catwalk

Most Accessible Ever

The Operator can easily access the **upper part** of the **machine** by means of a catwalk, extended to the total length of the machine.

- **Easier** and **safer** web monitoring of the **print result**
- **Easier access** to CI drum and drying system for **cleaning** and **maintenance**
- One **fixed ladder** is positioned on the rewinder rear side



Easier Access for
Maintenance and
Cleaning



7. The Easiest and Safest to Operate – Noiseless Design

The **Innovative Machine Casing** is Designed to **Contain Noises**.



■ The selected materials are the most performing for noise and vibration reductions.

- **The resulting noise level is <80dB:** similar to the best vacuum cleaner in the market
- **Combine more machines** in the same production site due to lower noise
- **Healthier work environment** for the operator – especially for long hours shifts



REDUCED NOISE
LEVEL



Technical Specifications

Parameter	Unit of Measurement	Value
Printing width	mm	820 - 1020 - 1320
Min/Max print repeat	mm	260 ÷ 760
Max speed	mpm	400
Color Units	-	8/10
Material tension	daN	2 ÷ 40
Inks	-	Water - Solvent - UV/EB
L x H x W	m	10 x 4 x 5



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 Italian craftsmanship, advanced 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 and **reduce the total cost of ownership**, lowering the probability of non-planned interventions and maximizing their return on investment.



Up to

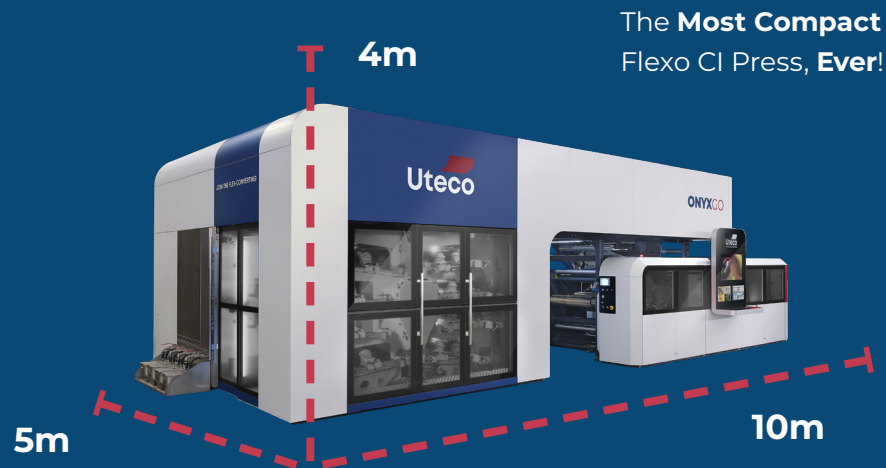
400

mpm max
speed.

Just

8m

material waste
during job start-up.



Designed according to
principles that are **functional** to
the greatest productivity.

The **Most Sustainable** in the Short
Run Flexo Segment, **EVER!**

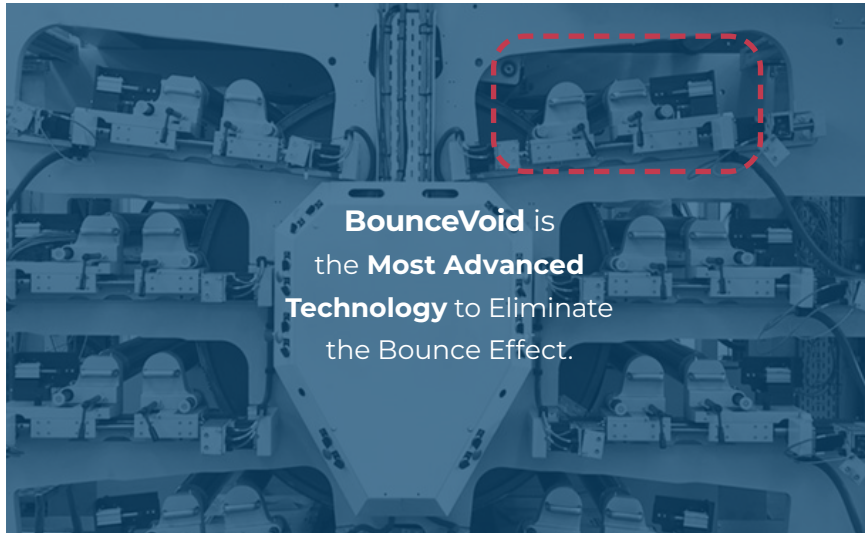
ACTIVE PACK

Active Start

Active Dry®

Active Ink

Save up to
100K€/Year
in Energy and Material
Consumption Costs



BounceVoid is
the **Most Advanced
Technology** to Eliminate
the Bounce Effect.



ROBUSTNESS FOR
VALUE OVER TIME


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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.**



JOIN THE FLEX-CONVERTING





Release Date:
14/05/2025

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