



# 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?

---

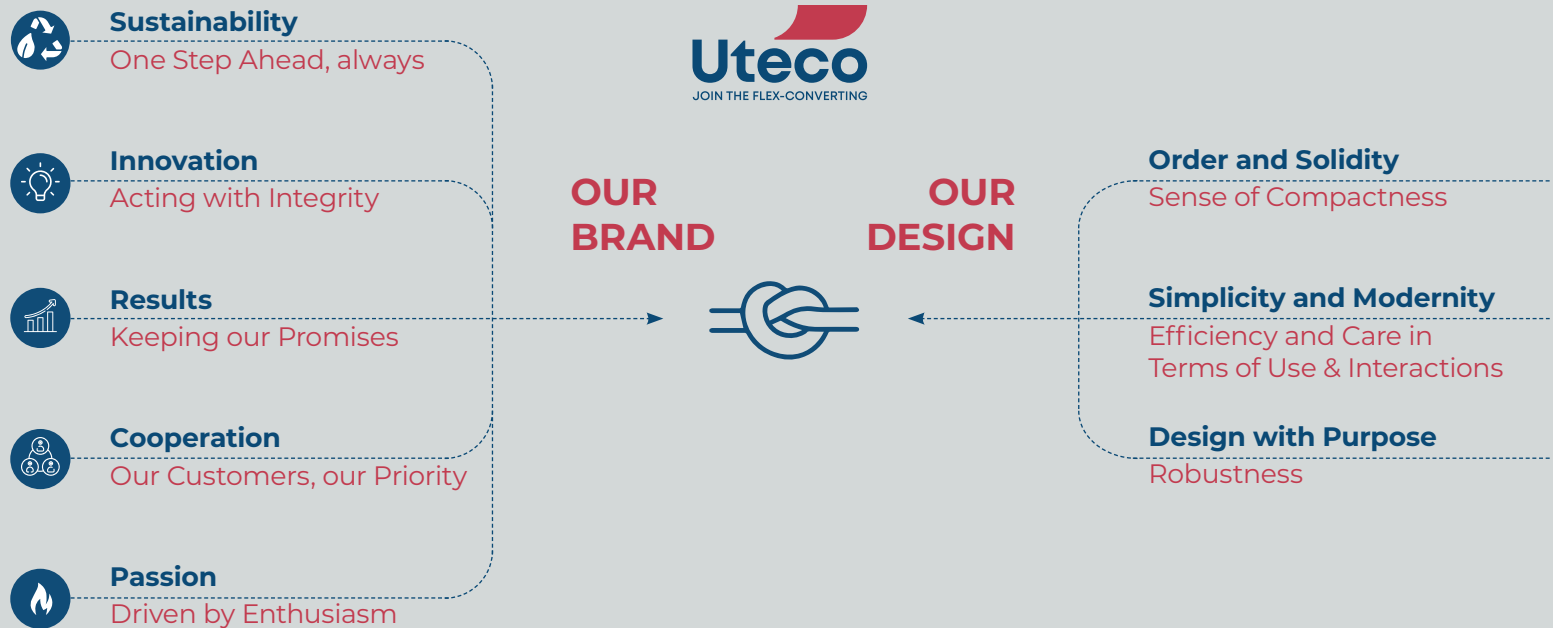
ONYXGO

- 
- 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.

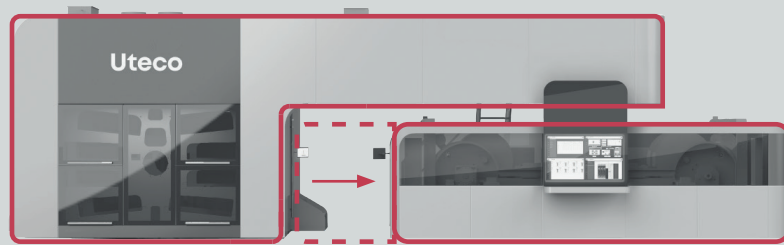




# 1. Order and Solidity, Simplicity and Modernity

---

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



Core Print Unit

Complementary High-Tech Unit

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

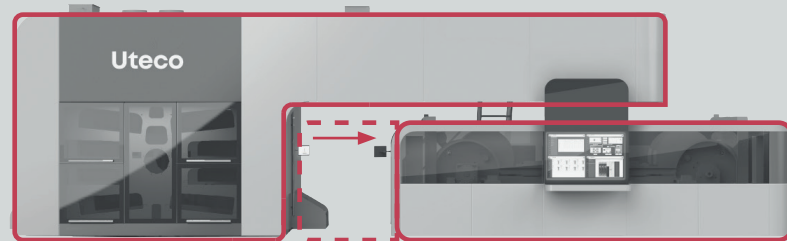
---

**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

---

The **operator** is at the center of our new **design**, giving the Onyx Go unique **ergonomic** features.



## 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

---

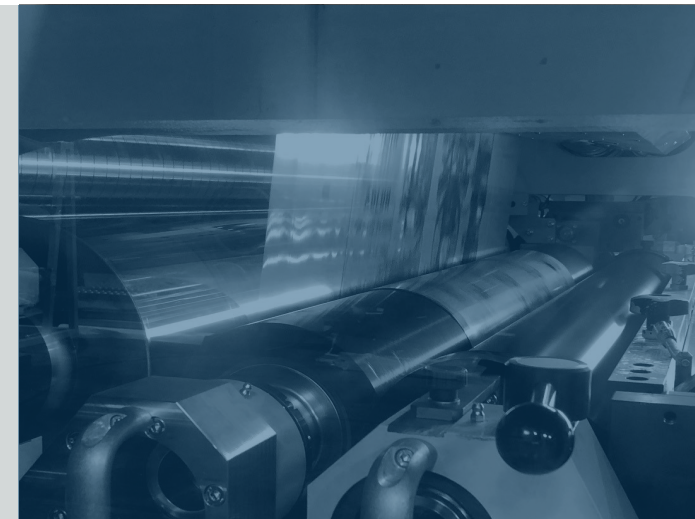
The **Fastest Changeover** in the Short Run Flexo Segment, **Ever!**

**< 3 Min** for Printing Pressures and Register Setup<sup>(\*)</sup>

**Up to 50%** Faster Setup Process<sup>(\*)</sup>



**UP TO 1,8M€ HIGHER REVENUE /  
YEAR OF EXTRA PRODUCTION<sup>(\*)</sup>**



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

<sup>(\*)</sup> 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

---

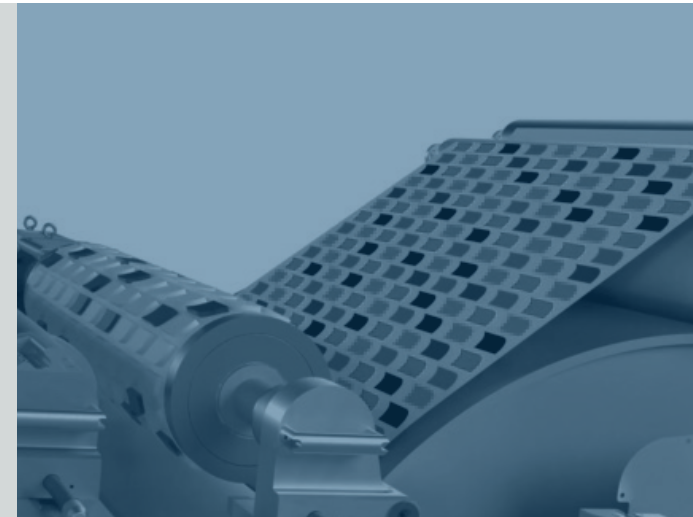
The **Fastest Changeover** in the Short Run Flexo Segment, **Ever!**

**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 (\*)**

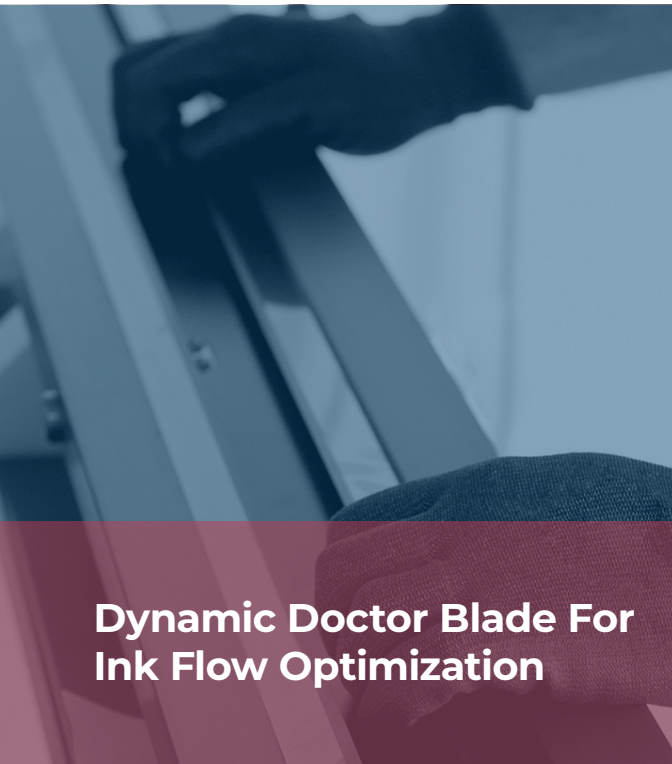
(\*) Vs Comparable flexo press on the market without Sprint Wash



### 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

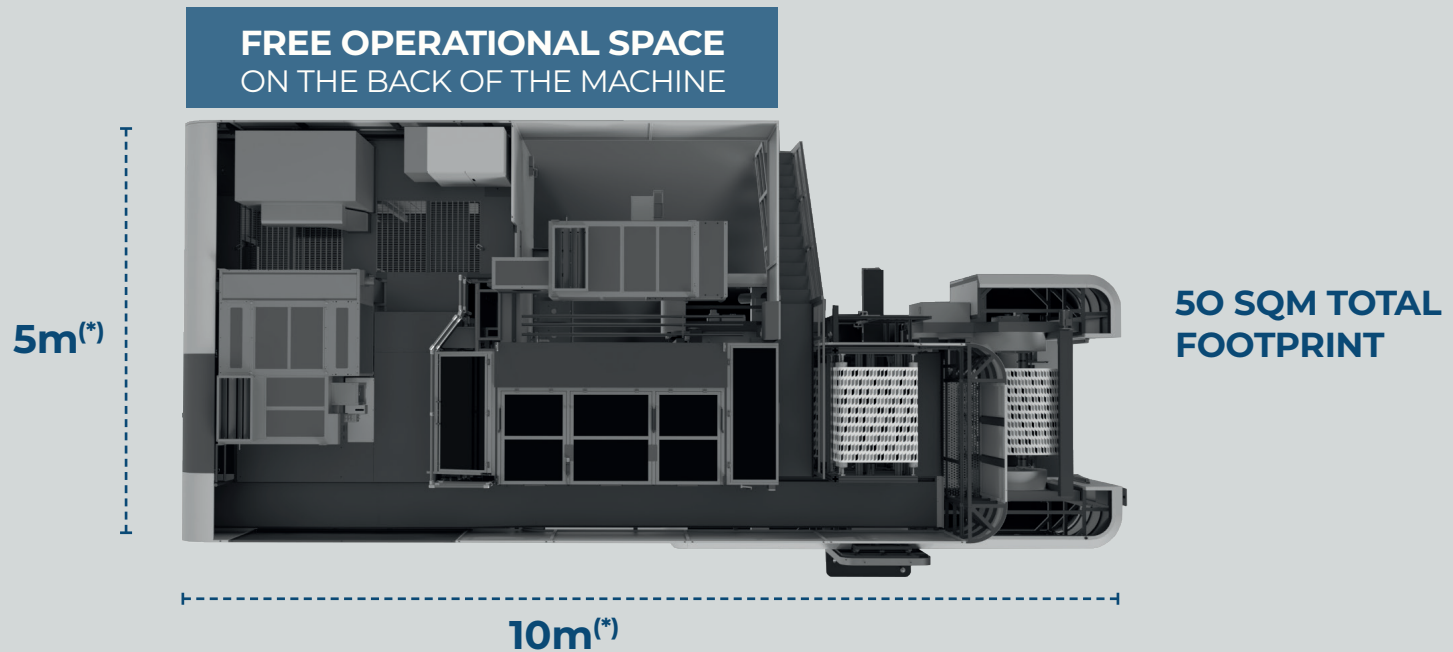




## 4. The Most Compact Flexo CI Press

---

**Onyx Go Minimizes** The Off-Press Operating Space.



(\*) Figures refer to machine smallest configuration



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

---

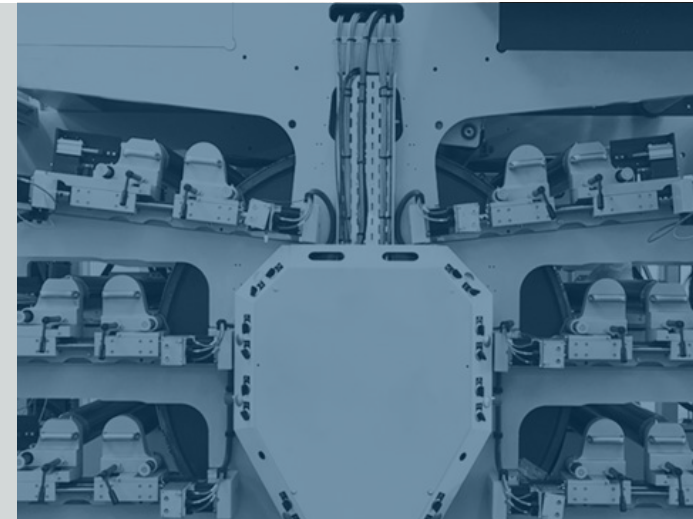
The **Most Advanced Technology** to Eliminate the Bounce Effect, **Ever!**

**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



#### MULTI-INDUSTRY

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



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

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

The **Most Ergonomic** Cockpit, **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

---

The **Most Accessible** Catwalk For a Flexo Press, **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



**FULLY ACCESSIBLE  
CATWALK**



**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
Material width	[mm]	820 - 1020 - 1320
Min/Max print repeat	[mm]	260 ÷ 720
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



**Onyx Go**  
**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 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 **sustainable investment** 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**

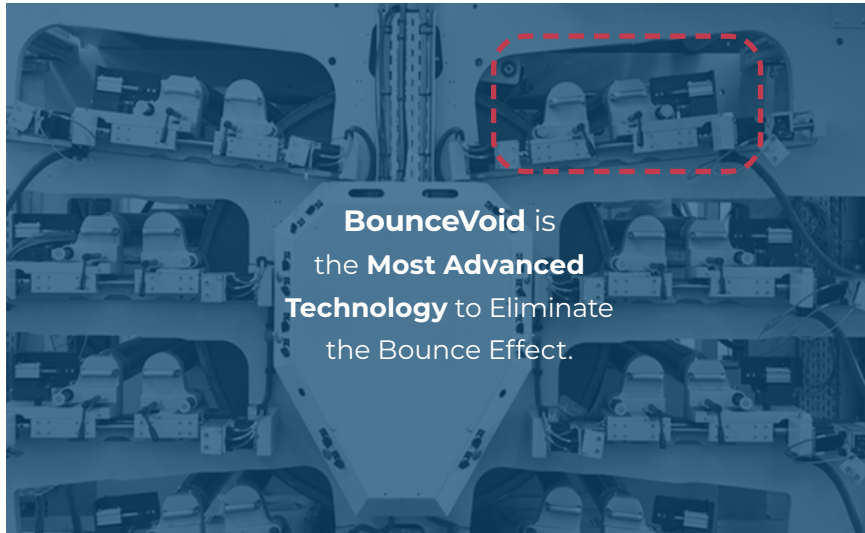
material waste  
during job start-up.



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







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



**ROBUSTNESS** FOR  
VALUE OVER TIME

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.



## 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**





---

**Uteco Converting SpA**  
Viale del Lavoro, 25  
37030 Colognola ai Colli (VR)  
Ph: +39 045 6174555  
[utecovr@uteco.com](mailto:utecovr@uteco.com)  
[www.uteco.com](http://www.uteco.com)



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