

Non-stop productivity.  
**Boardmaster.**



# Eliminate changeover downtime. **Boardmaster.**

**The Boardmaster gives you unparalleled, continuous functionality when changing from one job to the next.**

Investing in a Boardmaster® gives you not only the most modern, feature-laden flexographic press available, but also **buys you up to an entire extra shift of production per year.**

The Boardmaster allows you to change from one job to the next, at full production speed, with minimal waste and zero downtime. By capturing all the time formerly spent setting up and adjusting the new job, you gain additional productivity. Downtime is turned into uptime, maximizing your return on investment.

Boardmaster is available in four different web widths, so you can find a size that is right for you. In addition, two distinct print station designs and your choice of hot air, UV or even hybrid curing allow you to customize your new Boardmaster to fit your needs.

Whether you produce general folding cartons, lottery tickets, liquid packaging or foodservice products, there is a Boardmaster configuration and price point that is right for you.

 [heidelberg.com/boardmaster](https://heidelberg.com/boardmaster)

# The art of productivity. Simplicity through technology.

**Adjusting impression is the single biggest time loss when operating a conventional flexo press. The Boardmaster automates the entire process, freeing the press to produce more product.**

## **Confidence in speed and quality.**

The precision drives and controls of Boardmaster, along with the Intellimatch® plate scanner, gives you a printing powerhouse –shift after shift. Whether you are in the market for general folding cartons, liquid packaging, or lottery tickets, the Boardmaster gives you the ability to keep running while others are down for job changes.

## **Features.**

### **Optical plate scanning**

#### **Intellimatch**

By scanning the topography of a printing plate in minute detail with the Intellimatch® scanner, the Boardmaster can automatically effect perfect impression.

### **Detect errors before they happen**

#### **Built-in quality control**

Your new Intellimatch scanning system can also detect plate mounting errors, out-of-round print sleeves, and debris before the plate ever gets to the press.

### **On point every time**

#### **Precision Register Control**

The Boardmaster includes, as standard, the HEIDELBERG® register controller.

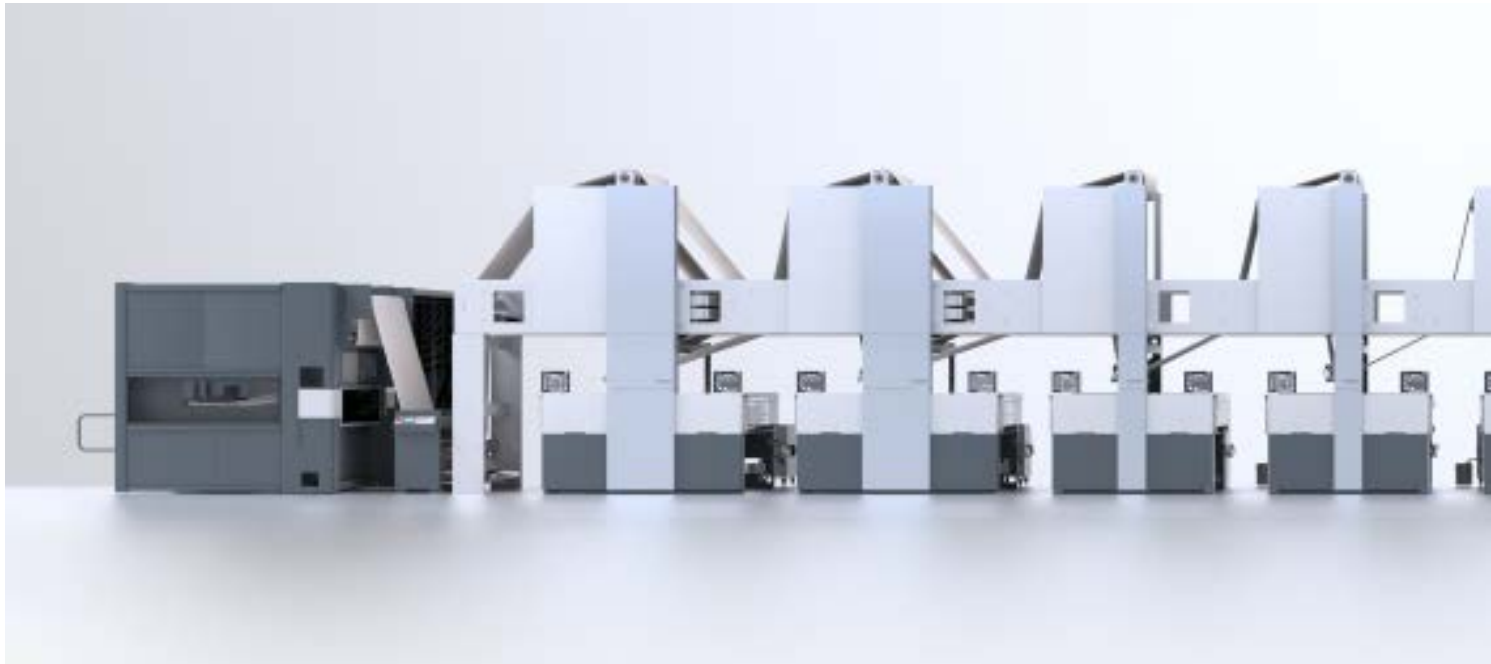
This system gives you spot-on print registration in both X and Y axes and automatically engages on a non-stop job change.

### **Impression consistency**

#### **Dynamic Impression Control**

The Boardmaster automatically adjusts impression throughout speed changes, keeping your output consistent at all times.

# BOARDMASTER



First Inline Press with **zero changeover downtime** providing for **non-stop production** with flying job change at full speed.

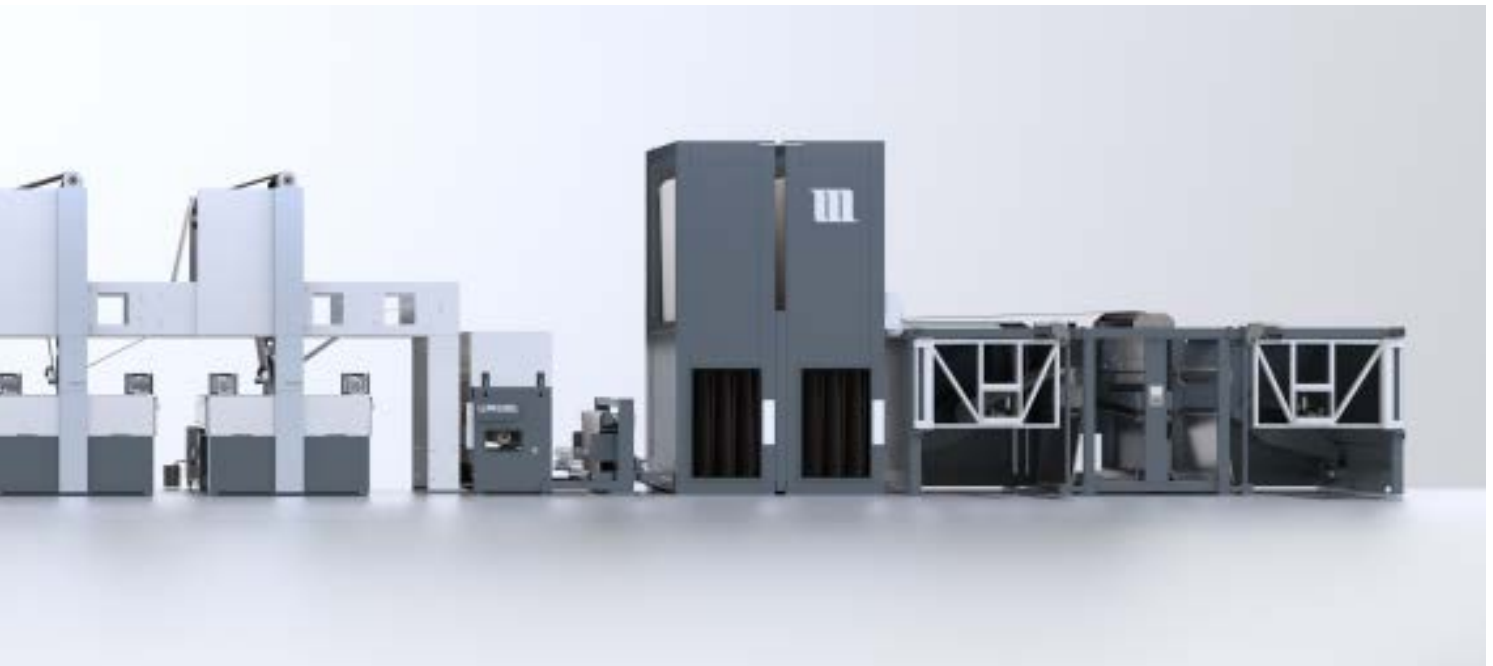


The Boardmaster saves **90% of changeover substrate cost.**



**Unique Double in**  
floor space and we

# R



**Deck** saves  
b length.



**Intellimatch**, the unique offline  
printing plate and sleeve scanner  
provides all press parameters for  
the Boardmaster.



**Impressive high performance** with  
600 m/min per minute (2.000 fpm).  
(Equal to 36.000 sheets per hour),  
(Format 7).

# 9

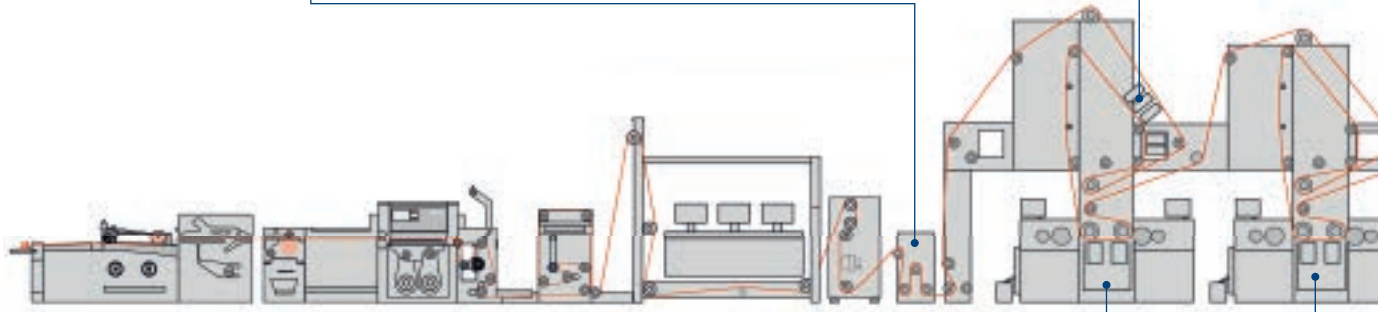
## Machine outfeed

The outfeed unit **maintains web tension** and **prevents register variations** by isolating downstream processes.

# 7

## UV system

The highly efficient UV system provides **fast UV curing**. The chill rollers avoid an excessive temperature increase of the web.



# 8

## Inter-Deck dryer

The inter deck dryer ensures a **highly efficient drying** of the first printed color in the DoD.

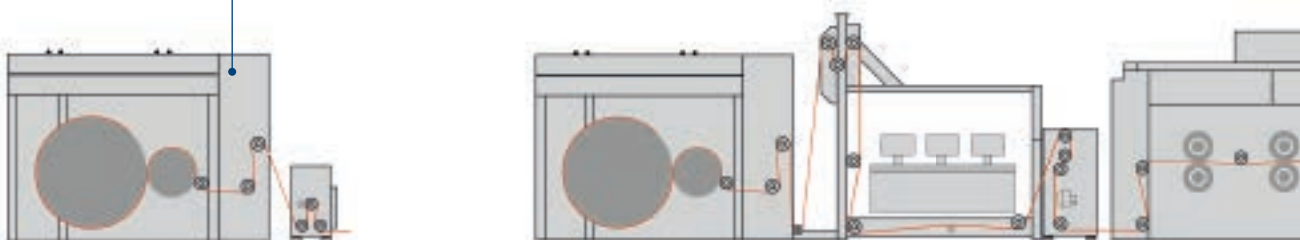
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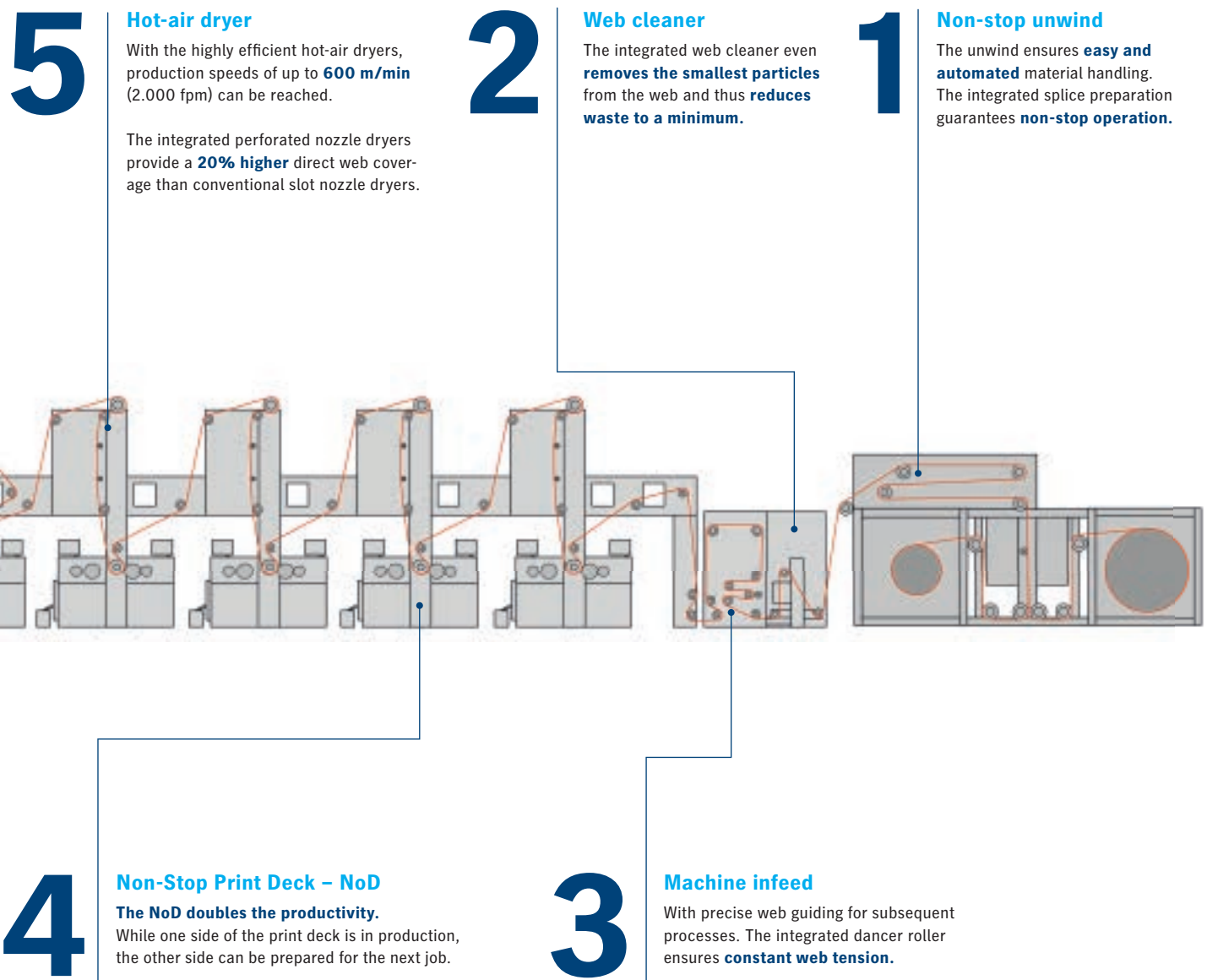
## Double Print Deck – DoD

The DoD prints two colors in one compact print deck with at least **40% smaller footprint** as well as **40% less energy consumption**.

## Possible machine

### Boardmaster + non-stop rewind





**5 Hot-air dryer**

With the highly efficient hot-air dryers, production speeds of up to **600 m/min** (2.000 fpm) can be reached.

The integrated perforated nozzle dryers provide a **20% higher** direct web coverage than conventional slot nozzle dryers.

**2 Web cleaner**

The integrated web cleaner even **removes the smallest particles** from the web and thus **reduces waste to a minimum**.

**1 Non-stop unwind**

The unwind ensures **easy and automated** material handling. The integrated splice preparation guarantees **non-stop operation**.

**4 Non-Stop Print Deck – NoD**

**The NoD doubles the productivity.**

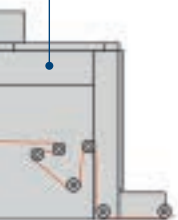
While one side of the print deck is in production, the other side can be prepared for the next job.

**3 Machine infeed**

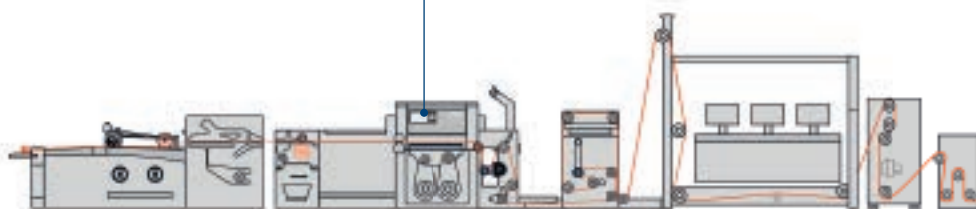
With precise web guiding for subsequent processes. The integrated dancer roller ensures **constant web tension**.

**Machine configurations**

**Boardmaster + rotary creaser and rewind**



**Boardmaster + flatbed die-cutter HEIDELBERG FCL**



## **Publishing information**

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