Printing Equipment For Your Flexible Packaging Markets
W&H Product Range: Printing

EXTRUSION | PRINTING | CONVERTING

VISTAFLEX | Flexographic

MIRAFLEX | Flexographic

HELIOSTAR | Rotogravure

DYNASTAR | Rotogravure
CI-Flexographic-Press Portfolio

VISTAFLEX C

NOVOFLEX C

MIRAFLEX ´´C / ´´A

MIRAFLEX S
**MIRAFLEX™ - Highlights**

*NEW VISION – web inspection system by W&H*

**VISION - CHECK**
Image processing with defect detection algorithms

**VISION - FULL**
Full 100 % print monitoring with line cameras

**VISION - ZOOM**
Visual print inspection with matrix cameras

**PROCONTROL**
Press control unit
MIRAFLEX™ - Highlights

NEW Machine Web Path

- Optimized web guidance
- Better access to corona treater and chill roller
- Faster cleaning and maintenance
MIRAFLEX™ - Highlights

**NEW TURBOCLEAN ADVANCED E**

- Fastest wash-up system (less than 3.5 min for all decks)
- Maintenance-free electric pumps
- Lowest solvent and ink consumption
  - 8 l solvent consumption per deck
  - 1 kg ink losses per deck
EASY-COL - Color Matching at the Press:
Total Job Change-Over Time [%]

- Plate and anilox sleeve change: 6%
- Ink changes: 10%
- Material changes: 8%
- Decking / job data: 6%
- EASY-SET: 5%
- EASY-REG: 11%
- Others (e.g. quality test): 46%

Source: Investigation by Global Brand Owner
EASY–COL

Color matching system

**Advantage:**

- Easiest color matching system on the market
- Reduces setup time and waste by 50%
- Inline ink consumption measurement by weighing scales.
- Calculates the required amount of inks for the complete job.
EASY–COL

1st Print Sample (unknown ink recipes)
Reference Sample

Color Measurements
Min. 6 mm large solids; measurements on W&H white meas. pad

Best Match Calculation

„Best Match“ Color Correction on the Machine!

Ink Mixing
EASY–COL with Ink kitchen Hand-in-Hand

- Offline ink preparation by taking EASY-COL col data
- In ink lab ink person gets all information of EASY-COL
- EASY-COL provides Ink formulation recipes referring to the performed corrections and the recipes can be sent to dispenser for fast ink preparation.
W&H Product Range: Printing

Rotogravure
HELIOSTAR™ S
HELIOSTAR™ A

- Repeat: 450 - 920 mm
- Printing width: 800 – 1400 mm
- Speed: 400 / 500 / 600 m/min.
- Winder Ø: 800 mm, 1000 mm, 1300 mm
The Future of Rotogravure Printing

Wouldn‘t it be fantastic to optimize the rotogravure process for short jobs?

We did the first step!
DYNASTAR – Our Answer to Shorter Jobs

Innovative press concept

- For shafted or hollow cylinders
- Fastest change-over
- Job preparation beside the press
- High printing efficiency and overall output
- Same printing system, same inks, same printed product just as with wide presses
Let us meet at drupa 2020 to verify our results

Drupa 2020
June 16 - June 26, 2020
Düsseldorf/Germany
Letters for our customers...