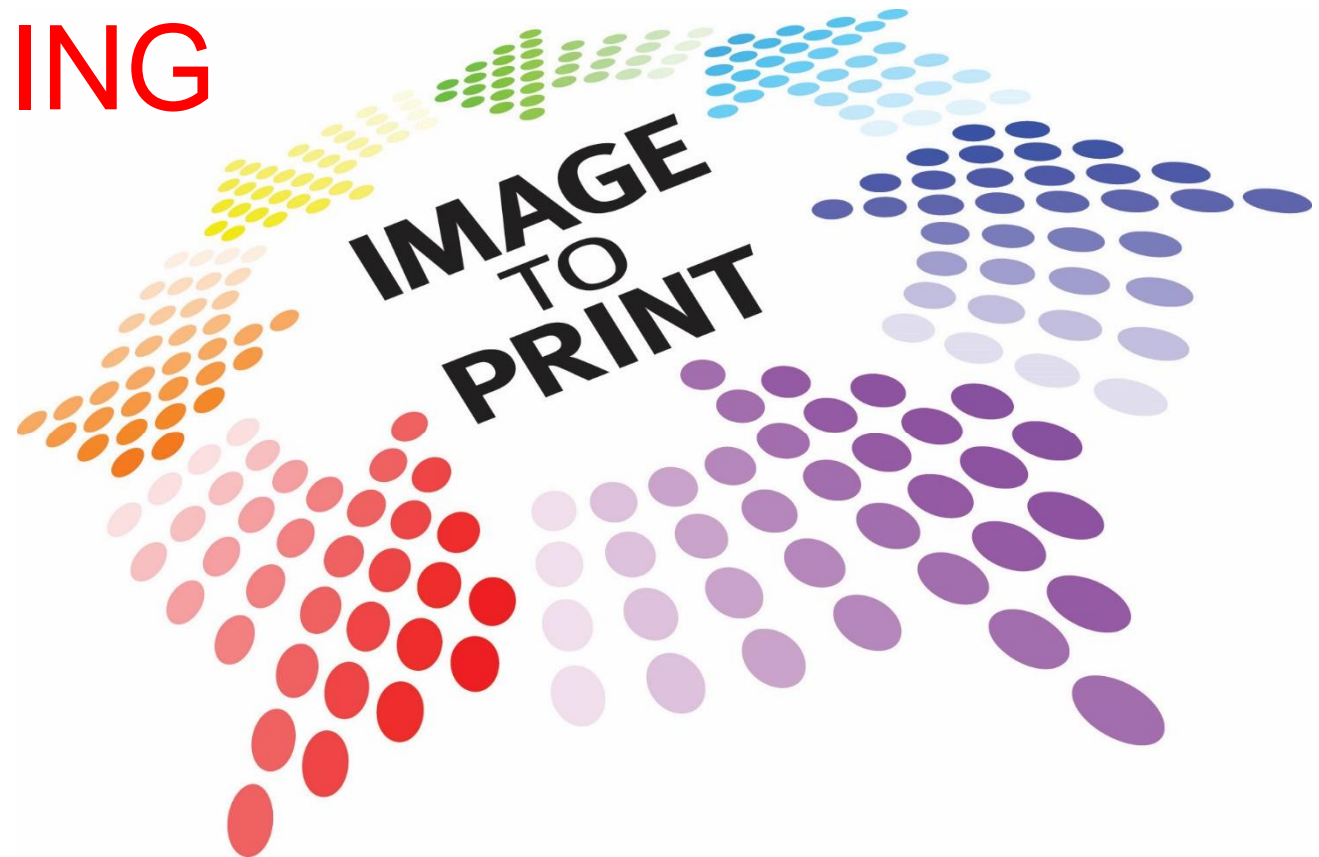


PRINTING TECHNOLOGY & INNOVATION DAYS FOR FLEXIBLE PACKAGING

20-21 November 2019
Kuala Lumpur, Malaysia

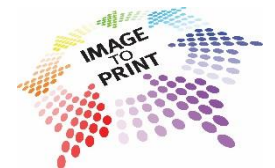


PRINTING TECHNOLOGY & INNOVATION DAYS FOR FLEXIBLE PACKAGING

State of the art printing solutions for gravure and CI-Flexo

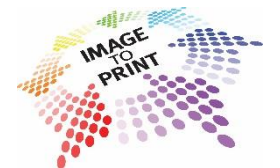
Bülent Dil

Division Manager Technical Sales Printing and Finishing
W&H



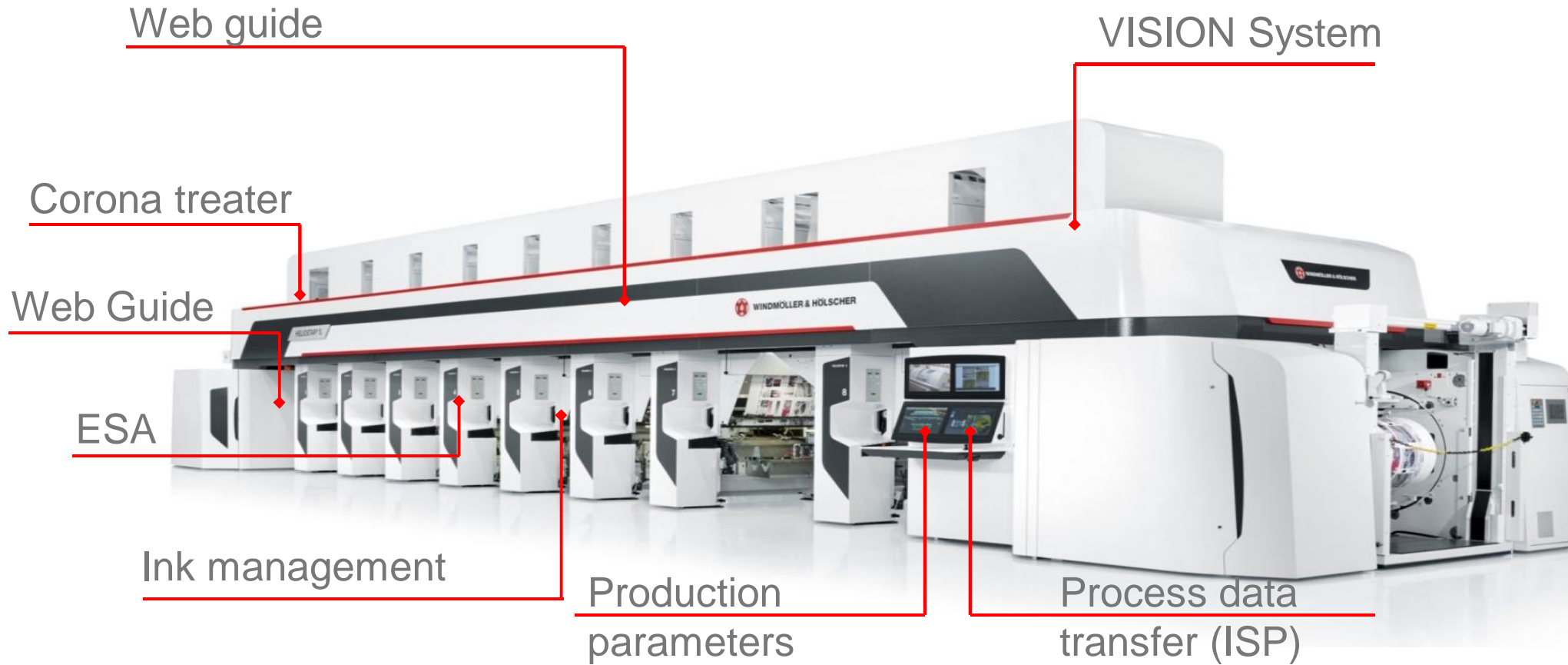
Rotogravure Technology!

Unique features enable HELIOSTAR'' to run 500m/min production speed at the highest quality level



Rotogravure Technology!

Fully integrated machine



Rotogravure Technology!

Fully integrated machine - PROCONTROL

Press, print inspection and additional systems in one hand

- Job data entry only once, all data in memory. Fewer mistakes and faster setup
- Common control system, optimized interfaces. Highest reliability
- One contact partner, W&H IDC availability and remote access for all systems



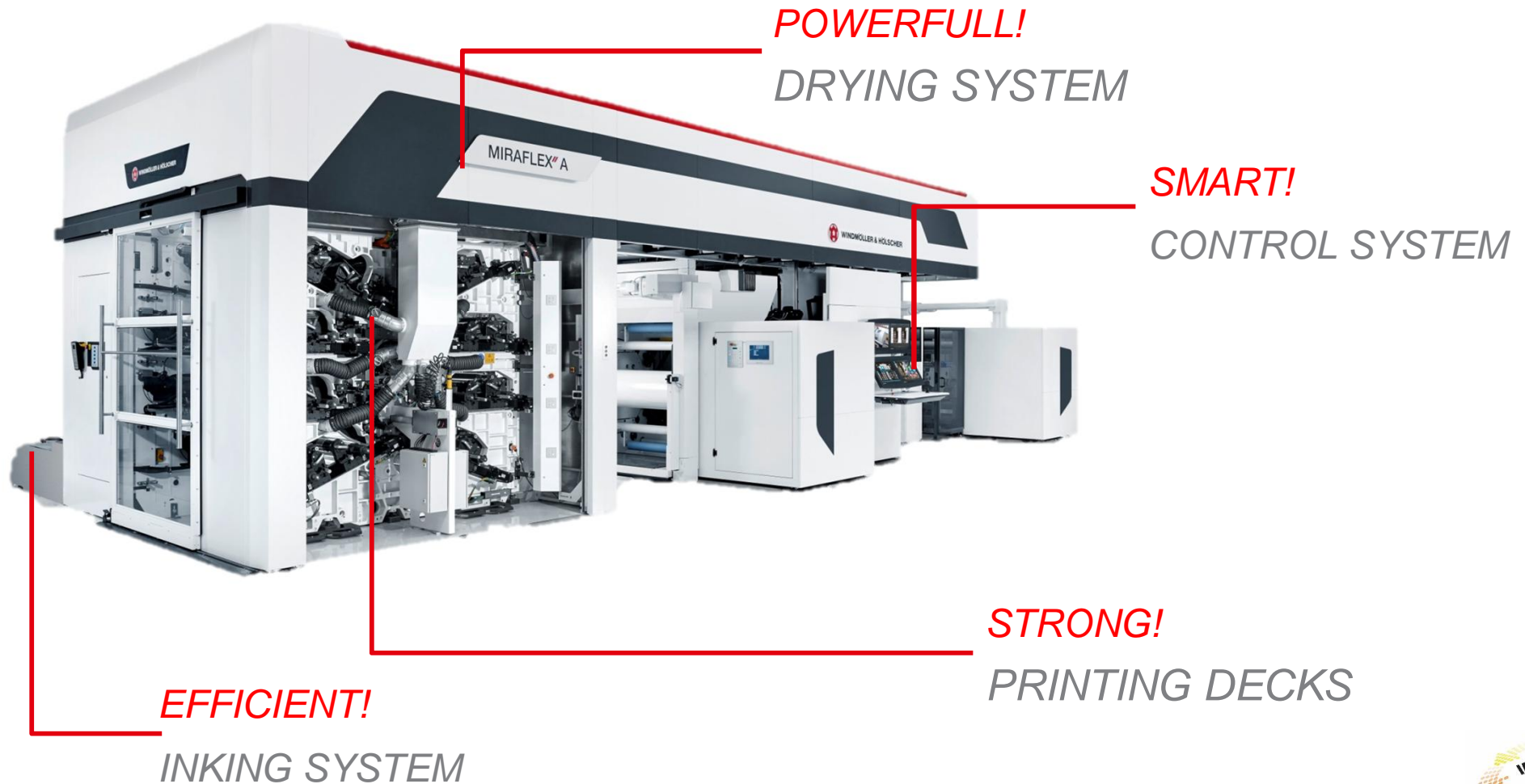
Rotogravure Technology!

Drying System

- Strong and sharp air knife technology
- Highest energy efficiency
- Wide operating range with variable nozzle exit air velocity (30 – 46 m/s)
- Maximum drying performance for extensive ink application, cold seal
- Unique nozzle design



Flexo Technology!



Flexo Technology!

STRONG!

PRINTING DECKS



Frame and deck design even for most demanding print jobs

Identical print results on all decks



Minimized bouncing at any speed, because of satellite print deck configuration



Fast and safe sleeve change over
Sleeve pushout device

W&H

Others



Flexo Technology!

POWERFULL!

DRYING SYSTEM



Homogeneous drying across the web
Low solvent retention



High nozzle air velocity
Adjustable air flow and temperatures
High energy efficiency



Easy access to nozzles at
between-color-drying and tunnel-drying



Flexo Technology!

EFFICIENT!

INKING SYSTEM



Homogeneous inking across the web
Integrated viscosity and temperature control



Shortest cleaning cycle time
Best cleaning results
Fast change of doctor blades and seals



Low wear on blades and side seals
Lowest possible ink/solvent waste
Minimum maintenance requirements

TURBOCLEAN



Flexo Technology!

FAST!

IMPRESSION SETTING SYSTEM



Perfect print impression setting
HD topography measurement

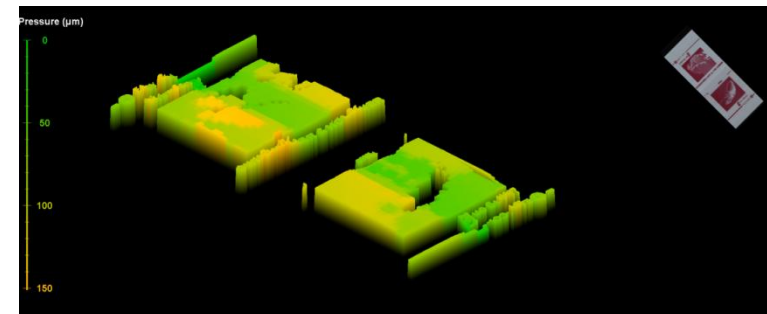


Use of existing printing sleeves
Integrated impression diagnostics



Min. change-over time
Low waste during impression setting

EASY-SET



Flexo Technology!

FAST!

REGISTER SETTING SYSTEM

§ Register setting based on inline camera signal

§ Register setting based on sensors



Min. change-over time
Zero waste for register setting



Easy preparation of printing sleeves

EASY-REG



Flexo Technology!

SMART!

CONTROL SYSTEM



Intelligent machine operation
Self adjusting machine parameters
according to fault detection

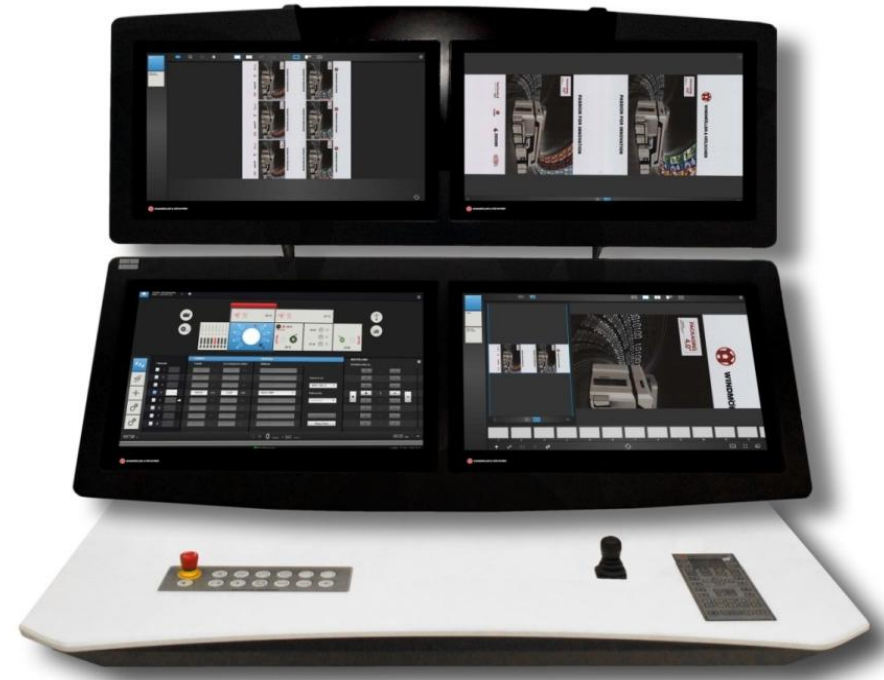


Intuitive machine operation
Head-up Display Technology



Integrated Vision System
Reduced Setup time through a
common Graphic User Interface

PACKAGING
4.0 
*intelligent,
intuitive, integrated*



THANK YOU FOR YOUR ATTENTION.

janoschka

