



Printing Technology and Innovation Days

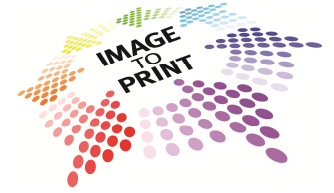
Printing Equipment For Your Flexible Packaging Markets



Ulrich Harte,
Image-To-Print,
Ho Chi Minh City,
19th April 2017



WINDMÜLLER & HÖLSCHER
PASSION FOR INNOVATION



1st. Image-to-Print Event in April 2013



W&H at a glance

International Leader in the Flexible Packaging Segment: Extrusion, Printing and Converting (Hidden Champion)

- Founded in 1869
- Headquartered in Lengerich (Germany)
- Owner-managed, family company
- Over 50 machine types
- Approx. 720 Mio. Euro turnover (W&H Group)
- Approx. 2.500 employees worldwide

* Basis year 2015



WINDMÖLLER & HÖLSCHER

Today we are the only full system provider worldwide – from film extrusion to finished sack



EXTRUSION



PRINTING



CONVERTING



W&H Product Range: Extrusion

VAREX[™] | Blown Film



AQUAREX | Blown Film, Water-cooled



OPTIMEX | Blown Film



FILMEX[™] | Cast Film



W&H Product Range: Printing

VISTAFLEX | Flexographic



HELIOSTAR'' | Rotogravure



MIRAFLEX'' | Flexographic



DYNASTAR | Rotogravure



W&H Product Range: Converting

AM/AD | Paper Sack



TOPAS | Form-Fill-Seal

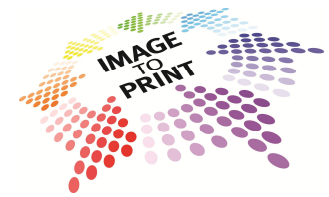


TRIUMPH, MATADOR. Garant | Paper Bags



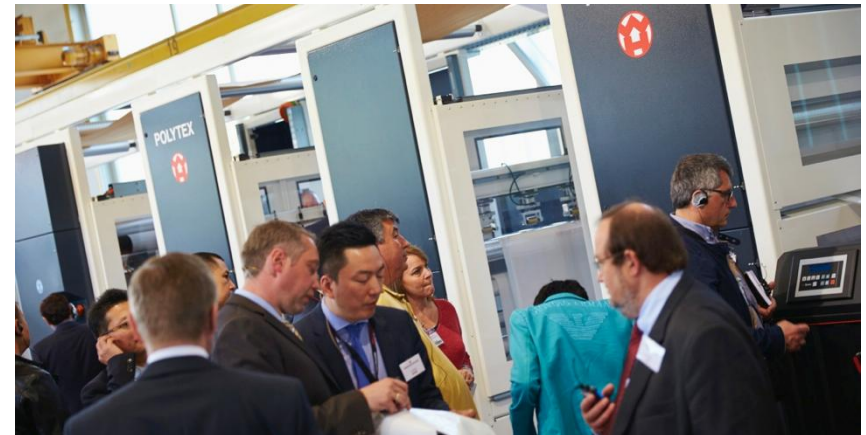
CONVERTEX. BSW | Woven Sack





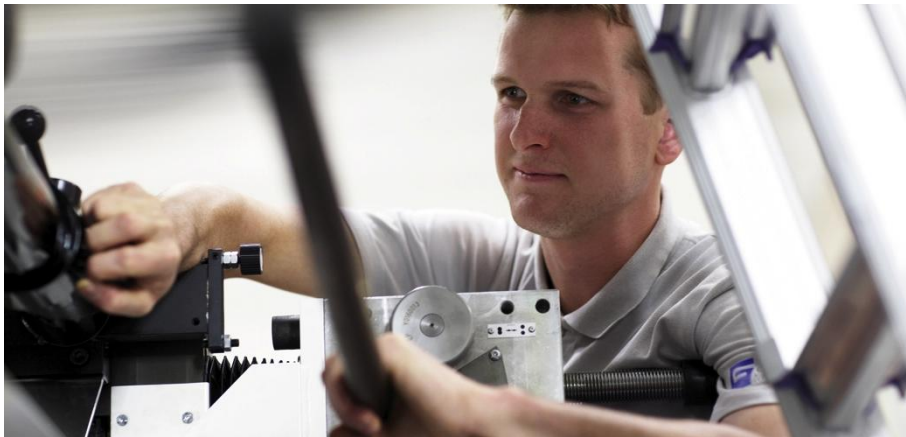
Technical center with more than 5,000 m² and latest machine technology

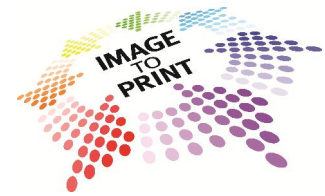
- Demonstrations/trials
- Training
- Application testing



Service-Oriented: We accompany our customers throughout the life of their machine

- Worldwide **11 service centers** and approx. **300 service technicians**
- Individual **customer training**
- **24/7 Service-Hotline**
- **Remote-Service:** Quick troubleshooting and diagnostics via Internet
- Express **spare parts delivery**
- **Life-cycle service** contracts
- Preventative **maintenance**
- **Retrofit** solutions
- **Die-services:** Cleaning, repairs and overhaul





W&H at Lengerich

- Approx. 1,900 employees
- Over 120,000 m² total area

Tasks

- Research & Development
- Engineering & Production
- Sales
- Service
- Customer Center & Technical Centers
- Headquarters



Flexo CI-Flexo-Press Portfolio

VISTAFLEX | Flexographic



NOVOFLEX | Flexographic



MIRAFLEX''C | Flexographic



MIRAFLEX''A | Flexographic





DYNASTAR

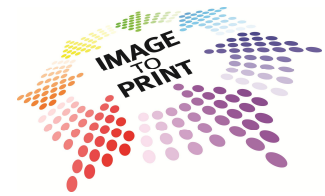
Rotogravure Press Portfolio



HELIOSAR''S, HELIOSAR''A



WINDMÜLLER & HÖLSCHER



The Future of Rotogravure Printing

Wouldn't it be fantastic to optimize the rotogravure process for short jobs?

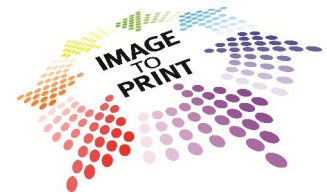


We did the first step!

On Drupa we introduced DYNASTAR,
the first short run rotogravure press.



WINDMÜLLER & HÖLSCHER



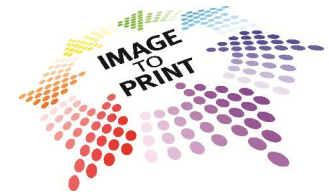
DYNASTAR – Our Answer to Shorter Jobs and Digital Printing

Innovative lightweight cylinders
(optional on rental base)

Created by **Janoschka**

- Small-scale investment
- Minimum storage space and -costs
- Reduced cylinder handling costs
- Low transport costs and shorter delivery time



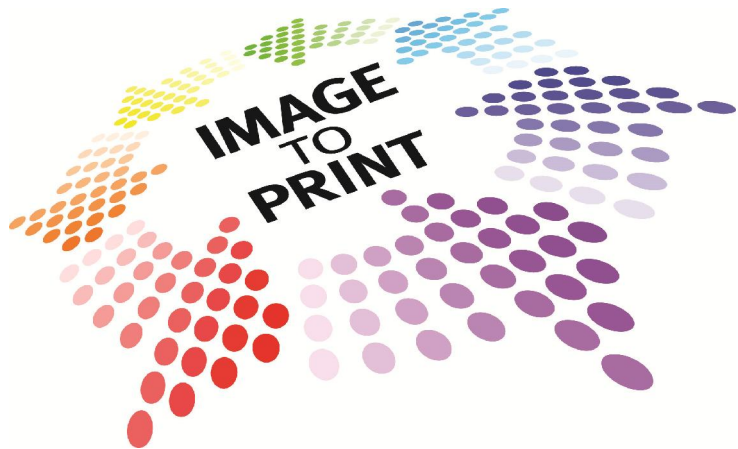


The Rotogravure Future has started!

It's not only press technology, it's a cylinder development as well!



WINDMÖLLER & HÖLSCHER



Thank you, enjoy the day!



Subscribe to our newsletter:
www.wuh-group.de



WINDMÖLLER & HÖLSCHER
PASSION FOR INNOVATION