Offset Industry

Machinery

- CtP Equipment
- Plate Processing Units
- Solvent Reclaimers

Consumables

- Inks & Varnishes (Conventional & UV)
- Printing Chemicals (Ph / FountainSolutions, IPA etc.)
- Rubber Rollers & Printing Sleeves
- Infrared Lamps
- Non-woven Rolls (for surface cleaning)
- Photopolymer Plates (for dry offset applications)
- Industrial Adhesives (for Packaging, Converting etc.)
- Printing / Rubber Blankets
- Printing Substrates (Film, Paper / Carton, etc.)
- Doctor Blades
- UV Lamps
- Anilox Rollers
- Offset Plates (Conventional & Digital)
- Pre-press Chemicals
**Offset Machinery**

---

### CtP Equipment

**On the edge of technology - CtP Systems**

High-end CtP Systems ideal for all Flexographic and Letterpress applications. We offer models suitable for photopolymer plate processing, as well as models for offset plate processing.

---

### Solvent Reclaimers

Complete series of equipment used for the Recycling and Reclaiming of Solvents used for the wash-out of Photopolymer Plates, as well as solvents used for cleaning other printing units and spare parts.

The Solvents are reused and this results in a smaller production cost, especially after the quick depreciation of your investment.

---

### Plate Processing Units

The units we offer are designed and manufactured in Germany, and substitute an ideal solution for the Production of Flexographic Plates and Dry Offset printing.

---

**Water washable Plates Equipment (letterpress) - nyloprint®**

**Nyloprint® Combination CW 22 x 30**

*Plate size up to 22 x 30 cm*

Small and complete unit for all stages of water based Plate Processing, of dimensions up to 22 x 30 cm:

- Less mechanical stress due to a proven plush washout system
- UV Lamp exposure
- Dryer with two drying drawers
- Easy to use programmable panel

---

**Nyloprint® Combination CW 35 x 50**

*Plate size up to 35 x 50 cm - also available for 50 x 70cm plates*

Medium sized unit, constituted of three independent parts that can be used separately or stacked as a tower:

- Washer with a special plush and a deck with a magnet or an adhesive surface, for plates with metallic or plastic base
- Exposure unit with a powerful vacuum motor and special UV-A Lamps
- Dryer with two drying drawers
Offset Consumables

Inks & Varnishes (Conventional & UV)

In cooperation with the most established companies world-wide, we supply the Printing and Packaging Industries with a complete range of Inks and Varnishes.

Our Inks and Varnishes are:

- Suitable for all printing needs and applications (paper printing, packaging and special packaging for food).
- Fully in line with market requirements, in terms of performance and cost.
- Manufactured using environmentally friendly production technologies without posing risks to humans.

Printing / Rubber Blankets

High quality Printing Blankets - for excellent Ink Transfer (conventional & UV inks)

Guarantee of High Quality and Performance

Our proposal for your Printing / Rubber Blankets is the alpha and the omega for every professional in the Offset Printing industry. With long experience and constant research and development, our partner houses offer you a wide range of quality products for every Offset application. All the Blankets are converted in German production units and are ready for all press types.

For Webfed / Sheetfed units & other applications

The surface of each blanket is composed by different layers which grant the blanket special attributes

The special surface of the blankets grants them increased durability, while it guarantees excellent printing quality. It helps achieve perfect ink transfer with low dot gain and minimal concentration of ink and dust. This way, the intervals between consecutive washings drastically increase. At the same time, the Paper Release is optimised.

- Excellent performance at the most competitive price!

Printing Chemicals

Press Chemicals

We offer a great variety of Cleaning Chemicals suitable for Conventional and UV inks, and a wide range of Press Chemicals, like Ph / FountainSolutions etc.

We also offer IPA Substitute and other chemicals suitable for all Offset Printing procedures.
**Offset Consumables**

**Non-woven Rolls for surface cleaning**

High quality **dry wash** and **wet wash** Non-woven Cleaning Rolls, for the optimal cleaning of the printing units.

- Combination of polyester fibers (45%) and wood pulp (55%)
- Excellent absorbency and cleaning power
- Smooth surface, extremely soft to avoid damage
- All rolls are subjected to continuous quality control

**Infrared Lamps**

**Infrared / Hot Air Drying**

We offer infrared lighting lamps and hot air drying lamps, adjusted to each customer’s needs.

Meet their customer driven drying and curing systems for optimum drying results, energy savings, increased production, and improved print quality.

**UV Lamps**

Our **UV Lamps** are designed and manufactured specifically for the direct replacement of lamps, or for the special needs of machinery manufacturers all around the world.

**Doctor Blades**

The high quality knives we offer, are suitable for all flexographic applications, ensuring **clear printing, less splatter** and the **maximum protection** of the anilox rollers.
Offset Consumables

Offset Rollers

Sheet Offset Rollers

The rollers to be used for sheet offset printing systems are manufactured according to the offset printing requirements. The technical parameters for rubber rollers to be used in offset printing systems as identified by printing machine manufacturers are taken as basis. Therefore the technical properties of the rubber rollers found in every make and model are recorded.

Web Offset Rollers

The web rollers are manufactured as heat and pressure resistant due to high operational speeds. They carry properties suitable for the ink and water transfer.

Label Print Rollers

The rollers used for label prints are UV resistant and manufactured with accurate diameter and surface properties. Use of suitable wash solvent enables long operation periods.

Other rollers

- Adhesive
- Varnishes (Dispersion, UV)
- Ebonite

Anilox Rollers

The special design our Anilox Rollers’ cells guarantees: improved ink transfer, higher printing quality and easier cleaning.

EFLO™ - A revolutionary cell design system

EFLO™ - a new, revolutionary cell design that guarantees better ink transfer and reduces the risk of anilox clogging.

By increasing the number of the roller’s cell walls, the EFLO™ system brings you a higher printing quality, both for solid printing, as well as small characters.
Polyart® Synthetic Substrates

Polyart®. One name. Millions of applications. Witness the perfect marriage of paper and plastic with Polyart, the synthetic paper that’s as printable as it is durable. Polyart’s unique clay coating ensures print quality that’s vivid and colorful.

Adhesive Substrates (available in rolls & sheets)

With Acrylic Adhesive / with Hot Melt Adhesive

Paper (Semi Gloss / Gloss / High Gloss) / PP (White / White-Pearl/ Opaque) / PE (White / Opaque)
Eco Thermal, Top Thermal, Fruit Tag / Special Substrates

Industrial Adhesives

Adhesive for Litholamination

Suitable for Paper and Carton converting operations:
- Its strong wet tack property reduces potential adhesion failures until dry
- Contains mineralic additives as penetration retarders
- Suitable for all normal absorbent, unvarnished paper and carton qualities
- Lamination of flat or corrugated cardboard to cardboard
- Elastic and no blocking film

Adhesive for Side Seaming

Suitable for Paper and Board converting operations:
- Cardboard lamination
- Glued lap applications
- Core winding

Apply by wheel or roller coater.
(Compatible with all Folder Gluer machines)
Offset Plates

We offer a wide series of Conventional & Digital Offset Plates of the X-treme series.

Backboned by long research and development, our offset plates guarantee excellent value-for-money.

On Conventional Plates, we offer positive and negative plates according to the applied European and Chinese Standards (CC - Conventional China and CE - Conventional Europe).

For CtP applications, we offer Thermal Plates - TC (Thermal China), able to process a wide range of chemicals while demanding minimum adjustments on the CtP Imager and Processor settings.

Offset Plates available gauges: from 0,15 mm to 0,40 mm

Pre-press Chemicals

Offset Plate pre-press chemicals

We offer a wide variety of Developing Chemicals for the Pre-press Department, guaranteed to give you clear, high quality and high resolution printings.

Dry Offset Printing Plates

Water washable Printing Plates of the highest standards and quality, for all dry offset applications. The nyloprint® series of German design and manufacture is ideal of all your Letterpress print runs and other printing techniques.

Nyloprint® Printing Plates - the perfect master for a work of art

As varied as the requirements are today, as comprehensive the Nyloprint® product range is, to provide you with every opportunity.