# Patented offset sleeve technology

Variable Offset / Flexo interchangeable light weight sleeve press with quick and easy sleeve´s change, less than 1 minute.

**PRINTING SUBSTRATES:**

- Films
- BOPP
- PET
- PVC (from 15 to 400 microns)
- Heat shrinkable material
- Self-adhesive paper
- Self-adhesive paper (150 to 400gr/m²)
- Aluminium
- Paper (40 a 300m²)

**SPEED**

Up to **350** m/min
Roll to Sheets **250** m/min

**WIDTH**

Maximum substrate width
**520 mm | 680 mm |**

Minimum substrate width
**220 mm**

Maximum printing width
**500 mm | 660 mm |**

# Universal

**Rotary**

# Wide variety of printing substrates

**Universal** has a system of interchangeable light offset sleeves which are patented by Rotatek worldwide. The sleeve technology gives unbeteable ease and simplicity in changing multiple formats. Whereas changing jobs merely requires removing the sleeves, which avoids the material breaking.

Not only is it easier and faster, but it is also a much more cost-effective way of printing in different formats, because, using this technology, you only need to change two light sleeves. Sleeve technology, which has contributed greatly to the development of flexo printing, is now also a reality in the offset world.

Apart from Universal's very high offset quaility, and flexibility of changing formats and speed of changing jobs, it has the advantage of a lower pre-printing cost (offset plates are cheaper than flexo plates or rotogravure rollers).

## ONLINE COMBINATIONS

| | |
|---|---|
| Flexographic units | Video system |
| Rotogravure units | Totally inspection system 100% |
| Screen printing units | Hot stamping |
| Cold stamping | Injet printing of variable data |
| Die cutting units | Non-stop unwinding and rewinding |
| Reprocessing | Corona treatment |
| Automatic inking system | UV / EV / Hot air drying |
| Automatic register control system | Sheet outfeed |



## TECHNICAL SPECIFICATIONS

### GENERAL SYSTEM

**Formats**
variable between 400 and 800 mm

**Sheeter**
0'15 / 0'20 mm

**Shaft Diameter**
70 mm, 76 mm, 150 mm

**Die cutting formats**
variable between 400 and 800 mm

**Plate thickness**
0'90/1'05 mm mm with adhesive blanket

**Blade cutting**
variable between 175 and 711 mm

**Unwinding diameter**
maximum 1500 mm (maximum 800 kg)

## APPLICATIONS

### MARKETS

- Food
- Pharmacy
- Cosmetic
- Non alcoholic beverages

Labels
Flexible packaging
Folding carton
Business forms
Security documents

**"IT ALLOWS A LOT OF CONFIGURATIONS AND COMBINATIONS IN PRINTING, PROCESSES AND FINISHINGS."**