

## OFFSET-FLEXO PRINTER

- Flexographic printer
- Marking speeds up to 150 m/minute

# OFD

### APPLICATIONS

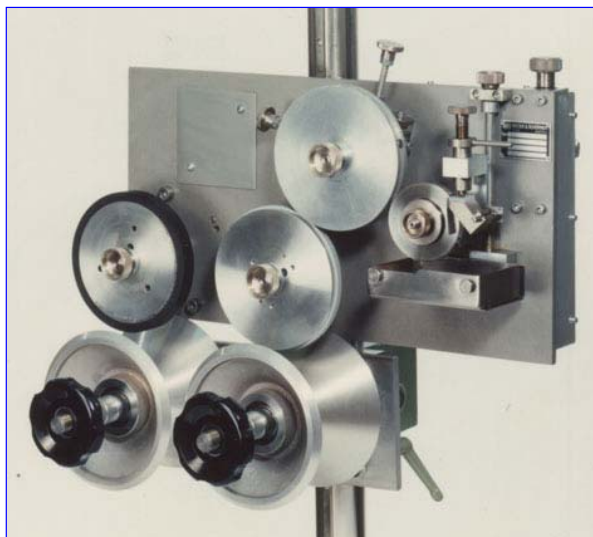
Marking of cables, tubing, or sections within the extrusion line, downstream from the cooling bath and drying fan  
Marking in a separate operation.

### STANDARD CONFIGURATION

Frame with support column and crank-operated height adjustment mechanism.  
Marking system with ink tank; etched inking roller for feeding ink to the rubber plates; printing disc, transfer roll, and drive wheel.  
Guide rollers for product up to 250 mm in diameter.

### FEATURES

Printing disc with receptacles for easily interchangeable, plug-in rubber plates.  
Indirect printing using a rubber faced transfer roll for reduced plate wear and improved printing quality.  
Printing disc and transfer roll driven by product being marked.  
Available on request with auxiliary drive for marking delicate product or products of small diameters or with slippery surfaces (see Options).



### SPECIFICATIONS

Max. marking speed:  
approx. 150 m/minute  
Product diameter:  
8 to 250 mm (standard)  
up to 400 mm (special version)  
Max. spacing of marks:  
500 mm

### SPECIAL VERSIONS

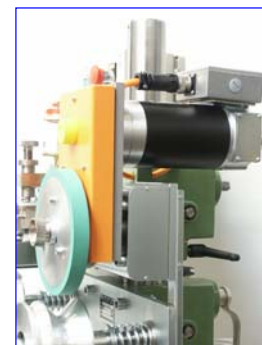
Machine for bottom printing.  
Machine with guide rollers for products larger than 250 mm in diameter.  
Machine with guide rollers for marking hexagonal, square, and flat sections.

## Options and Accessories

### **Electrical auxiliary drive. Option DM**

An electric motor provides a constant, adjustable pushing or braking torque independently of the marking speed. This reduces the strain on the product and ensures perfect synchronization even for small product diameters.

Recommended for machines used for marking products of low mechanical strength.



### **Electronically synchronized marking system drive. Option SGM**

A remote tacho generator supplies a control signal for synchronizing the printing wheels to the product. The power supply and control electronics are housed in a separate control cabinet.

### **Inking Rollers**

Etched rollers for inking the rubber plates of flexographic machines.

### **Rubber Plates**

Plug-in plates for easy legend assembly on flexographic machines.

Individual letters and custom type plates are available.



### **Rubber Transfer Rings**

Rings made of optimum-grade rubber are available for many applications.

Standard sizes for OFD:

160 dia. mm x 8 mm (6 mm)



### **Ink Wipers**

Polyamide wipers for printing discs or inking rollers.

Several ink wipers are supplied with each flexographic marker.

However, we recommend to keep several replacement ink wipers for each printing disc and inking roller used.

### **Recommended Inks:**

M&S offset markers can be used with all commercial solvents and inks with a viscosity of approx. 50 to 150 seconds (as measured with a DIN 4-mm measurement cup).

Use inks containing low to medium volatility solvents only, in order to prevent premature pigment caking on the printing wheels.