

# WINKLER+ DÜNNEBIER W+D

## 200



## Modular Flexo Print Stand





# Modular Flexo Print Stand

HELIOS 200





Modular flexo print stand for the highest demands and flexibility

### Area of operation

- \* For printing uncoated and coated papers
- \* As standard for water based inks.
- \* Two printing widths: W+D 200N up to 380 mm  
W+D 200W-800 up to 790 mm
- \* W+D 200N For in-line use on reel fed machines  
W+D 102 RE  
W+D 202  
W+D 627
- \* W+D 200W-800 For in-line use on reel fed machines  
W+D 341  
W+D 349
- \* In the wide version perfect as Offline-Flexo printing machine for more flexibility in the production process
- \* Modular construction for between 3 and 6 colours depending on layout
- \* Suitable for close register as well as multiple colour process printing
- \* Optional intermediate and end drying

### Flexibility and performance

- \* W+D 200N up to 420 m/min web speed
- \* W+D 200W-800 up to 400 m/min web speed
- \* Constant web tension at infeed through separate pulling roller and individual drive
- \* Impression cylinder on each print unit with individual drive motor
- \* Plate cylinder with format gear
- \* Inside or outside printing possible on each print unit
- \* Delayed impression release for autoplate cleaning
- \* Dynamic printing pressure adjustment

### Product quality and operation

- \* Plate and anilox cylinders in sleeve design (Cantilever system)
- \* Format change without tools
- \* Fast ink change through simple exchange of all inking parts
- \* Printing units adjustable by keyboard: radial adjustments in 0.05 mm increments, print pressure as low as 0.02 mm increments
- \* Motorised print adjustment with absolute positioning
- \* Control monitor for input, controls and information
- \* Remote operator panel on print units
- \* Enclosed doctor blade system
- \* Good access to print units



### Standard Components



**Web aligner and pull roller**  
Web aligner and pull roller at web in-feed



**Doctor blade chamber print unit**  
Doctor blade chamber print unit with integrated ink return and drip tray



**Cantilever bearing**  
Manual hinged bearing



**Print unit adjustment**  
Motorised print unit adjustment



**Sleeve technology**  
Sleeve technology for anilox and plate cylinders



**Ink pumps**  
Electrically operated ink pumps



**Operation**  
Central operation for format input, control and information



**Remote operation direct at print units**



### Optional components



**NIR End Drier**

Near Infrared End drier - pull out design for easy maintenance



**NIR Intermediate Dryer**

Speed-controlled infra red intermediate dryers in cassette design



**Monitoring Panel**

Video web monitoring system supports fast register after size change



**Service cart for sleeves**

Service cart to store anilox and plate cylinder sleeves for (6) print decks



**Service cart for doctor blade chambers**

Service cart to store doctor blade chambers and ink trays





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## W+D 200 N technical data

### Performance

- \* Speed  
max. 420 m/min

### Paper

- \* Paper quality  
60-120 g/m<sup>2</sup> (16-32 substance)
- \* Web width  
max. 390 mm (15 11/32")  
min. 145 mm (5 23/32")

### Printing area

- \* Printing width  
max. 380 mm (14 31/32")
- \* Printing length  
max. 390 mm (15 11/32")
- \* Format diameter 2-up  
max. 67 mm (2 5/8")  
min. 54 mm (2 1/8")
- \* Format diameter 1-up  
max. 124 mm (4 7/8")  
min. 68 mm (2 11/16")

### Connected loads

- \* Basic machine  
45 kVA
- \* NIR-dryer for 6 colours  
93 KW
- \* Compressed air consumption  
6 bar

### Dimensions of W+D 200 N3-colour

- \* Length  
approx. 1,850 mm

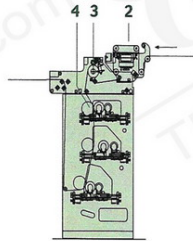
- \* Width  
approx. 4,300 mm

- \* Height  
approx. 3,200 mm

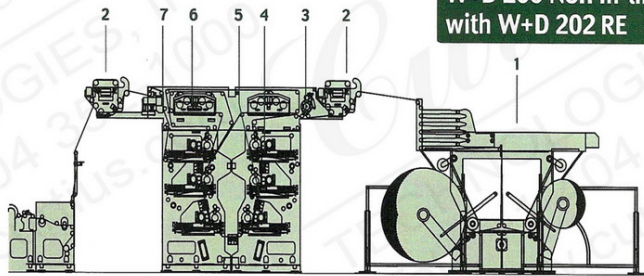


### Machine Layouts

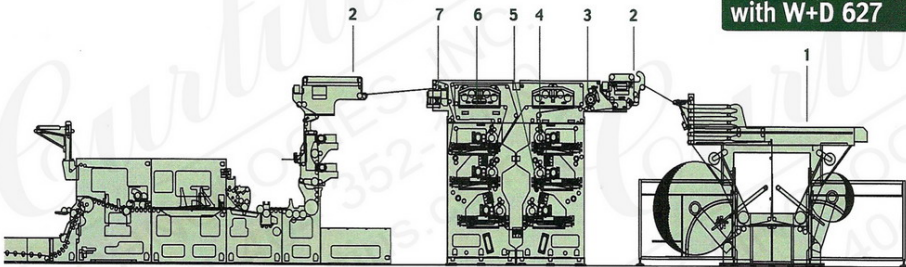
- 01 Paper reel splicer W+D 191
- 02 Web aligning system
- 03 Pulling roller
- 04 Print unit
- 05 Intermediate drying
- 06 End drying
- 07 Web monitoring



**W+D 200 N3R**



**W+D 200 N6R In-line  
with W+D 202 RE**



**W+D 200 N6R In-line  
with W+D 627**





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### W+D 200W-800 technical data

#### Performance

- \* Speed  
max. 400 m/min

#### Paper

- \* Paper quality  
70-180 g/m<sup>2</sup> (18,5-48 substance)
- \* Web width  
max. 800 mm (31 1/2")  
min. 175 mm (6 7/8")

#### Printing area

- \* Printing width  
max. 790 mm (31")
- \* Printing length  
max. 560 mm (22 1/16")
- \* Format diameter 2-up  
max. 77 mm (3 1/32")  
min. 55 mm (2 5/32")
- \* Format diameter 1-up  
max. 178 mm (7")  
min. 78 mm (3 1/16")

#### Connected loads

- \* Basic machine  
45 kVA
- \* NIR-dryer for 6 colours  
154 KW
- \* Compressed air consumption  
6 bar

#### Dimensions of W+D 200 W3-colour

- \* Length  
approx. 2,370 mm
- \* Breite  
approx. 4,780 mm

- \* Höhe  
approx. 3,320 mm

#### Dimensions of W+D 200 W6-colour

- \* Length  
approx. 4,520 mm
- \* Width  
approx. 4,780 mm
- \* Height  
approx. 3,320 mm

