



# WG.2000

## PIVOTING WEB GUIDING SYSTEM



- ✓ Usually used on rotogravure and flexographic machines
- ✓ 37 mm/s max speed actuator
- ✓ Stepping motor for a quick and precise regulation
- ✓ Extremely compact design
- ✓ CAN bus network

WG is the pivoting frame series of web guiding system for controlling and align all kind of web. The adjustment geometry is fully inside the electromechanical system and the webguide can be applied in different positions so that all possible web paths can be used. All pivoting frames are equipped with the latest generation stepping motors to guarantee a very quick and precise movement and zero maintenance.

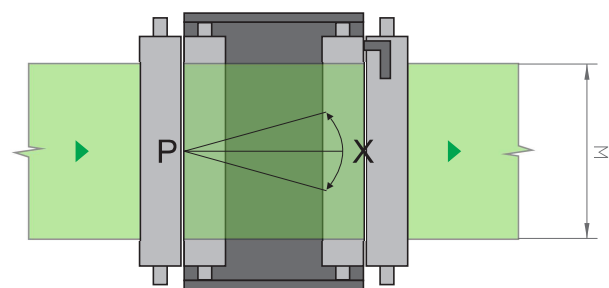
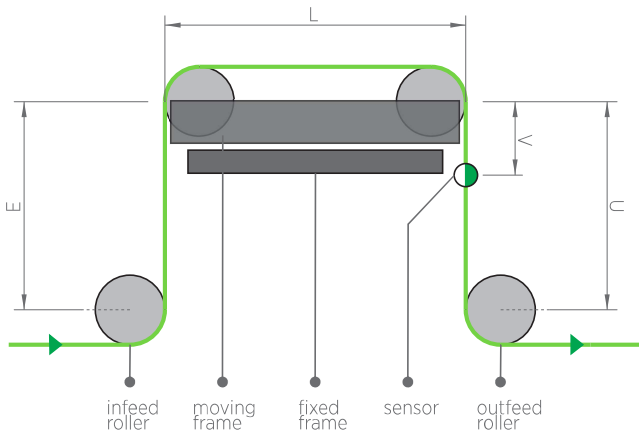
**WG.2000** is the largest model of the series and is usually used on rotogravure and flexographic machines or when the web is larger than 800 mm.

**Sensors:** the system can be used with both infrared or ultrasonic sensors to detect the edge, and with optical sensor to detect line or edge, of all kind of materials.

**Controller:** WG.2000 can be used with both ReSmart technology, using MWG10.1 controller, and SmartMotion technology, using WLiigo controller.

**Network:** To guarantee a perfect network and communication, eventual external modules of the system (such as a remote keyboard or another web guide unit) are connected with the Re CAN bus interface that also guarantees an increased level of security interference.

## TECHNICAL DRAWING



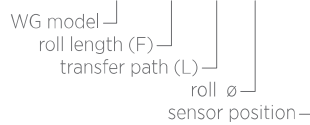
E	infeed path	P	pivot point
F	roll length	U	outfeed path
L	transfer path	V	sensor distance
M	material width	X	guide angle

### Selection model table

F \ L	700	800	900	1000	1200	1300	1400	1500	1600	1700
800	V									
900		V								
1000			V							
1100				V						
1200				V						
1300				V						
1400					V					
1500						V				
1600						V				
1700							V			
1800								V		
1900									V	
2000										V

\* for other model contact our technical dpt.

WG.2000.xxx.xxx.xx DX/SX



### Optional

Roller: black tape surface  
tape rubber surface  
cork tape surface

### Functioning

Re pivoting web guiding systems have a mobile frame that rotates around a virtual axis, called pivot, which is the ideal rotation axis, allowing for greater adjustment precision. The material elasticity module determines the space needed to infeed and outfeed material from the web guide, which is at least 3/4 the maximum width of the web. (E and U = 3/4 M max)

## TECHNICAL CHARACTERISTICS

Power supply	24 Vdc
Power consumption	4 A
Actuator stroke	± 25 ÷ ± 50 mm
Actuator speed	min 1 mm/s - max 37 mm/s
Frame speed	min 1 mm/s - max 40 mm/s
Roll length F	see table
Transfer path L	see table
Roller diameter	100 mm ÷ 150 mm
Max web tension	3800 N
Working temperature	10÷50° C
Technology	Resmart (MWG10.1 keypad) SmartMotion (WLIgo keypad)

\*Data are subject to technical change without notice



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