

EURDOW · SINCE 2009

Precision web guiding systems

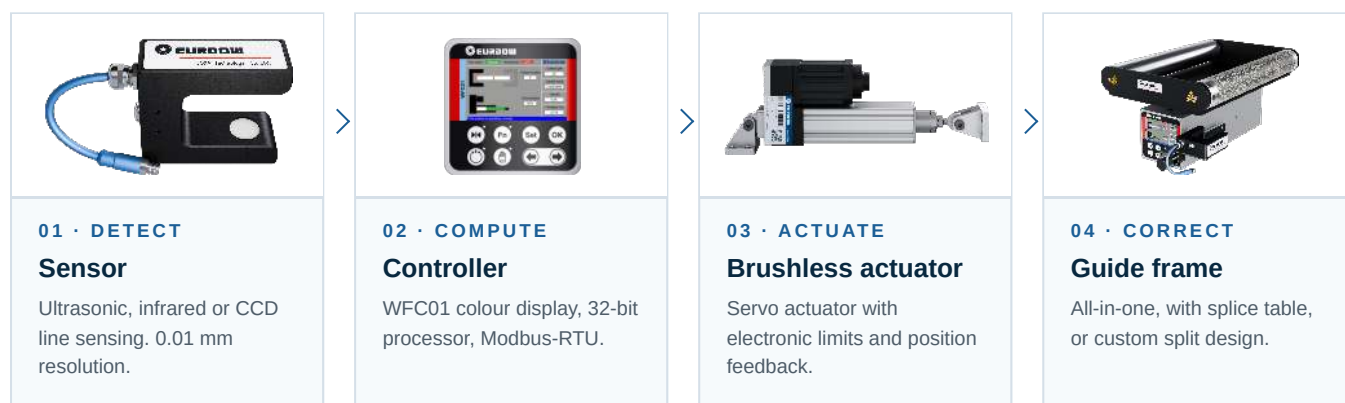
Complete web guiding systems, engineered and manufactured in-house — from sensors and controllers to brushless actuators and guide frames. Precise, fast and built for continuous production.



±0.1 mm Guiding accuracy	2 ms Sensor & controller response	2500 N Actuator thrust	12 MONTHS Warranty
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ONE SYSTEM, ONE SUPPLIER

Four components, one closed loop



PROVEN IN PRODUCTION

Flexible packaging	Label converting	Printing & packaging	Film extrusion & slitting	Paper
Nonwovens	Lithium battery electrode	Aluminium & copper foil		

Need a web guiding solution?

Send us your **material**, **web width**, **line speed** and **installation position** — we will recommend the right configuration for your application.

WUHAN JOXA TECHNOLOGY CO., LTD.

EURDOW WEB GUIDING SYSTEMS

In-house R&D and manufacturing · CE certified since 2017
National High-Tech Enterprise · Gazelle Enterprise

WEB

www.eurdow.com

EMAIL

sales@eurdow.com

MOBILE

+86 181 1269 0519

WhatsApp & WeChat

SCAN TO WHATSAPP



Choose your system in one page

SELECTION GUIDE

■ Controllers

WFC01
Colour display,
tactile keys.

WFC02
Capacitive touch,
graphic interface.

Both models	Specification
Response time	≤ 2 ms
Guiding accuracy	± 0.1 mm
Sensor inputs	2 × digital
Max. actuator output	240 W
Digital I/O	6 programmable channels
Communication	RS485, Modbus-RTU
Guiding modes	Edge · centre · line · oscillation · multi-layer
Supply	24 V DC · 0–50 °C

■ Sensors — select by material

EDS-02 Ultrasonic
Transparent film, glossy foil, coated webs

EDR-02 Infrared
Textiles, nonwovens, open-mesh material

EDV-01 CCD line
Printed line / printed edge tracking

Material	Recommended	Why
Transparent film	EDS-02 ultrasonic	Infrared passes through the web — no usable edge signal
Paper, foil, opaque web	Either type	Both principles detect the edge reliably
Highly reflective foil	EDS-02 ultrasonic	Specular reflection can blind an infrared sensor
Textile, nonwoven, mesh	EDR-02 infrared	Ultrasound passes through porous material
Printed pattern / register	EDV-01 CCD	Tracks the printed line, not the physical edge

■ Actuators — WU2000 Series

Model	Thrust	Stroke	Speed
WU2000-50	2500 N	± 25 mm	38 mm/s
WU2000-100	2500 N	± 50 mm	38 mm/s
WU2000-150	2500 N	± 75 mm	38 mm/s
WU2000-200	2500 N	± 100 mm	38 mm/s
WU2000-260	2500 N	± 130 mm	38 mm/s

■ All-in-one guide frames

Web width	Roller Ø	Roller span	Frame height
200 – 300 mm	60 mm	250 mm	227 mm
350 – 500 mm	60 mm	300 mm	227 mm
550 – 650 mm	60 mm	350 mm	227 mm
700 – 750 mm	75 mm	350 mm	242 mm
> 750 mm	Split-type frame, engineered to order		

WHAT WE NEED TO SELECT YOUR SYSTEM

01 Material Film · paper · foil · textile	02 Web width Max. width on the line	03 Line speed Normal and max. m/min	04 Guiding reference Edge · centre · printed line	05 Installation Installation point + machine photo
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Send us these details and we'll recommend the right configuration.