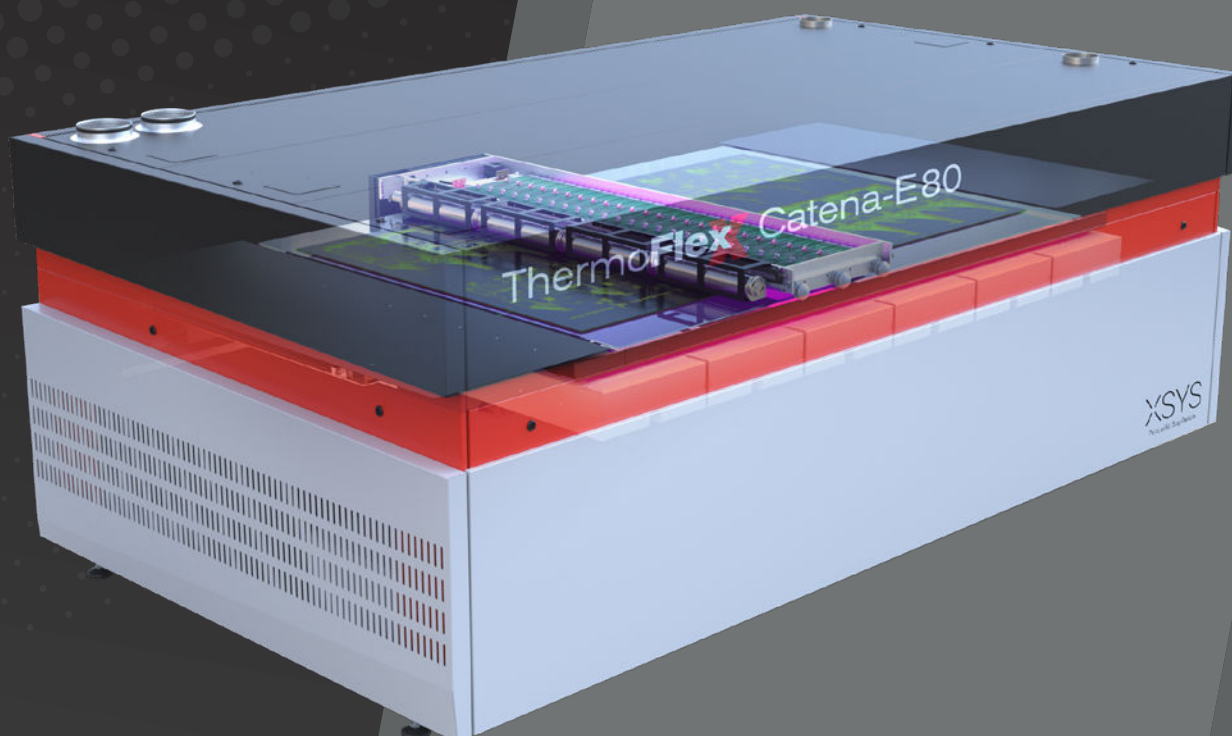


XSYS

Print solid. Stay flexible.

ThermoFlex

 **Catena**
E 80



Be
brilliant.

CONTROLLED ENCLOSED ENVIRONMENT

Catena-E systems feature an automatic cover to keep dust away from the plate. Catena-E has a fully controlled internal environment with controlled air circulation, extraction and water cooling to ensure truly consistent exposures from plate to plate, year to year.

OPEN, CHOOSE HOW YOU USE CATENA-E

Catena-E presents the opportunity for total optimisation of main and back plate exposure. Users can choose to have a XSYS technician finalise and secure settings for the easiest of operation. Or, with training, experienced users can fine tune their own parameters to add value through their own expertise.

HIGHEST QUALITY FLAT-TOP-DOT PLATES

ThermoFlexX Catena-E uses latest technology high-power LED's to eliminate oxygen effects in flexo plate making. Catena-E provides precise image reproduction and fine relief elements for the highest possible flexo print quality. Perfect for imaging the finest Surface Micro Structures such as Woodpecker Nano.

BUILT FOR SERVICEABILITY

Should LED replacement be found necessary, modules are reasonably priced and easy to replace with basic training. This ensures the highest possible levels of exposure consistency coupled with low cost of ownership with a built-in measurement system for main and back exposure.

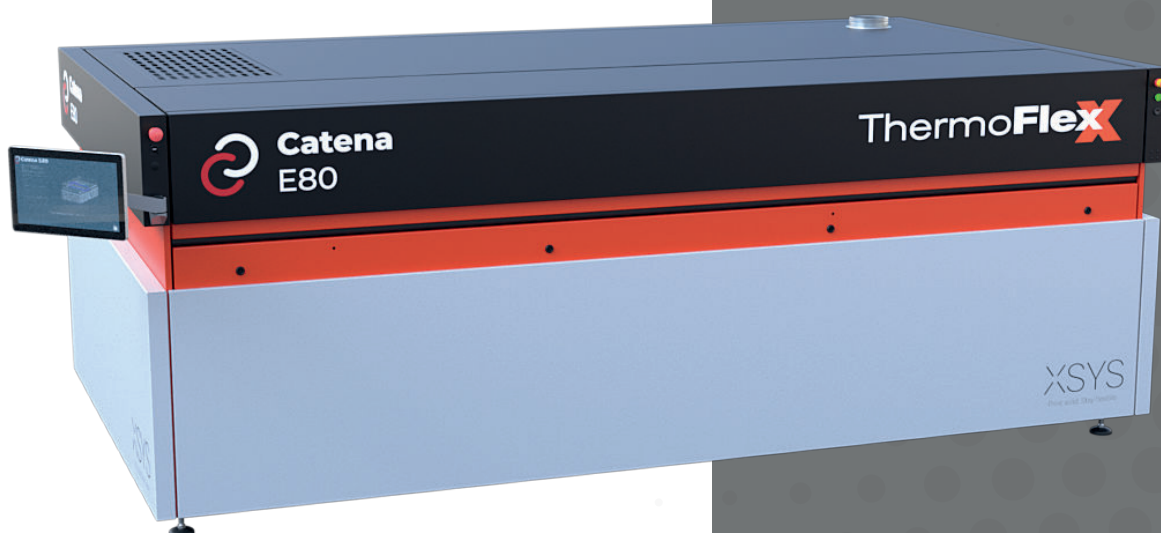
Be
brilliant.

ThermoFlexX

Catena E 80

- ThermoFlexX Catena-E 80 uses latest technology high-power LED's for the main exposure process in order to eliminate oxygen effects in flexo plate making.
- Catena-E provides precise image reproduction and fine relief elements for the highest possible.
- Perfect for imaging the finest Surface Micro Structures such as Woodpecker Nano.

**FTD'S ENSURED
ON EVERY
PLATE**



ThermoFlex

Catena - E 80

Exposing system or flexo plates

AUTO LED QUALITY CHECK
ENSURES CONSISTENCY

Both main and back exposure LED outputs are checked for consistent output. This can also be done remotely, enhancing support capability.

SUPER STABLE
LONG-LIFE LEDS

Extremely stable LEDs are used. They are fully tested to 10,000 operating hours and beyond. The LED's are instantaneously stable, thus no warm-up time is necessary.

FAST EXPOSURES
FOR ALL PLATES

Powerful LEDs and full coverage back exposure ensure that Catena-E is fast enough to keep pace with TFxX80D, the most productive LAMs imager available today, even for the thickest plates.

PRECISION FLOORS

Unlike standard tube exposure, LED technology provides instant, stable output without the need for warm-up time. Additionally, the back-exposure bed is larger than the plate, ensuring uniform energy distribution across the entire surface. As a result, flexo plate floors achieve an unprecedented level of precision with the Catena-E.

Technical Data	Catena-E 80
Maximum plate size (W x L) (mm/inch)	1270 x 2032mm/50 x 80"
Electrical connection	380V 3ø N+PE 50 / 60Hz 25A
UVA-LED	Main: Traversing 24 UV LED modules Back: Full coverage 24 UV LED modules
Extraction	Connection diameter 160 mm 600 m3/h flow
Maximum Plate thickness (mm/inch)	7mm/0.276"
Weight	1500kg/3300lbs
Dimensions (W x D x H) (mm/inch)	3550mm, 140"/1960mm, 77" / 1350mm, 53" 2000mm, 79" lid open
Crate dimensions (W x D x H) (mm/inch)	3800mm, 150"/2210mm, 87"/ 1600mm, 63"

Please contact us for additional information.
info@xsysglobal.com • www.xsysglobal.com

Our technical documents are designed to inform and guide our customers. The information provided herein is accurate to the best of XSYS's knowledge; however, we accept no liability for any errors, inaccuracies, or opinions expressed. Customers are responsible for determining the suitability of this product for their specific application. XSYS assumes no responsibility for any loss incurred as a result of reliance on the information contained in this document. Product names followed by ® are registered trademarks of XSYS Germany GmbH and/or its affiliates.

