

Catena DL

FV size dryer & light-finisher
unit for flexo plates



Individually Controlled Dryer Sections

- + Independent heaters, sensor control and ventilation for all 6 dryer sections. This ensures exact temperature and timings for all plates. Only required stations need to be active for economic operation if only a few sections are required.

Precision Light Finishing

- + UVA and UVC lamps are monitored and controlled to ensure ultimate consistency from plate to plate. Sensors test intensity before each plate and tubes are monitored to ensure timely replacement when necessary. A record of lamp performance can be available for every plate for ultimate QC tracking.

ThermoFlexX Monitoring

- + All critical information such as motor current, controllers, operating conditions and working temperatures are monitored. This information can be stored and made available for total plate QC records. ThermoFlexX ProServeX provides a cloud-based, constant monitoring service of all key components throughout the range. A brand-new level of predictive maintenance with online support is available. The need for physical service-interventions is minimised.

ThermoFlexX Graphical User Interface

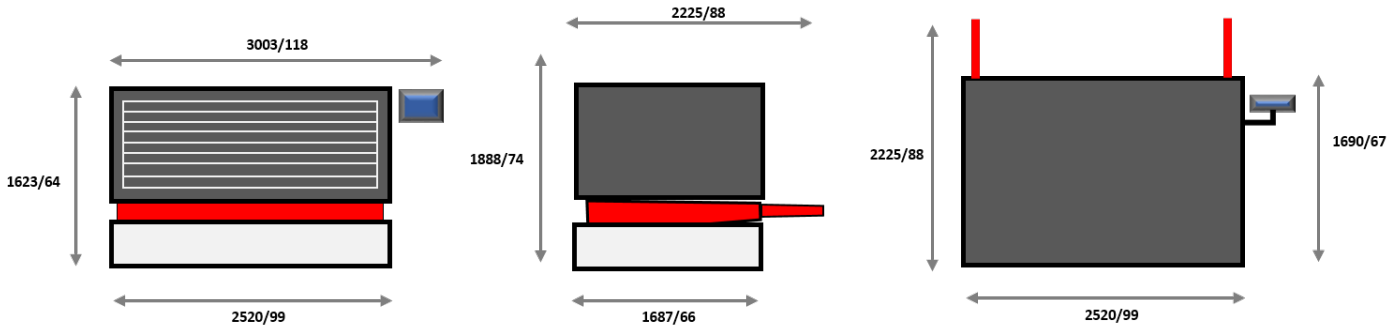
- + New levels of information and plate production progress are displayed on stylish monitors on each Catena unit. ThermoFlexX Smart communications integrates imager, LED exposure, washer and dryer.

Operator Safety and Convenience

- + A unique plate lift and a carrier tray for each section makes it easy for a single operator to handle the largest plates. All drawers can easily be used with no strain. With a Catena-W wash-out unit, the shuttle ensures easy transport of plates for loading into the dryer section via the lift. This avoids both the risk of damage or the operator having to handle solvent wet plates.

Technical Specifications

Dimensions mm/inch



Technical Data

Catena DL

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| Maximum plate size (W x L) (mm/inch) | 1320x2032mm/52x80" |
| Electrical connection | 380V 3Ø N+PE 50 / 60Hz 20A |
| Extraction | 1 x 160mm from dryers 50m ³ /h 1 x 160mm from LF 900m ³ /h |
| Maximum Plate thickness (mm/inch) | 7mm/0.276" |
| Weight | 1800kg /3960lbs |
| Dimensions (W x D x H) (mm/inch) | 2520mm, 3003mm inc. monitor (99/118") 1687mm, 3150mm inc. lift arms (66/124") 1623mm, 1888mm lift arms up (64/74") |
| Crate dimensions (W x D x H) (mm/inch) | 2118x2770x2060mm / 83x109x81" |

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info@xsyglobal.com • www.xsyglobal.com

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