



Hot Air Sterliser Ovens



Product Codes ..

HAS/50/TDIG, HAS/75/TDIG, HAS/100/TDIG, HAS/125/TDIG, HAS/150/TDIG, HAS/200/TDIG, HAS/250/TDIG, HAS/350/TDIG, HAS/425/TDIG, HAS/500/TDIG, HAS/650/TDIG, HAS/750/TDIG, HAS/850/TDIG, HAS/1000/TDIG,

Temperature Specifications

Working Range	40°C to 250°C (50-200L ranges) / 50°C to 250°C (250-1000L ranges)
Accuracy	< 0.8°C
Resolution	0.1°C
Temperature Sensor	Duplex Pt100B 2+2 wire
Display	°C or °F

Model	Stability@150°C (+/-°C)	Uniformity @150°C (+/-°C)	Heat Up Time* (Mins)	Recovery Time* * (Mins)
HAS/50	0.6	4.5	30	6
HAS/75	0.6	4.5	30	6
HAS/100	0.6	4.5	35	6
HAS/125	0.6	4.5	35	6
HAS/150	0.6	4.5	35	6
HAS/200	0.6	4.5	35	6
HAS/250	0.7	4.5	40	6
HAS/350	0.7	4.5	40	6
HAS/425	0.7	4.5	45	6
HAS/500	0.7	4.5	50	6
HAS/650	0.7	4.5	30	6
HAS/750	0.7	4.5	35	6
HAS/850	0.7	4.5	35	6
HAS/1000	0.7	4.5	35	6

* Heat Up Time

** Recovery Time

Ambient to150°C

Door opened for 30 seconds @ 150°C

Controller Specifications

Colour Touch Screen	3.2in
Control	PID with fuzzy logic
Independent Overheat Shut Down	Manual or Automatic Reset
Onscreen Historical Trending	Up to 48 Hours
On power failure	Selectable Standby Mode or Continuous Run Mode
Calibration	Linear Offset or Zero / Span
Timer	Interactive Count Down Timer
Indicator/AWA	Upto 5000Mins (start/pause on setpoint band)
Language selectable	Sterlisatiion Cycle Complete
Diagnostics	English/German/Spanish/French/Portuguese
Energy Meter	On screen fault analysis
Data Storage/Export	Integral kWh meter
	Optional extra, USB output with 17000 samples (48 hours @ 10 sec sample/60 days @ 300 sec sample)

Environmental Specifications

Working Operational Range	5°C to 40°C
Working Humidity	Max 70% RH, non-condensing
Sound Level	< 48dB (A)
Environment	Indoor Use Only
Altitude	Up to 2000m
IP Rating	IP20
Clearance	Minimum 5cm all sides and rear
	Minimum 10 cm above for ventilation

Electrical Specifications

Model Code	Voltage 50/60Hz	Wattage W	Max Current Amps	Max Temp °C		Electrical Connection
				@ 20% power	@ 30% Power	
HAS/50	230V	750	3.5	100	140	3 Pin IEC Plug
HAS/75	230V	1000	4.5	110	150	3 Pin IEC Plug
HAS/100	230V	1000	4.5	100	135	3 Pin IEC Plug
HAS/125	230V	1500	6.5	140	180	3 Pin IEC Plug
HAS/150	230V	1500	6.5	125	175	3 Pin IEC Plug
HAS/200	230V	2000	8.5	120	180	3 Pin IEC Plug
HAS/250	230V	2000	8.5	100	135	3 Pin IEC Plug
HAS/350	230V	2500	11	100	140	3 Pin IEC Plug
HAS/425	230V	3000	13.5	115	155	3 Pin 16A Plug
HAS/500	230V	3000	13.5	100	140	3 Pin 16A Plug
HAS/650	415V	6000	9	115	155	5 Pin 16A Plug
HAS/750	415V	6000	9	110	135	5 Pin 16A Plug
HAS/850	415V	6000	9	105	135	5 Pin 16A Plug
HAS/1000	415V	6000	9	100	130	5 Pin 16A Plug

Internal Design

Model Code	No. of Shelves		Shelf Size mm	Shelf Rating Kg	Max Oven Load Kg	Additional Shelf Code
	Standard	Max				
HAS/50	2	3	356 x 318	25	60	A2407
HAS/75	2	3	483 x 292	25	60	A2408
HAS/100	3	4	483 x 406	25	75	A2410
HAS/125	3	5	483 x 406	25	75	A2410
HAS/150	3	5	483 x 515	25	75	A2450
HAS/200	4	7	483 x 515	25	75	A2450
HAS/250	5	7	508 x 495	25	100	A2413
HAS/350	5	7	610 x 610	25	100	A2425
HAS/425	5	7	762 X 610	25	125	A2438
HAS/500	5	9	762 X 610	25	150	A2438
HAS/650	5	9	762 X 762	25	150	A2442
HAS/750	5	10	762 X 762	25	150	A2442
HAS/850	5	11	762 X 762	25	150	A2442
HAS/1000	5	11	762 X 915	25	150	A2463

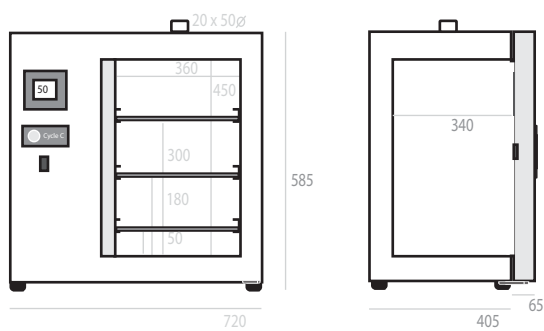
Build Construction

External	Powder Coated Zintec
Colour	RAL 7035
Internal	304 Stainless Steel
Door Gasket	High Consistency Silicone Rubber - PR 780 / 60, Max temp 320 °C

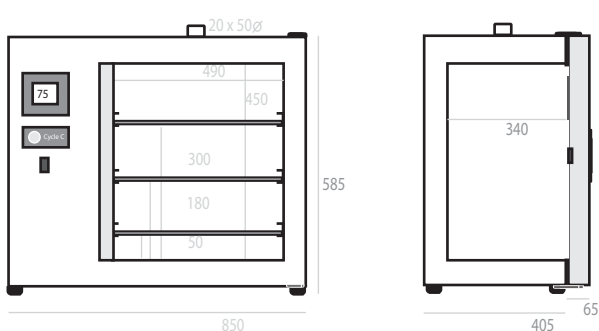
*All technical data is specified when tested at an ambient of 20°C

Dimensions - Hot Air Sterliser Ovens

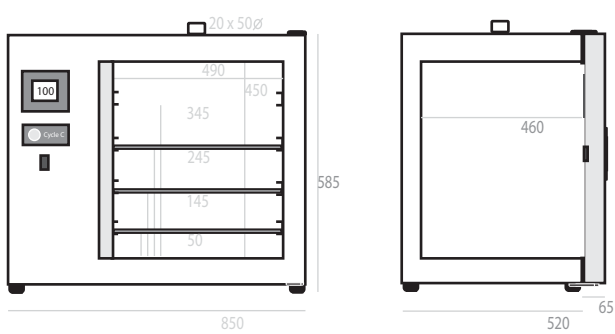
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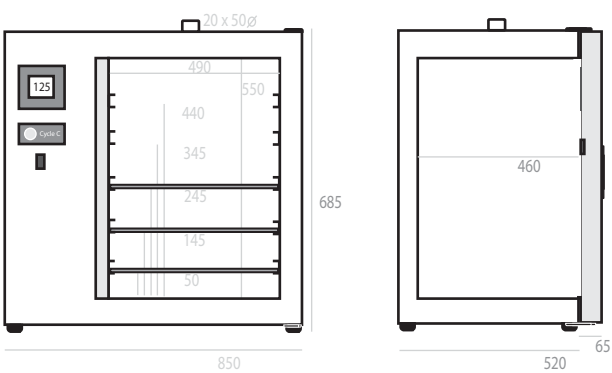
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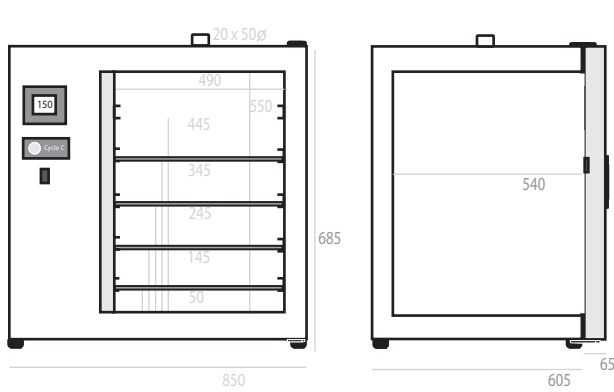
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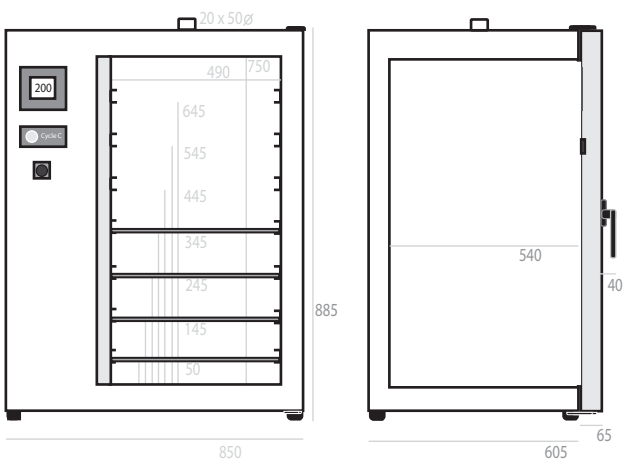
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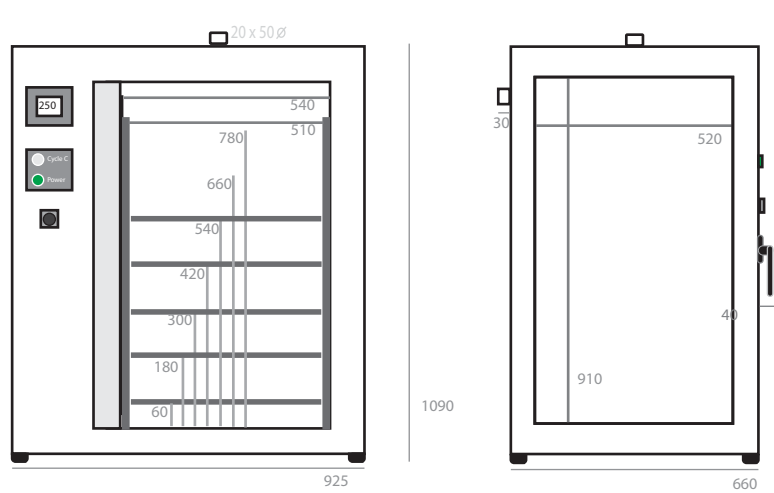
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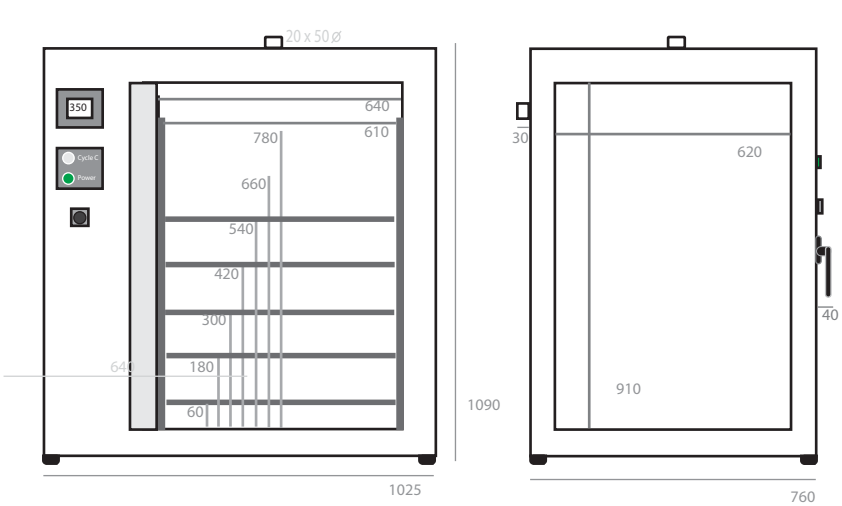
HAS/200



HAS/250

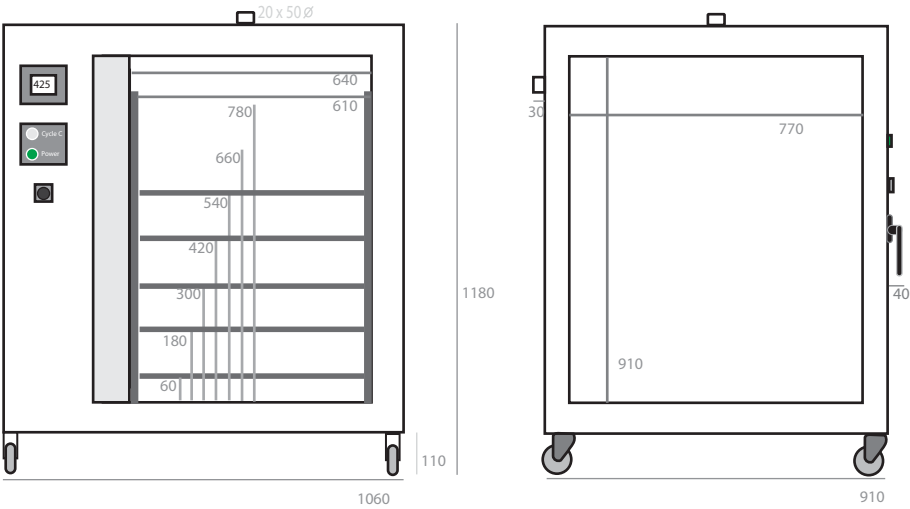


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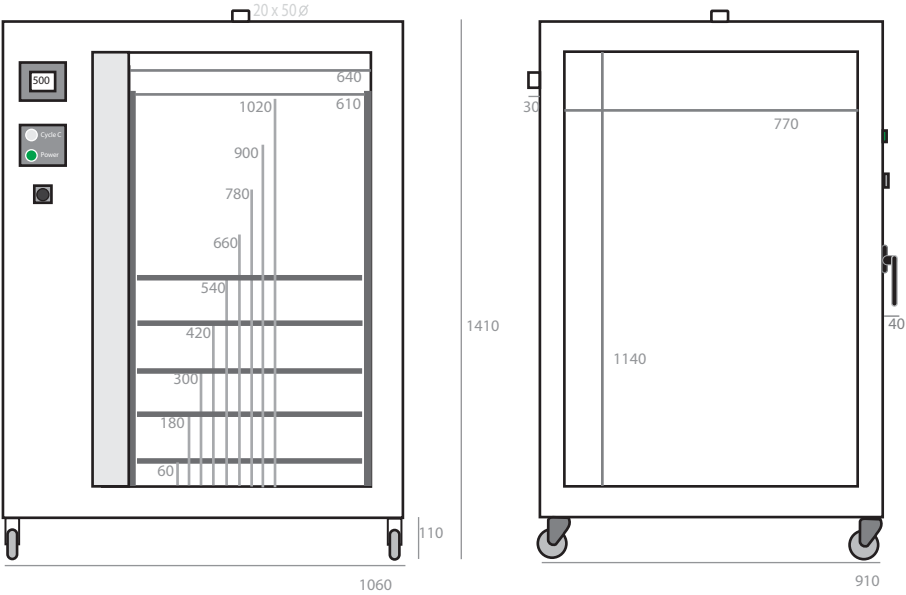


Dimensions - Hot Air Sterliser Ovens

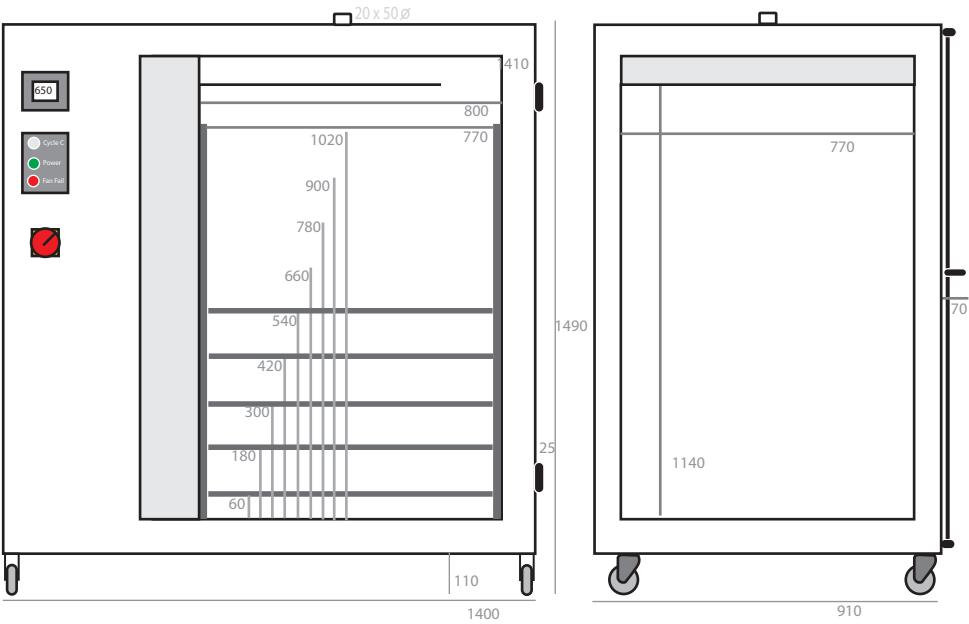
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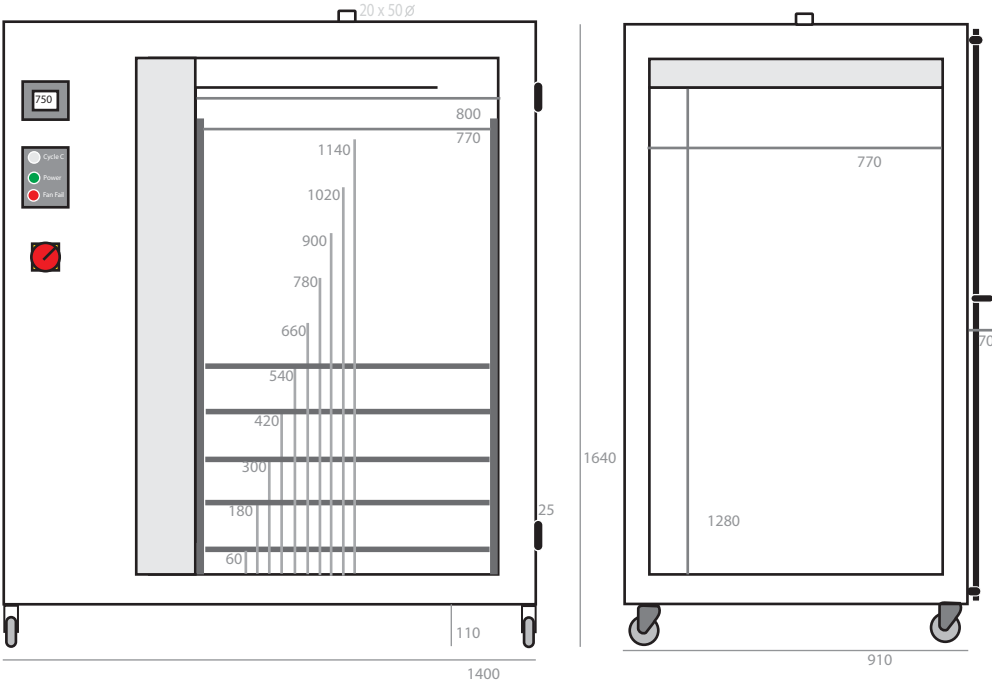
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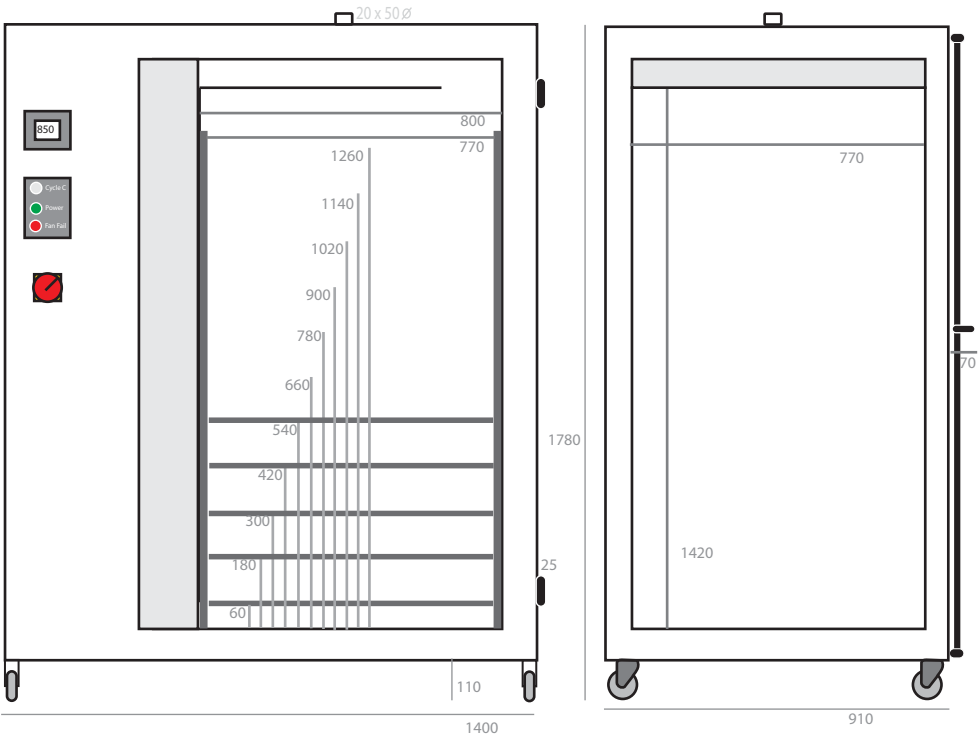
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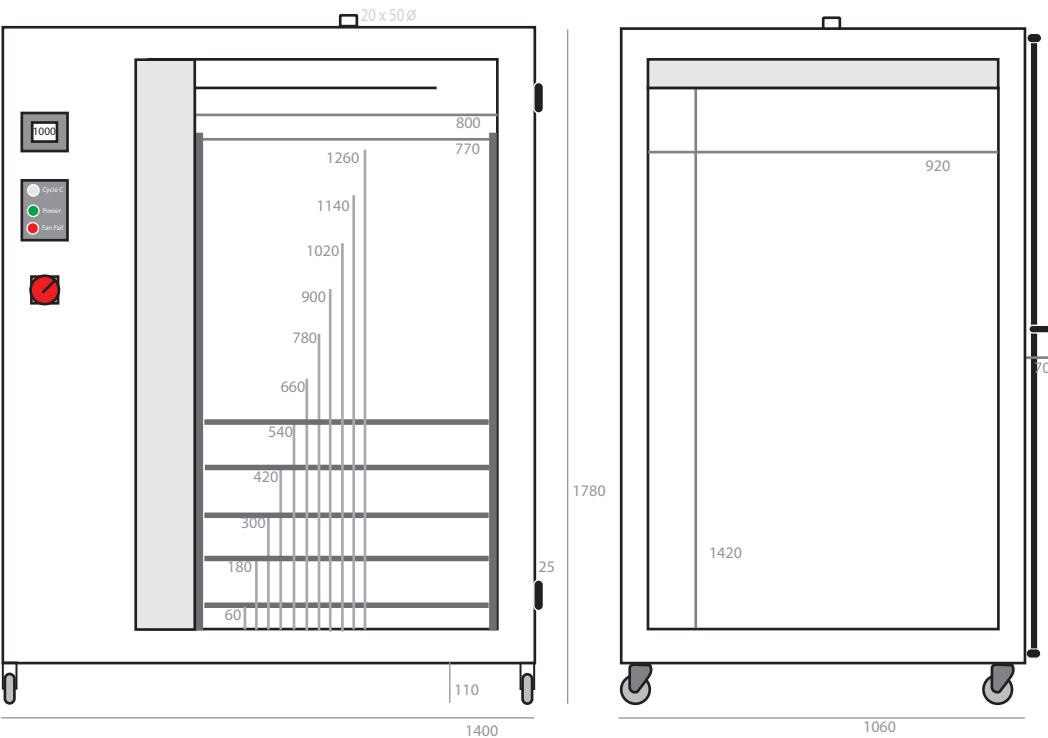
HAS/750



HAS/850



HAS/1000





HS Commodity Code
Low Voltage Directive
EMC Directive
Machinery Directive
RoHS Directive
Approval Standards

85141100000
2014/35/EU
2014/30/EU
EU Machinery Regulation (EU) 2023/1230
2023/1437EU
EN 61010-1:2010/A1:2019
BS EN IEC 61000-6-1:2019
BS EN IEC 61000-3 2020
BS EN IEC 61000-6-4:2019
BS EN 60204-1:2018+A1:2025
BS-EN7671
BS-EN61439-2
BS-EN13849

