

EXTRUDER 20 - LOW PRESSURE LABORATORY SCREEN EXTRUDER



TECHNICAL SPECIFICATIONS

MULTI BOWL EXTRUSION AND SPHERONIZATION KIT

THE CALEVA SCREEN EXTRUDER 20



Caleva laboratory low density
screen Extruder 20



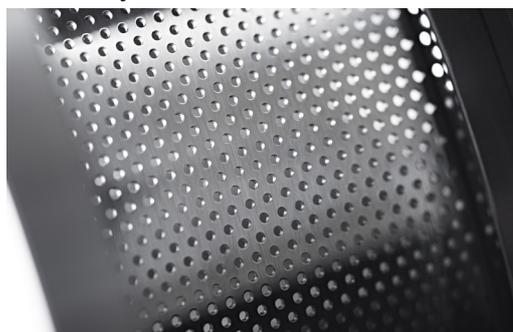
Extruder 20 rollers and extruder screen

Output	Batches suitable for the MBS spheronizer can be completed in a few minutes
Mechanical information	
Size	Approximately 470w x 420h x 470d mm
Weight	Approximately 23 Kg
Cabinet	Brushed type 304 Stainless Steel
Product Contact	316 stainless steel FDA food approved plastics
Extrusion screen	150 mm diameter
Full height	65 mm high (total), 46 mm open (screen)
Reduced height	35 mm high (total), 18 mm open (screen)
Screen holes	Supplied with 1mm diameter as standard Available from 0.5mm to 2.0 mm Screens with 2mm depth holes are available
Screw speed	15 to 35 rpm (operator controlled)
Product feed	Manual with loading tray
Product output	To a removable tray
Electrical information	
Motor power	180 W AC motor
Electrical supply	110/120 or 220/240 Volts AC. Voltage to be selected at time of order
Controls	Integrated in cabinet - Stop/start button - Power on indicator - Motor on indicator - RPM indicator - RPM adjustment
E stop	Situated on top of cabinet
Compliance	Fully GLP/GMP compliant with IQ/OQ available
CE marking	As standard

Full height and reduced
height screens

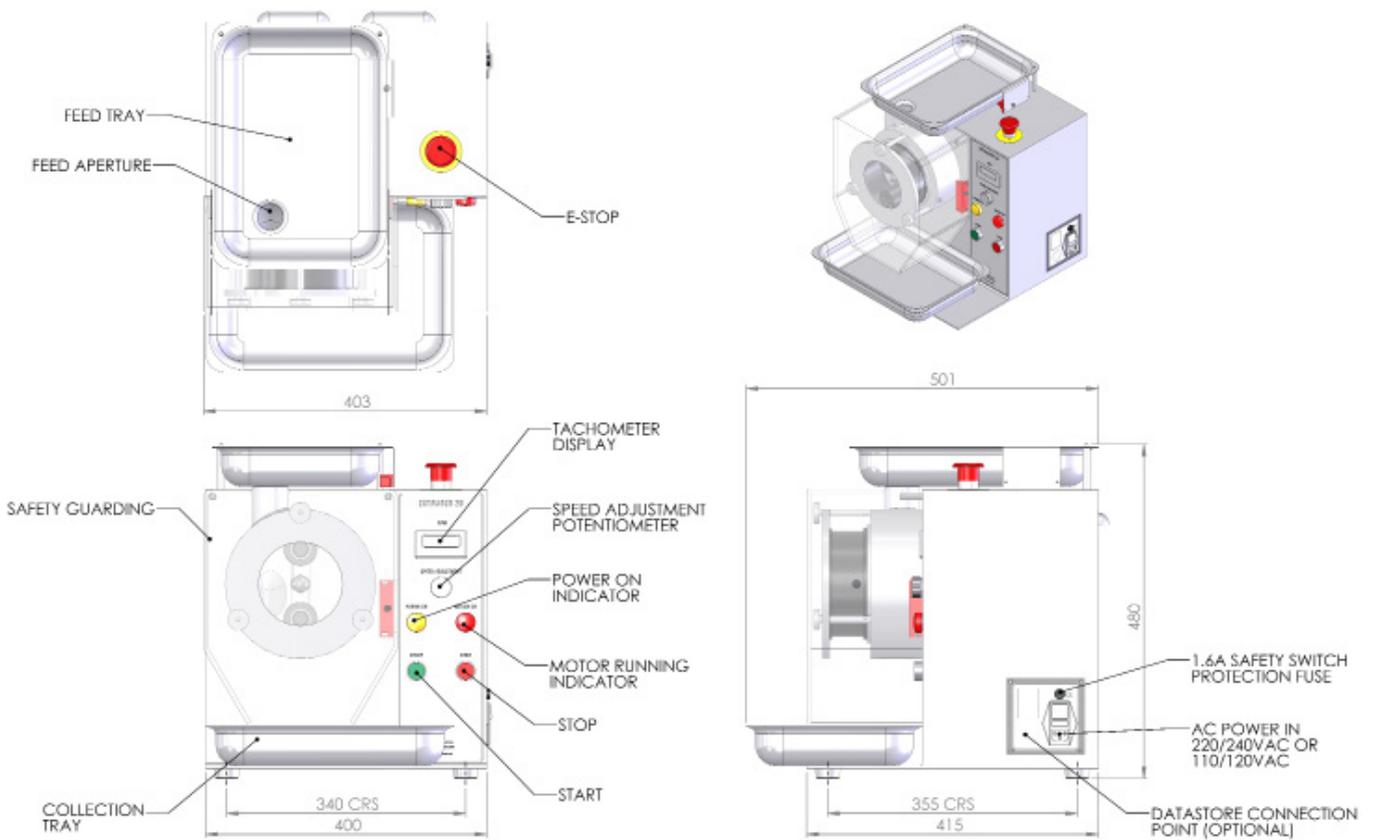


Individually drilled holes in a Caleva screen



SCREEN EXTRUDER 20

General arrangement diagram



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Certificate Number: 1503

MULTI BOWL SPHERONIZER 250/120



MULTI BOWL EXTRUSION AND SPHERONIZATION KIT

TECHNICAL SPECIFICATIONS



THE CALEVA MULTI BOWL SPHERONIZER 250/120

Batch size capacity guide	250 mm diameter bowl - 150 g to 1 kg 120 mm diameter bowl - 15 g to 150 g 85 mm diameter bowl - 5 g to 15 g 60 mm diameter bowl - from 1 g
Nominal through-put	About 10 kg per hour (largest bowl)

Mechanical information

Size	Approximately 50w x 30h x 52d mm
Weight	Approximately 45 Kg
Cabinet	Brushed Type 304 Stainless Steel
Product Contact Standard disc spheronizer disc	316 stainless steel and polycarbonate One 3 mm x 3 mm cross hatch pattern disc supplied as standard with other patterns available as required
Product feed	Manual through "easy load" funnel
Product discharge	Manually operated discharge door

Electrical information

Motor power	220 W AC motor
Electrical supply	110/220VAC, 50-60 Hz, 1 phase Voltage to be selected at time of order
Controls	Mounted on base unit
E-stop	Conveniently placed on base unit

Other features

Disc pattern	3x3 mm cross hatch (options available)
Safety	Fully safety interlocked
Discharge	Manually operated discharge door
Water Jacket	Fitted as standard
Automatic run timer	Fitted as standard
Fines air control	Fitted as standard

Options

Non stick coating	For use with sticky products
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Compliance

CE marking	Fully GLP/GMP compliant with IQ/OQ available As standard
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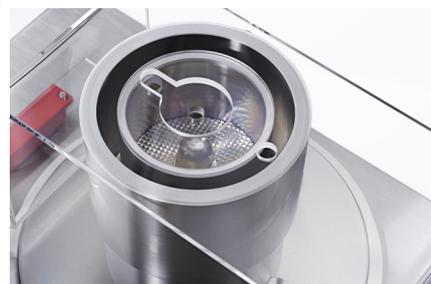


Multiple Bowl Options available only with the Caleva bench top spheronizer

Caleva MBS Spheronizer with a 120 mm diameter bowl attached



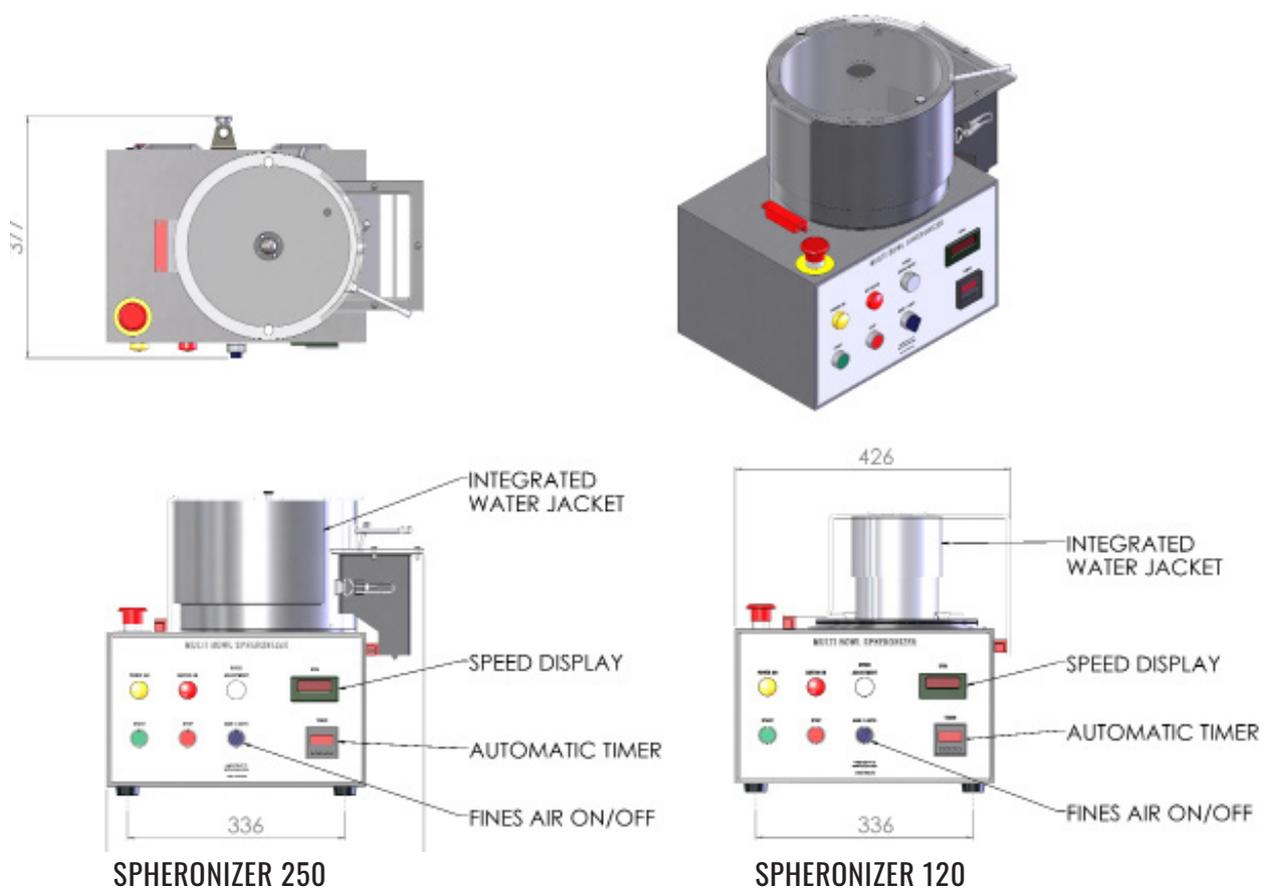
Caleva MBS with a 85 mm spheronizer bowl in place



CALEVA
MULTI BOWL EXTRUSION AND SPHERONIZATION KIT
MULTI BOWL SPHERONIZER 250/120

THE CALEVA MULTI BOWL SPHERONIZER 250/120

General arrangement diagram



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