

PRODUCTION SCREEN EXTRUDER 35



A COMPONENT OF THE CALEVA 50 KG
PER HOUR SPHERONIZATION SYSTEM

TECHNICAL SPECIFICATIONS

THE CALEVA PRODUCTION AND PILOT SCALE BASKET EXTRUDER 35



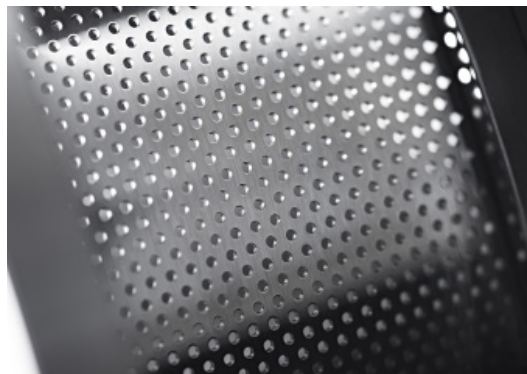
Caleva pilot scale and production
high capacity, low pressure, screen
Extruder 35

Output range	Approximately 3 kg per minute or 100 kg per hour (product dependant). High capacity , low pressure extrusion
Suitability	R&D, pilot scale and full production
Mechanical information	
Size	Approximately 700w x 1120h x 890d mm
Weight	Approximately 150 Kg
Cabinet	Brushed type 304 stainless steel
Product Contact	316 stainless steel, polycarbonate, FDA food approved plastics
Extrusion screen	Internal diameter 150 mm x 65 mm high Hole diameter from 0.5 mm to 2.0 mm
Rotation speed	30 to 100 rpm
Product feed	Manual from loading tray
Product output	Extrudate falls from the screen into a container (not supplied)
Discharge height	555 mm
Electrical information	
Motor power	2.2 kW AC motor
Electrical supply	400VAC 50Hz or 460VAC 60 Hz 3 phase
Controls	Mounted "easy to read" sloping surface
Information panel	- Stop, Start, E Stop, buttons - Indicator lights, power connected, motor running - Product temperature display (°C) - Rotational speed display (RPM) - Power usage display (%)
Other features	
Screen configuration	Circular screen (basket) type system
Screen hole range	Ø 0.5 to 2.0 mm (diameter) Ø 1.0 and 2.0 mm deep
Safety	Fully safety interlocked
Water Jacket	On rear of the extrusion chamber
CE marking	As standard, IQ/OQ available if required

Screen Extruder 35 control panel



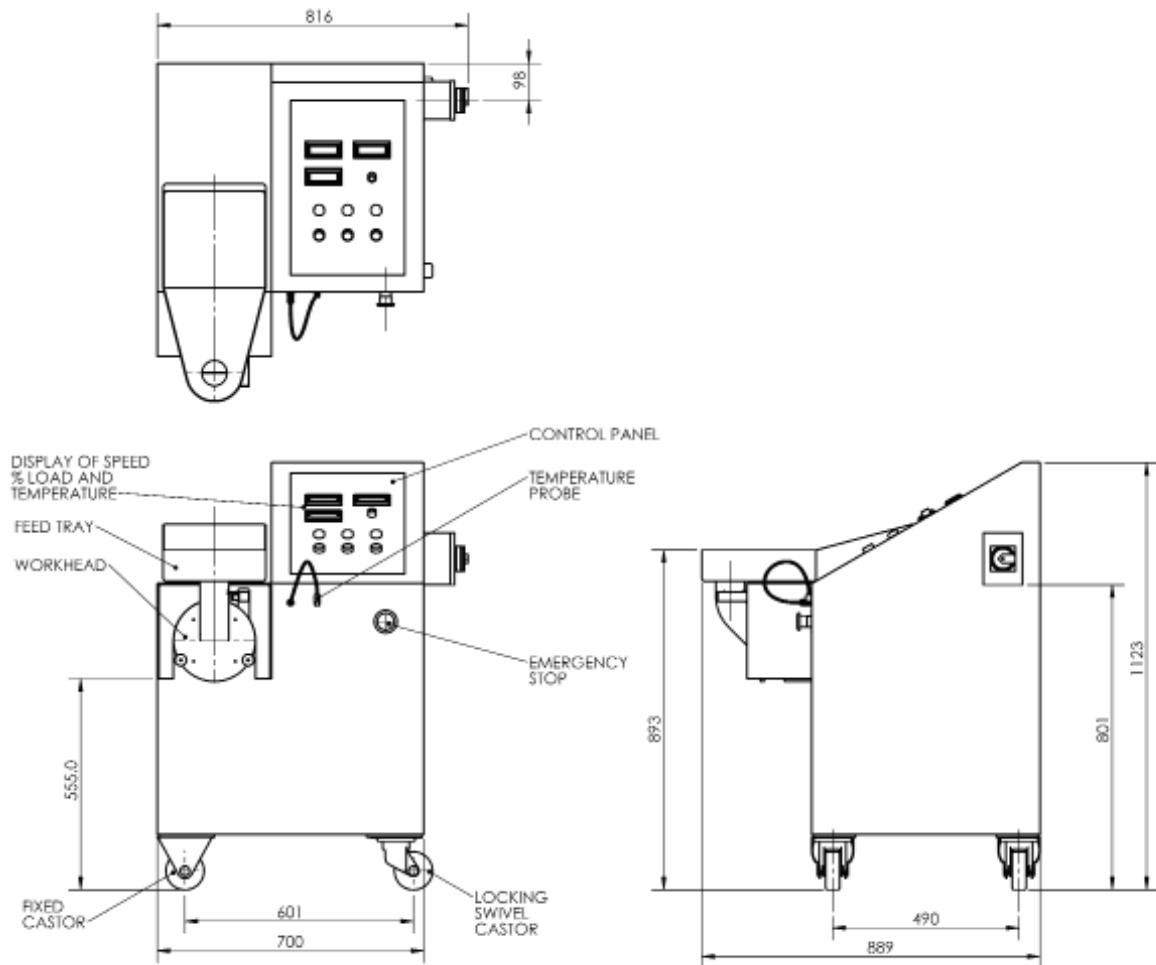
Screen Extruder 35 screen with drilled holes



CALEVA
100 KG PER HOUR EXTRUDER AND SPHERONIZER PRODUCTION SYSTEM
SCREEN EXTRUDER 35

CALEVA
EXTRUDER 35

General arrangement diagram
Weight approximately 150 kg



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Cert No. 1503
ISO 9001

Ver71010

SPHERONIZER 380



caleva

TECHNICAL SPECIFICATIONS

A COMPONENT OF THE CALEVA 50 KG
PER HOUR SPHERONIZATION SYSTEM

THE CALEVA PRODUCTION AND PILOT SCALE SPHERONIZER 380

Capacity guide 50 kg per hour
Batch sizes 250 g to 5 kg

Mechanical information

Size Approximately 1155w x 1500h x 660d mm
Weight Approximately 360 Kg
Cabinet Brushed Type 304 stainless steel
Product Contact 316 stainless steel and polycarbonate
Standard disc One 3mm cross hatch pattern spheronizer disc supplied as standard with other disc patterns available

Product feed Manual
Product discharge Manual / Automatic (operator selectable)
"Air blast technology" to assist in the cleaning of the discharge door, particularly useful for continuous operation

Discharge height 850 mm

Electrical information

Motor power 2.2 kW AC motor
Electrical supply 380-460 VAC, 50-60 Hz, 3 ph, 5.5 A
Controls Mounted on machine panel
Information panel
- Rotational speed (RPM)
- Run time remaining (Seconds)

Other features

Disc pattern 3x3 mm cross hatch (options available)
Disc removal Manual with provided tool
Safety Fully safety interlocked
Discharge Fully automatic pneumatic door
Water Jacket As standard for heating or cooling product
Automatic timer As standard and operator controlled
Air blast cleaner As standard and unique to Caleva
CE marking As standard with IQ/OQ available
Fines air As standard to reduce dust losses
Discharge chute Round design with angular discharge



Caleva production
Spheronizer 380



"Clean without
stopping"
spheronizer air
blast system

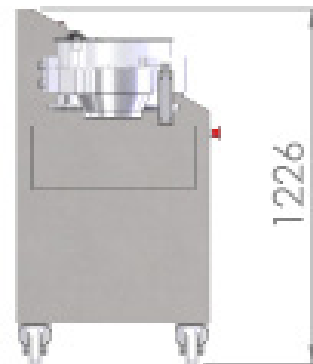
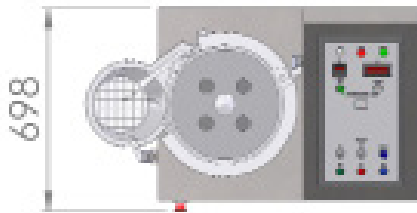
Production
spheronizer
discharge
system



CALEVA
50 KG PER HOUR EXTRUDER AND SPHERONIZER PRODUCTION SYSTEM
SPHERONIZER 380

CALEVA
SPHERONIZER 380

General arrangement diagram
Weight approximately 360 Kg



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