

VARIABLE DENSITY TWIN SCREW EXTRUDER



TECHNICAL SPECIFICATIONS

A COMPONENT OF THE CALEVA 150 KG
PER HOUR SPHERONIZATION SYSTEM

THE CALEVA PRODUCTION AND PILOT SCALE EXTRUDER VD-TSE70



Caleva production Variable Density
Twin Screw Extruder

Output range	50 to 200 kg / hr
Mechanical information	
Size	Approximately 865w x 1636h x 1445d mm
Weight	Approximately 400 Kg
Cabinet	Brushed type 304 stainless steel
Extrusion bore	70 mm diameter
Product contact	316 stainless steel FDA food approved plastics
Screw speed	30 to 100 RPM
Operating torque	Nominal 427 Nm
Product feed	Manual with 25 l capacity loading tray
Product output	Extrudate density can be modified using additional dies
Discharge height	540 mm
Electrical information	
Motor power	4.8 kW AC motor
Electrical supply	400VAC 50Hz or 460VAC 60 Hz 3 phase 20 A
Controls	Mounted on swivel pendant
Information panel	- Product temperature (°C) - Rotational speed (RPM) - Motor load (%)
Other features	
Die configurations	Axial and "Caleva Cone" configurations Caleva Cone = an advanced die design giving increased output and improved die durability
Die hole range	Ø 0.5 to 8.0 mm 1:1 to 4:1 diameter:length (axial configuration) Ø 0.5 to 1.0 mm (Caleva Cone configuration)
Safety	Fully safety interlocked
Water jacket	On screw chamber
CE marking	As standard

Axial configuration with 1 mm die holes



Axial configuration with 8 mm die holes



"Caleva Cone" configuration with 1 mm die holes



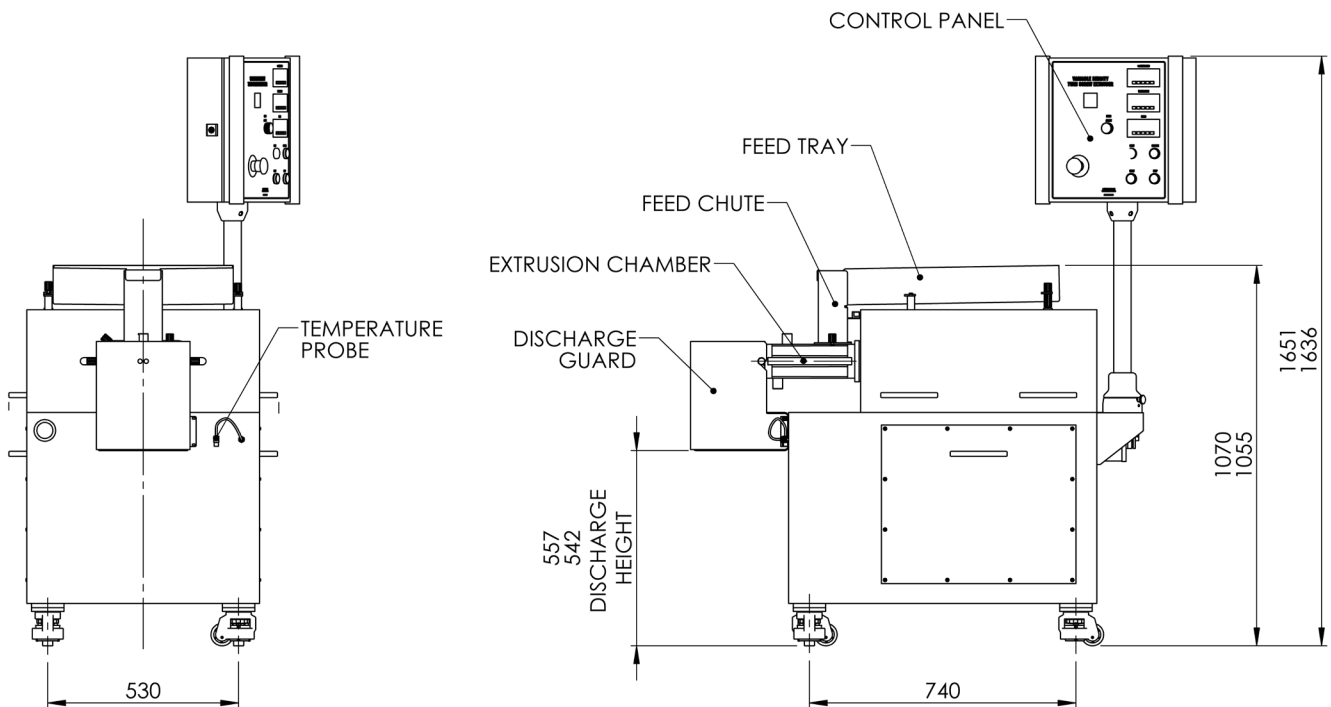
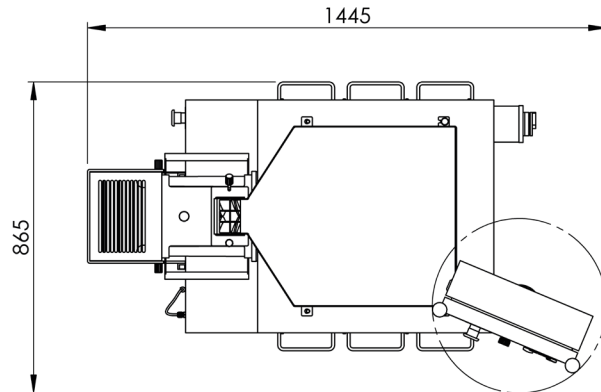
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150 KG PER HOUR EXTRUDER AND SPHERONIZER PRODUCTION SYSTEM EXTRUDER VD-TSE70

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EXTRUDER VD-TSE70

General arrangement diagram
Weight approximately 400 kg



TALK TO US

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