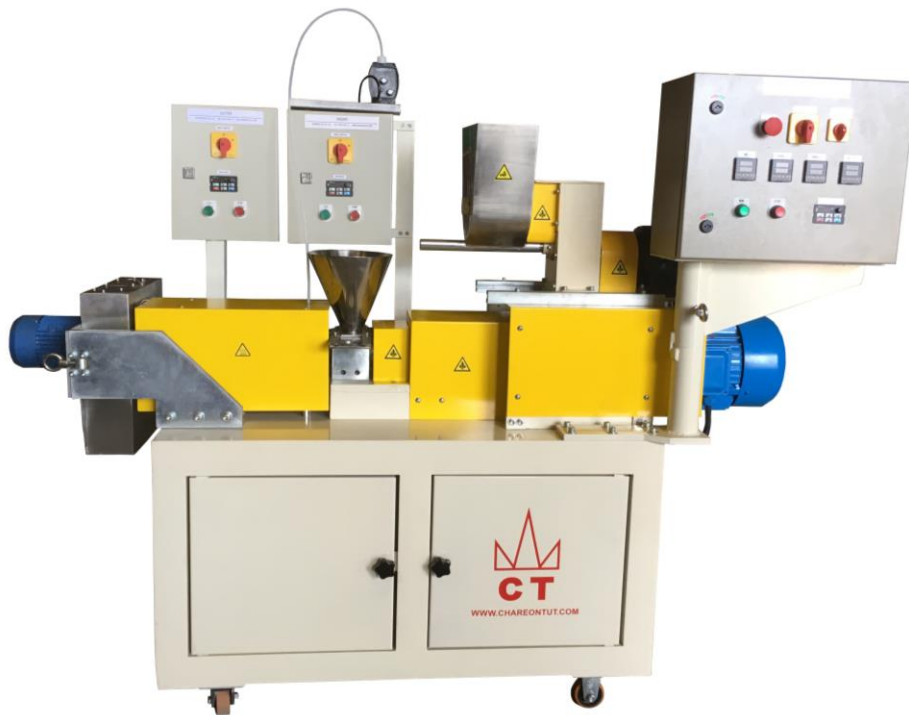




SINGLE-SCREW EXTRUDER

- Lab-scale extruder with an advanced design
- Suitable for food products and starch modification, i.e. cooked snack foods and direct expanded foods
- Extruder equips with a control panel with PID digital temperature controllers.



- All speed adjustable components use AC motors with inverters.
- All barrel and die zones can be cooled by water.
- Screw is made of stainless steel SUS 304 with hard-chrome plating.
- Barrel is made of steel with nitriding surface treatment.
- Feeding hopper is made of stainless steel SUS 304.
- % Torque digital display with adjustable setting over-torque protection of the extruder drive.
- The extruder is equipped with relevant auxiliary accessories:
 - Feed rate controllable hopper feeder: Adjustable screw speed with digital speed display
 - Exchangeable dies (SUS 304)
 - Speed-adjustable die cutter with digital speed display.

Contact us for more information about CT products and services. We are keen on working with you:

CHAREON TUT CO., LTD.

189 Moo 1 Theparak Road, Bangsaothong,
Samutprakarn, 10570 THAILAND.

Tel: 0 2315 4155-8 • Fax: 0 2315 4159

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TECHNICAL AND SPECIFICATION

SINGLE – SCREW EXTRUDER

Model	SE-D28L20	SE-D50L20
Capacity (kg/hr)	5	50
Screw Diameter (mm)	28	50
Screw Length/Diameter (L/D)	20	20
Screw Length (mm)	560	1000
Screw Compression Ratio	2 : 1 or 3 : 1 or 4 : 1	
Max. Barrel and Die Temperature (°C)	200 Isolated PID Digital Setting and Indicating Temperature Controllers	
Adjustable Screw Speed (rpm) With Digital Display	50 – 280	30 – 140
Barrel Zone	4 Zones (Feeding 1 Zone, Heating 3 Zones)	
Heating Zone / Cooling System	4 (Barrel 3 Zones at Zone#2-#4, Die Head 1 Zone) By Electrical Heaters / Water Cooling for All Barrel and Die Zones	
Main Extruder Motor (kW)	7.5	11
Hopper Feeder Motor (W)	370	370
Die Cutter Motor (W)	370	750
Electrical Supply	AC 3 phase / 380 V / 50 Hz	

