



TWIN-SCREW EXTRUDER

CT TWIN-SCREW EXTRUDER



- Extruder with a gearbox designed for high-torque applications.
 - Suitable for food extrusion.
 - Co-rotation type.
 - % Torque digital display with adjustable setting over-torque protection.
 - Melt pressure at die with digital display which can be adjustable setting over-pressure protection.
 - Melt temperature at die with digital display.
 - Current overload protection.
 - Screw speed and motor speed adjustable by an inverter.
- The extruder can be equipped with relevant auxiliary accessories, i.e. die head, several types of feeders, liquid feeder, vent / vacuum port, vacuum pump with buffer tank, water cooling line, static eliminating unit, and speed-adjustable pelletizer for producing various products.

Model	CTE-D22L32	CTE-D25L32
Capacity (kg/hr)	5	15
Screw Diameter (mm)	21.50	24.70
Screw Length (mm)	700	800
Max. Screw Speed (rpm)	450 (Digital Display)	
Max. Barrel Temp. (°C)	200 (Digital Display)	
Max. Die Temp. (°C)	200 (Digital Display)	
Barrel / Die Zones	6 / 1	
Amount of Ports	3	3
Heating	Electric Heaters (Barrel Zones 2 – 6 and Die)	
Cooling	Water Cooling Channels (All Barrel Zones and Die Zone)	
Main Motor (kW)	3.7	5.5
Overload Protection	Yes	Yes
Electrical Supply	AC 3 Phase / 380 V / 50 Hz	



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

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MACHINE PART SPECIFICATION

- Segmented screw elements made of hardened tool steel gaining hardness 50 HRC.
- Segmented screw elements are for feeding, kneading, and conveying purposes.
- Segmented screw elements can be arrangeable.
- Barrels made of hardened tool steel gaining hardness 55 HRC.
- Barrels can be detached for cleaning.
- Barrel opening ports and plugs: main feeding port with feed hopper made of stainless steel SUS 304, liquid feeding ports, vent/vacuum port.
- Dies can be easily changed to produce various shapes of products.



Different screws were designed for different materials and purposes.



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- * Standard die head for all series is round-shaped profile. Other profiled die heads can be manufactured upon customer requirement.
 - ** Optional accessories include speed-adjustable feeders, speed-adjustable cutter, water cooling system, water baths, vacuum system, breaker plate, and electrical controlling equipments.