



TWIN-SCREW EXTRUDER

CT TWIN-SCREW EXTRUDER



- Extruder with a gearbox designed for high-torque applications.
- Suitable for polymer compounding.
- Co-rotating 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, side-feeding port, liquid feeder, vacuum port, water cooling line, static eliminating unit, and speed-adjustable pelletizer for producing various products.

MODEL	CTE-D16L32	CTE-D22L32
Screw Diameter (mm)	15.75	21.50
Screw Length/Diameter (L/D)	32	32
Max. Barrel and Die Temperature (°C)	300 (Digital Display)	
Max. Screw Speed (rpm)	300 (Digital Display)	
Barrel / Die Zones	6 / 1	
Amount of Port	3	3
Heating	Electric Heaters (Barrel Zones 2 – 6 and Die)	
Cooling	Water Cooling (Barrel – Feed Zone)	
Main Motor (kW)	0.75	2.2
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:

CHAREON TUT CO., LTD.

189 Moo 1 Theparak Road, Bangsaothong,
Samutprakarn, 10540 THAILAND.

Tel: 0 2315 4155-8 • Fax: 0 2315 4159

WWW.CHAREONTUT.COM

MACHINE PART SPECIFICATION

- Segmented screw elements made of hardened tool steel gaining hardness 50 HRC.
- Segmented screw elements are for feeding, compounding, and metering 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, liquid feeding ports, venting port.
- Exchangeable dies for various applications.



Different screws were designed for different materials and purposes.

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