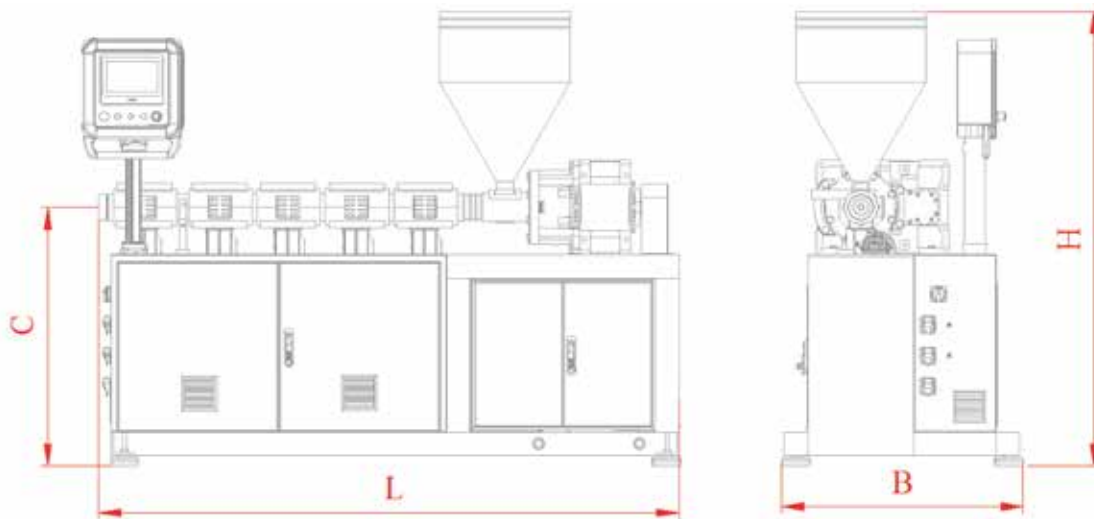


Universal Extruder

NTU

NTU series universal extruders are designed universally to be used in extrusion process applications that provides wide variety raw material usage by just changing working conditions with the same extruder (formula informations, temperature values, screw speed etc.) without changing the screw.



Model	L (mm)	B (mm)	H (mm)	*C (mm)	* Av. capacity (kg/h)
NTU 45/28D	2000	950	1900	1100	600
NTU 60/28D	2460	1000	1900	1100	900
NTU 75/28D	3050	1050	1900	1100	1650
NTU 90/28D	3650	1100	1900	1100	2000
NTU 120/28D	4600	1800	1900	1100	2700

* Stated axis height (C) and following height (H) can vary according to the conditions of existing line.

Model	Motor power (kW)	Screw speed (mm)	L/D	Max screw speed (rpm)	Barrel heat zone	Mold heat zone	* Av. capacity (kg/h)
NTU 45/28D	16	45	28	130	4	2	40-65
NTU 60/28D	27	60	28	100	5	2	75-115
NTU 75/28D	43	75	28	80	6	2	115-180
NTU 90/28D	62	90	28	65	7	2	165-255
NTU 120/28D	125	120	28	50	7	2	280-450

* Capacity datas can vary according to the density of the material and working conditions. Stated capacity datas is valid when there is no mold, average screw speeds and average density datas.



range

NTU 45/28D
 NTU 60/28D
 NTU 75/28D
 NTU 90/28D
 NTU 120/28D

Features

- S** Standart 28D effective length.
- S** Nitrided steel barrel and screw hardened with heat treatment.
- S** EBM barrier type screw with rotary cooling system, specifically designed for TPU process applications.
- S** Soft channel feeding system providing high performance and linear outout.
- S** Electrical equipments and components in universal standards.
- S** Ceramic insulated, energy saver heating resistance with stainless air jacket.
- S** High performance AC torque motor.
- S** Horizontal type helical gearbox reducer with special cooling system, high radial load capacity and high torque capability.

- S** PID sensitive temperature control with SSR (Solid State Relay).
- S** Minimized energy consumption under optimum working conditions.
- S** AC vectorial type speed control unit which could infinitely arrange the screw speed.
- S** Low noise and minimum vibration.
- O** Long lasting bimetal barrel and/or screw option.
- O** Melt temperature and pressure measuring sensors.
- O** PLC control system.

S Standard **O** Optional

CAPACITY CHART OF NTU SERIES UNIVERSAL EXTRUDERS

