



Thermoplastics



extrusion



We

Novoma Machinery Inc. has an 35 year production experience and was established in 2011 with a new start and name. We are producing; Standard Rubber Extruder, High Performance Rubber Extruders, Haul-Off, Haul-Off with Cutter, Cooling Units, Product Stowage Units, Strip Feeder Units in our 2000m2 production area. We focused our development strategy on extrusion machines from the day we have started and became the first exporter of Turkey in this field of production. Besides, we are doing Research&Development in order to provide high capacity and better performance. We can serve all needs of our clients by way of our technical office and engineers. Our target is to be one of the leading extrusion line manufacturers in the world.

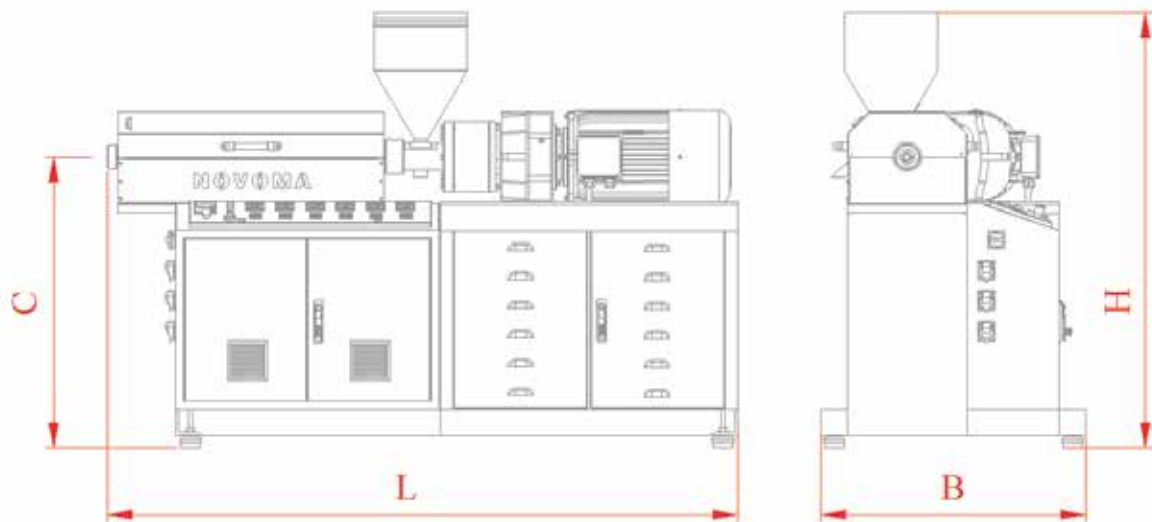




NTB

Standart Extruders

NTB series extruder is engineered for midlevel output capacity and high melt quality. NTB series are used for production of PVC-W, PVC-H, PE, PP, XLPE, HFFR and PA based hoses, pipes, cables and cords.



Model	L (mm)	B (mm)	H (mm)	*C (mm)	Aprox. weight (kg)
NTB 30/25D	1500	900	1500	1100	450
NTB 45/25D	1970	800	1500	1100	600
NTB 60/25D	2425	1000	1500	1100	900
NTB 75/25D	2530	1000	1500	1100	1650
NTB 90/25D	3050	1500	1500	1100	2000
NTB 120/25D	3900	1500	1500	1100	2700

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



range

NTB 30/25D
NTB 45/25D
NTB 60/25D
NTB 75/25D
NTB 90/25D
NTB 120/25D

Features

- S** 36D effective plastification length
- S** Stainless steel screws and barrels
- S** Specially designed screws for process
- S** High capacity soft groove feeding system
- S** Electrical equipments with international standarts
- S** Ceramic insulated, stainless air jacket and energy saving heating coils
- S** Energy saving and maintenance-free AC motor
- S** EBM Barrier screws providing high performance and high melt quality
- S** Long lasting reductor with high service factor
- S** PID sensitive temperature control with SSR (Solid State Relay).
- S** Minimized energy consumption under optimum working conditions.
- 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 Standart **O** Optional

Model	Motor power (kW)	Screw dia. (mm)	L/D	Max screw speed (rpm)	Barrel Heat Zone	Mould Heat Zone	*aprox. cap. (kg/h)
NTB 30/25D	4	30	25	100	4	2	12
NTB 45/25D	11	45	25	100	4	2	30
NTB 60/25D	22	60	25	100	4	2	70
NTB 75/25D	37	75	25	100	5	2	115
NTB 90/25D	55	90	25	100	5	2	180
NTB 120/25D	90	120	25	100	6	2	300

* 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.

NTE

High Capacity Extruder

NTE series extruders provide high capacity, constant pressure, linear melt flow, high melt quality for producing polyolefin sheets, pipes and profiles processes.

Features

- S** 36D effective plastification length
- S** Stainless steel screws and barrels
- S** Specially designed screws for process
- S** High capacity soft groove feeding system
- S** Electrical equipments with international standards
- S** Ceramic insulated, stainless air jacket and energy saving heating coils
- S** Energy saving and maintenance-free AC motor
- S** PID sensitive temperature control with SSR (Solid State Relay).
- S** Minimized energy consumption under optimum working conditions.
- 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 Standart **O** Optional

Model	Motor power (kW)	Screw dia. (mm)	L/D	Max screw speed (rpm)	Barrel Heat Zone	Mould Heat Zone	* Aprox. cap. (kg/h)
NTE 45/36D	75	45	36	325	5	5	200
NTE 60/36D	160	60	36	185	6	6	300
NTE 75/36D	200	75	36	180	6	6	500
NTE 90/36D	250	90	36	180	6	6	750
NTE 120/36D	400	120	36	100	6	6	1200

* 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

NTE 30/36D
NTE 45/36D
NTE 60/36D
NTE 75/36D
NTE 90/36D
NTE 120/36D



NKM

Calibration Unit

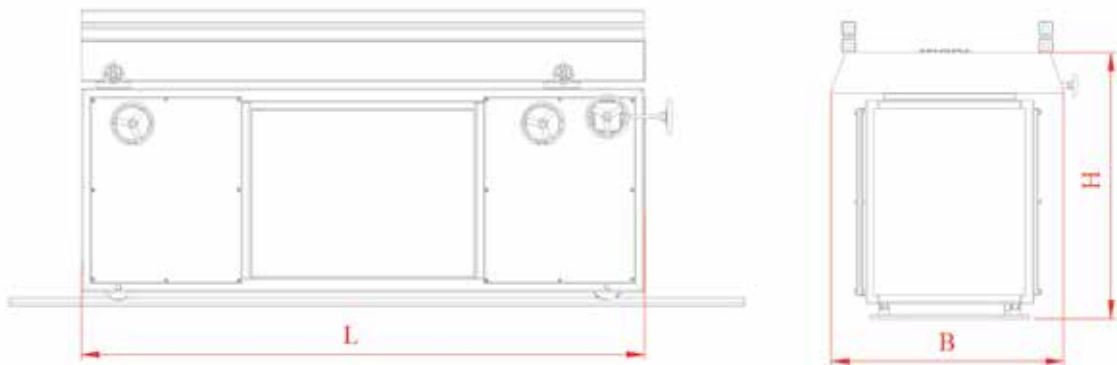
NKM series calibration unit is designed for processes that needs calibration like profiles, hoses, cords.



Features

- S Unit length on demand
- S 3 axis motion
- S Stainless steel cooling unit
- S Effective heat exchanger, circulation and vacuum pump
- S Strong body design

S Standart □ Optional



Model	Efficient cooling length	Tank width (mm)	Motion distance (mm)	Control System	L (mm)	B (mm)	H (mm)
NKM	2000-3000	825	500	Manuel	2000-3000	850	1000

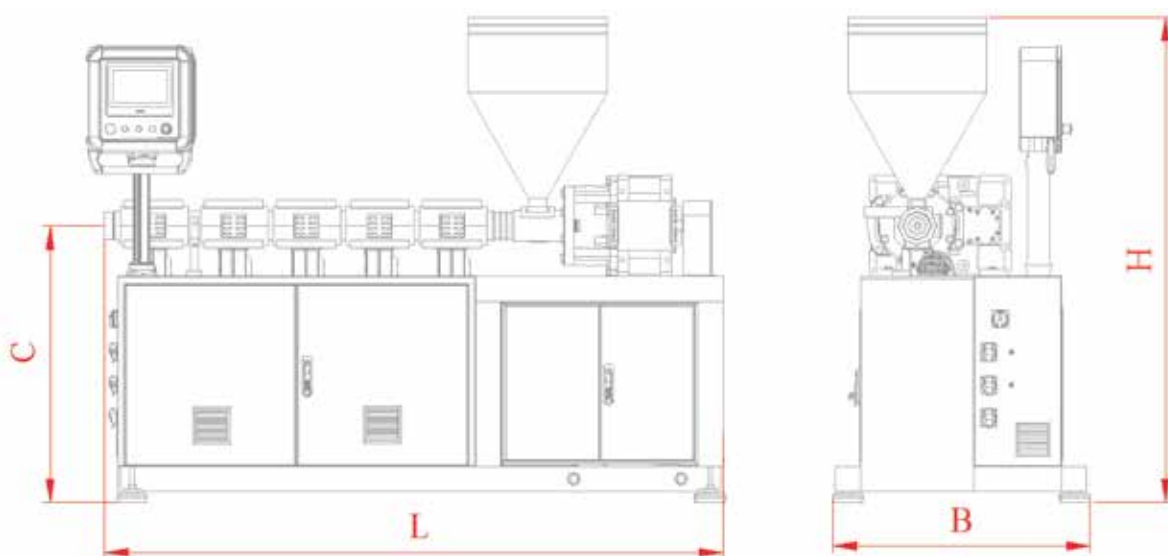
* Mentioned height (H) may vary.



NTP

TPU Extruder

NTP series TPU extruders are designed to provide high performance and high melt quality in TPU raw material process applications.



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

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



range

NTP 45/28D
NTP 60/28D
NTP 75/28D
NTP 90/28D
NTP 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** 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** Standart **O** Optional

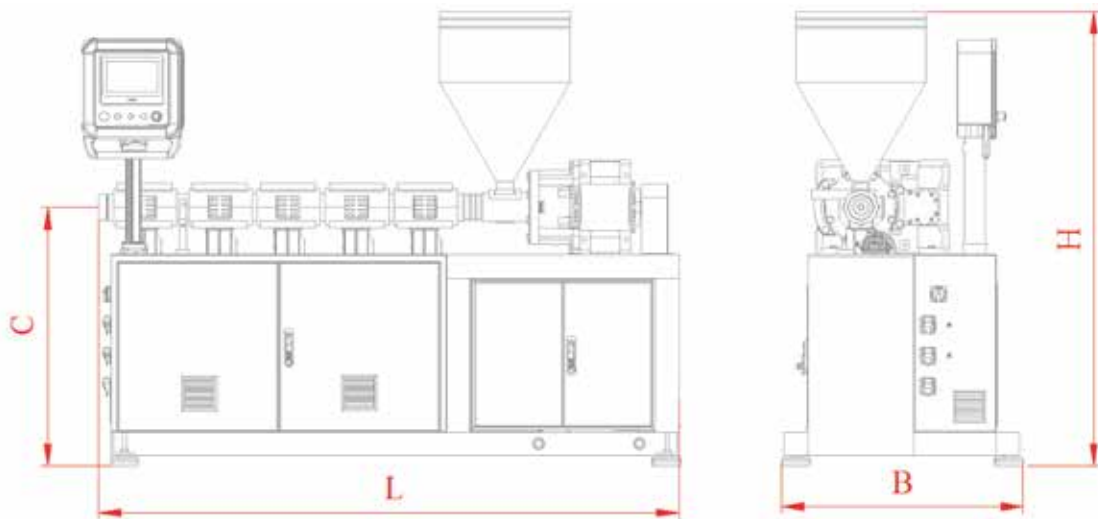
Model	Motor power (kW)	Screw speed (mm)	L/D	Max screw speed (rpm)	Barrel heat zone	Mold heat zone	* Aprox. capacity (kg/h)
NTP 45/28D	21	45	28	130	4	2	45-55
NTP 60/28D	33	60	28	100	5	2	80-100
NTP 75/28D	53	75	28	80	6	2	130-150
NTP 90/28D	92	90	28	65	7	2	180-210
NTP 120/28D	146	120	28	50	7	2	350-380

* 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.

NTU

Universal Extruder

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

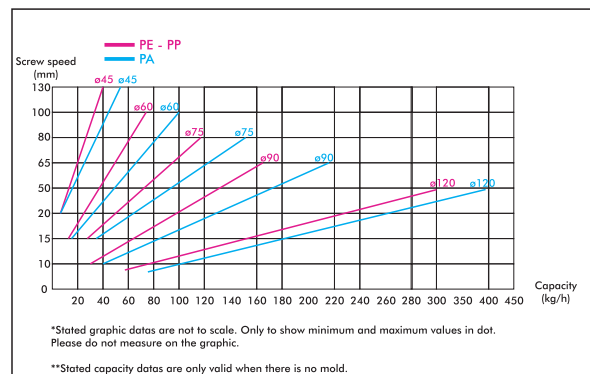
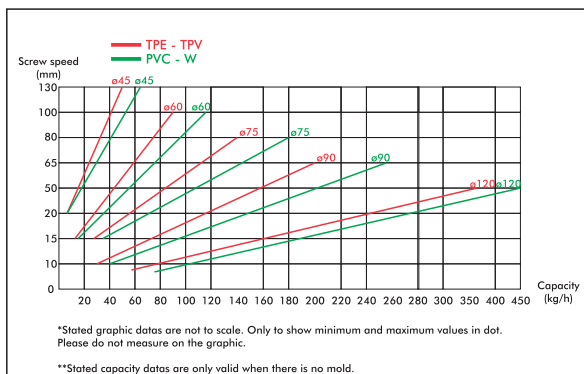
Features

- 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

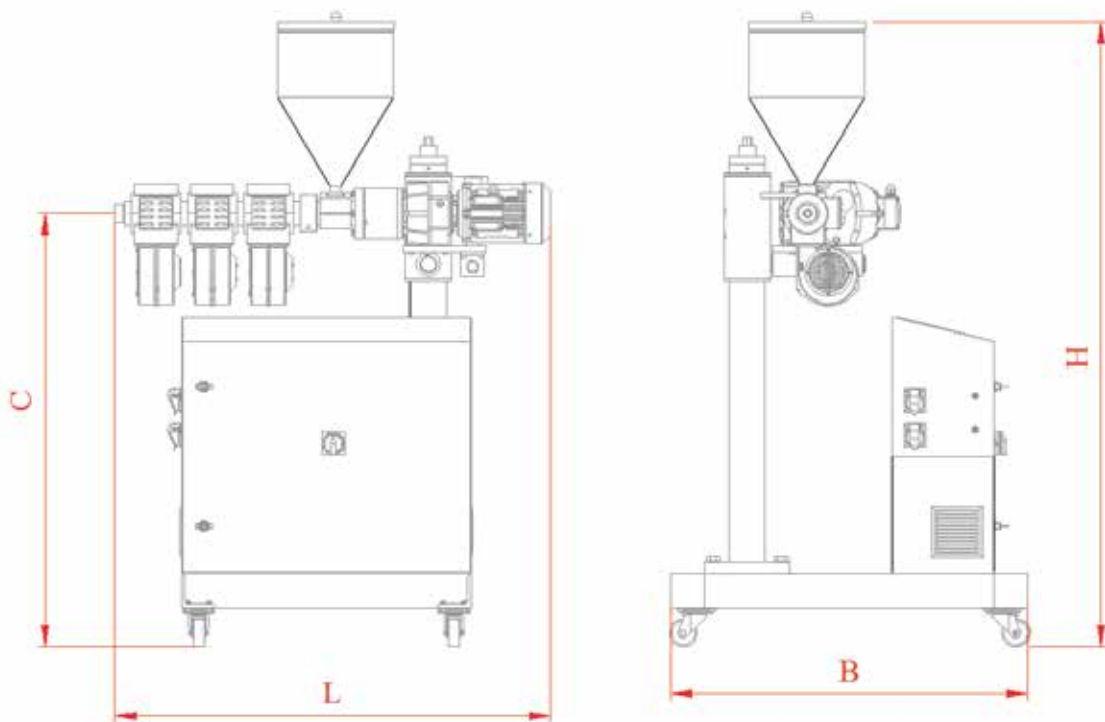
CAPACITY CHART OF NTU SERIES UNIVERSAL EXTRUDERS



NTC

Co-Ex Line Extruder

NTC series extruders are engineered for adding lines on profiles, hoses, cables. Low capacity and ergonomic design.



Model	L (mm)	B (mm)	H (mm)	*C (mm)	Av. weight (kg)
NTC 22/19D	1120	1050	1300-1500	1050-1250	200
NTC 30/25D	1200	1050	1300-1500	1050-1250	320

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



range

NTC 22/19D
NTC 30/25D

Features

- S** 19D and 25D effective plastification length
- S** Nitration steel screws and barrels
- S** Universal plastification unit suitable for all apps
- S** Easy integration with extruders because of circular, vertical and angular moving mechanism
- S** Compact design, portable and storable
- S** Electrical equipments with international standarts
- S** Ceramic insulated, stainless air jacket and energy saving heating coils
- S** Energy saving and maintenance-free AC motor
- S** Long lasting reductor with high service factor
- S** AC vectoral type speed control unit
- S** Precise heat control with Solid State Relay
- S** Low energy consumption
- S** Low noise and minimum vibration
- O** PLC control unit

S Standart **O** Optional

Model	Motor power (kW)	Screw dia. (mm)	L/D	Max screw speed (rpm)	Barrel heat zone	Mould heat zone	* Av. capacity (kg/h)
NTC 22/19D	1,5	22	19	75	2	1	5
NTC 30/25D	4	30	25	100	3	1	12

* 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.

NDS

Tipping and Stowage Unit

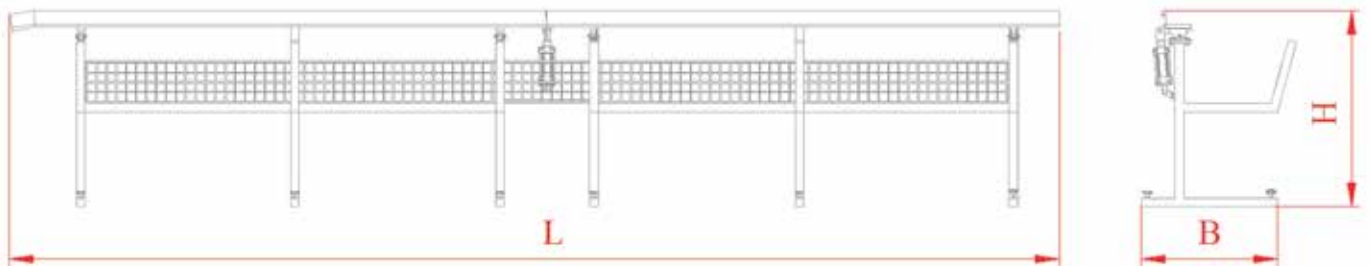
NDS series tipping unit is designed for stowing of products like pipes and cords.



Features

- S** Unit length on demand
- S** Tipping unit with pneumatic control
- S** Strong body design

S Standart **□** Optional



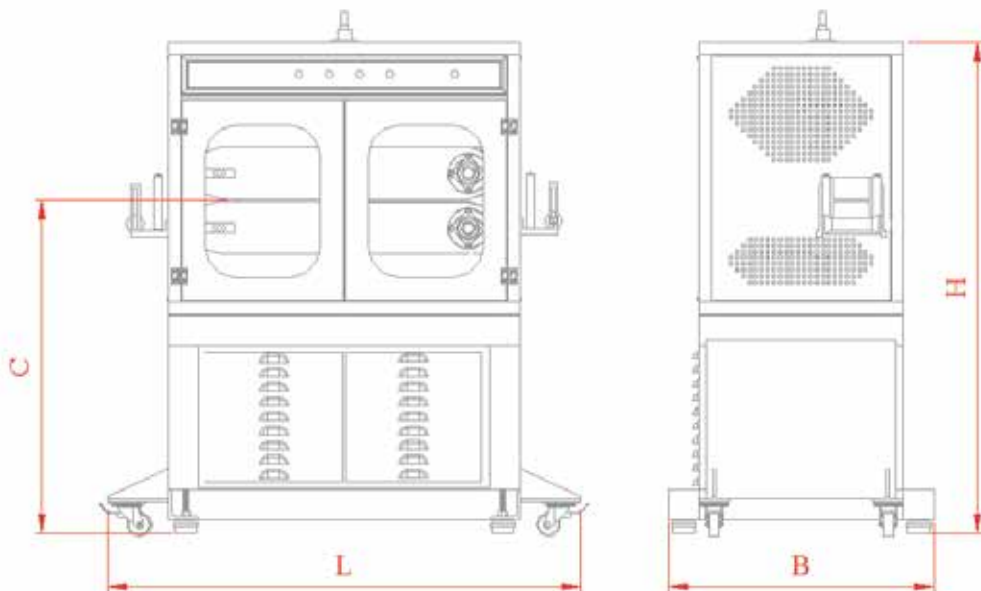
Model	Usable length (mm)	Control system	L (mm)	B (mm)	H (mm)
NDS	2000-8000	Pnömatik	6000	800	1150
* Mentioned height (H) may vary.					



Haul-Off

NCB

NCB series band type haul-off unit is used for wicking in required speeds and sizes with optimum sensitivity at sensitive and stable speeds.



Model	L (mm)	B (mm)	H (mm)	C (mm)
NCB 500	750	500	1450	1050-1100
NCB 800	1550	870	1600	1050-1100



range

**NCB 500
NCB 800**

Features

- S Band pressing system with sensitive control and hydraulic or manual options.
- S Adjustable axis height system.
- S Poly-V tapes.
- S Practical and easy use.
- S AC speed control unit.
- S Security package.
- S Low noise and minimum vibration.
- O PLC control unit.
- O Caterpillar type haul-off equipments.

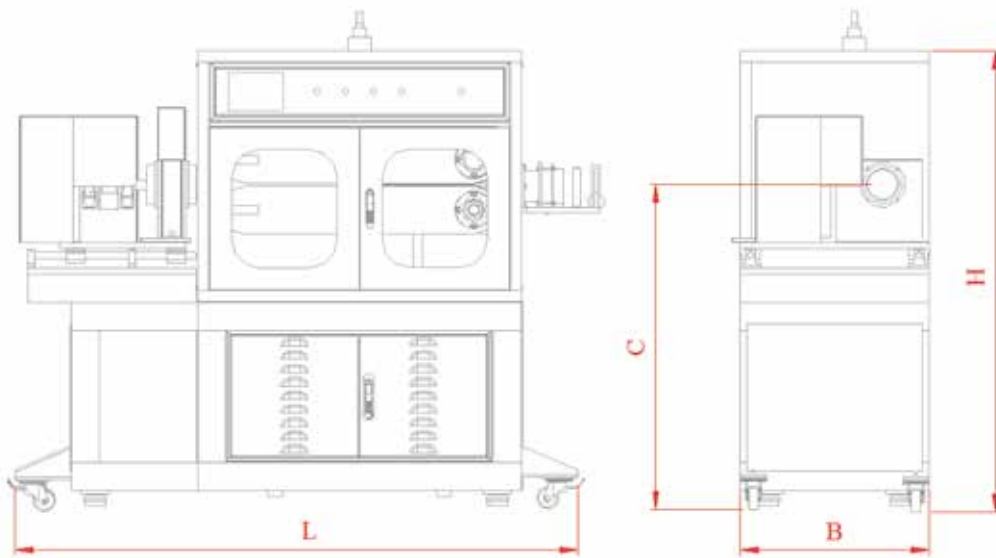
S Standart O Optional

Model	Motor power (kW)	Max. Band speed (m/dk)	Contact length (mm)	Contact width (mm)	Control system
NCB 500	0,75	25	500	80	PLC + Servo
NCB 800	1,1-1,5	25	800	80	PLC + Servo

NCK

Haul-Off+ Cutter Unit

NCK series band type haul-off and cutter unit are used for meeting the cutter needs for products like small and medium size hoses, profile and wick in required speeds and sizes with optimum sensitivity at sensitive and stable speeds.



Model	L (mm)	B (mm)	H (mm)	C (mm)
NCK 500	1200	500	1450	1050-1100
NCK 800	2000	870	1600	1050-1100



range

NCK 500
NCK 800

Features

- S** Band pressing system with sensitive control and hydraulic or manual options.
- S** Adjustable axis height system.
- S** Poly-V tapes.
- S** Practical and easy use.
- S** AC speed control unit.
- S** Sensitive servo controlled high speed blade system with cooling system.
- S** Security package.
- S** Low noise and minimum vibration.
- Y** PLC control unit.
- Y** Caterpillar type haul-off equipments.

S Standart **Y** Optional

Model	Motor power (kW)	Max. Band speed (m/dk)	Contact length (mm)	Contact width (mm)	Control system	Cutting motor power (kW)	Cutting speed (rpm)	Cutting sens. (mm/m)
NCK 500	0,75	25	500	80	PLC + Servo	2,2	800-2000	±2,5
NCK 800	1,1-1,5	25	800	80	PLC + Servo	2,2	800-2000	±2,5

NKS

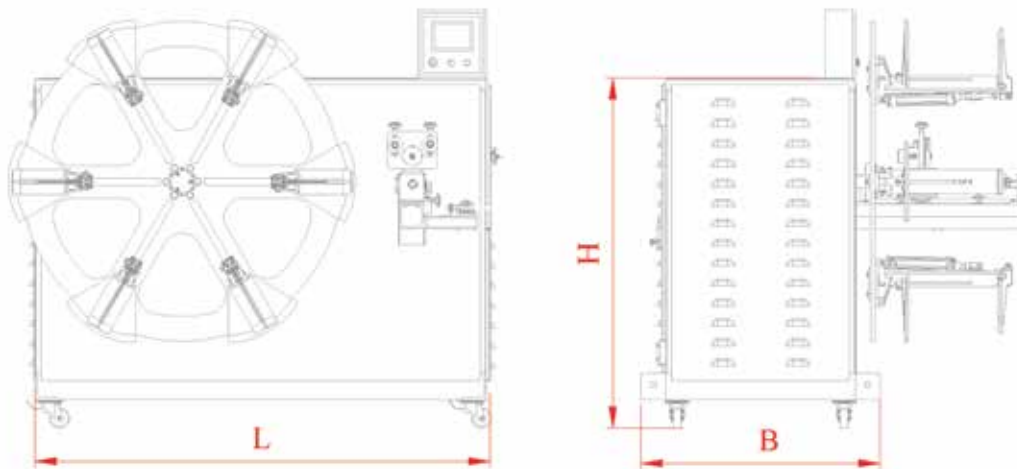
Winder

NKS series winders are designed for mono and binary types of hoses, cords and covers.



Features

- S Product length measurement system
 - S Product length warning system
 - S Winder precise pivoting system
 - S Easy and fast unloading and locking system
 - S Strong body design
 - O PLC control system
- S Standart O Optional



Model	Motor power (kW)	Winding dia. (mm)	Winding width (mm)	Stations	L (mm)	B (mm)	H (mm)
NKS-1	2,2	350-800	400	1	1800	1450	1400
NKS-2	1,5	280	250	2	1400	1000	1100



Cooling Unit

NSH

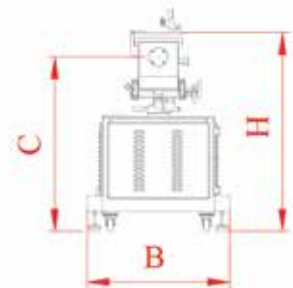
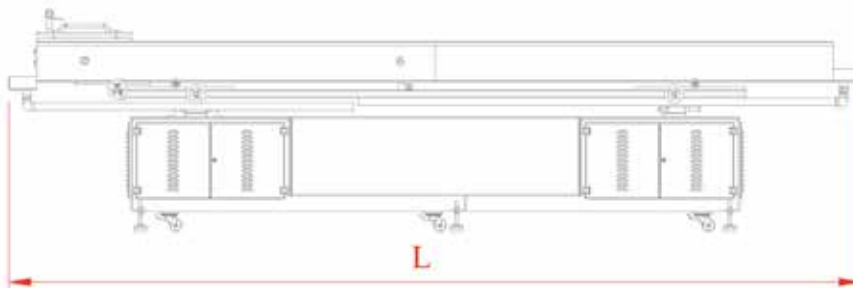
NSH series cooling units are used in production of profile, hose, cord and designed for calibration-free processes.



Features

- S Cooling unit length on demand
- S 3-axis motion
- S All components are stainless steel
- S Effective heat exchanger, circulation and vacuum pump
- S Strong body design

S Standart □ Optional



Model	Eff. cooling length (mm)	Tank width (mm)	Motion distance (mm)	Control system	L (mm)	B (mm)	H (mm)
NSH	2000-8000	900	500	Manuel	2000-8000	900	1200

* Mentioned height (H) may vary.

Novoma Machinery Inc.

BOSB Mermerciler Sanayi Sitesi 9. cd. No. 14 Kat: B3 34524 Beylikdüzü,
İstanbul, Türkiye. **Novoma™** is a registered trade mark of Novoma Machinery
Inc. Novoma Machinery Inc. is a member of **Tetraco Group**.

Tetraco

A member of
Tetraco Group

Turkey

Discover
the potential



 0212 879 0930

 novoma.com.tr

The science of **extrusion**.