

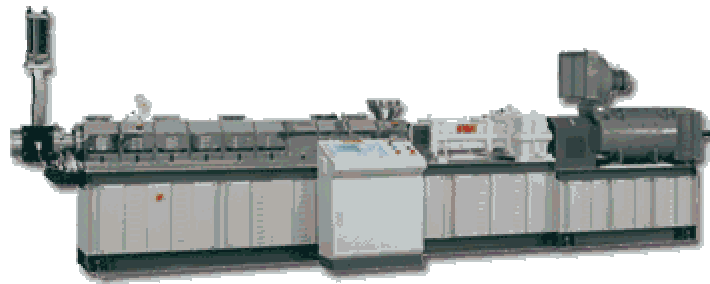
## CO-ROTATING TWIN SCREW EXTRUDER

### FEATURES:

- Special screw barrel assembly design suits the processing of various plastics material.
- Deep channel design of the screw upgrades production capacity.
- Involute spindle shaft provides greater torque resistance capability.
- Side feeder permits for adding fiberglass or additives.
- Standard screw speed up to 580 RPM assures superior material quality and high production efficiency.
- Choice of various models such as 32HT, 42HT, 58HT, 70HT and 92HT. Also available to equip with various auxiliary equipment and pelletizing system, such as side feeder and Loss-in-weight, etc.
- Twin screws are precision engaged and run in same directions. This provides self-cleaning function without jamming problems.
- Powerful gearbox employs a forced lubrication system with adjustable lubrication pressure, ensuring extremely smooth running.
- Enclosed dust resistant control box combined with PC or PID controller provides user-friendly operation.
- The barrel is manufactured from special alloy steel, featuring maximum durability and long service life.






### APPLICATIONS:

- Composite material, glass fiber additive, chemical reaction, wood powder additive, micro pellets etc, such as PC, ABS, Nylon, LCP, PPS, TPU, TPR, TPE, SEBS, PLA, PVA and TPV.



### CK-70HT

#### Specifications ( Co-Rotating Twin Screw Extruder )

Type	CK-32HT	CK-42HT	CK-58HT	CK-70HT	CK-92HT
Capacity (kg/hr)	50 - 110	100 - 220	300 - 500	600 - 800	1000 - 1500
Main motor (HP)	30	75	175	300	600
Max. RPM of screw	580 rpm	580 rpm	580 rpm	580 rpm	580 rpm
L/D Ratio	36	36	36	36	36
Dia. of screw (mm)	32	42	58	71	92
Screw rotating direction					
Barrel heating zone number	7	9	9	9	9

All specifications, design and characteristics shown above are subject to change without prior notice.

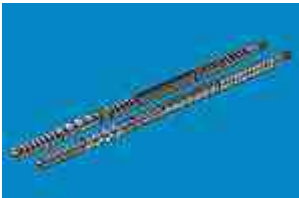
## PVC PARALLELTPE TWIN SCREW PELLET EXTRUDER

### FEATURES:

- Choice of various models such as 75DT, 95DT, 110DT, 130DT.
- Heavy-duty gearbox ensures powerful drive.
- The barrel is manufactured from special alloy steel, featuring maximum durability and long service life.
- Choice of material supply system for twin screw dosing or pressurized single screw dosing.
- Water cooled forced cooling system is equipped with fan for outstanding cooling performance.
- Enclosed dust resistant control box combined with PID or microcomputer controller provides user-friendly operation.
- Vacuum assisted degassing device efficiently removes moisture and gas to ensure superior product quality.

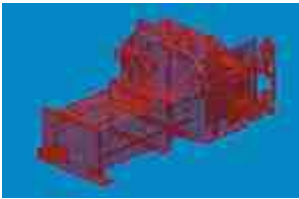
### APPLICATIONS:

- PVC series, lead series, tin series, rigid, soft, foam and non-migration formula, calcium and zinc formula and wood powder additive.



#### PRECISION TWIN SCREW

The twin screw is precision engaged and run in counter directions. This assures superior material feeding performance without jamming problems.



#### POWERFUL GEARBOX

Employs forced lubrication system with adjustable pressure ensuring extremely smooth rotation.







#### DIE FACE CUTTER





**Specifications ( PVC Parallel Type Twin Screw Pelletizer Extruder )**

Type	CK-75DT	CK-95DT
Capacity	130 - 250	350 - 600
Main motor	40	75
Gearbox ratio	1 : 28	1 : 19.31
Max. RPM of screw	30 - 42	35 - 65
L/D Ratio	20 - 23	20 - 24
Dia. of screw (mm)	75	95
Screw rotating direction		
Barrel heating capacity	28	33.8
Barrel cooling medium	Pure water	Pure water
Feeder motor (HP)	5	5
Mode of material feeding	Dosing	Dosing
Outer dimensions (mm)	3010x830x2220	3800x1100x2380
Weight (kg)	3500	4800

Type	CK-110DT	CK-130DT
Capacity	400 - 600	450 - 800
Main motor	100	150
Gearbox ratio	1 : 31.5	1 : 32
Max. RPM of screw	35 - 40	35 - 40
L/D Ratio	20 - 23	20 - 23
Dia. of screw (mm)	110	132
Screw rotating direction		
Barrel heating capacity	42	51.5
Barrel cooling medium	Pure water	Pure water
Feeder motor (HP)	6	6
Mode of material feeding	Dosing	Dosing
Outer dimensions (mm)	3900x1715x2500	5500x1200x2900
Weight (kg)	5500	6800

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## HIGH PRODUCTION SINGLE SCREW PELLET EXTRUDER

### FEATURES:

- **HEAVY DUTY GEARBOX:** Features high torque output, no noise and assures smooth flow performance.
- **FORCED LUBRICATION SYSTEM:** Ensures proper lubrication at all times and long service life of the machine.
- **VACUUM ASSISTED DEGASSING SYSTEM:** It not only provides efficient removal of moisture, waste gas and dust, but also stable material outfeed and superior pellet quality.
- **PID TEMPERATURE CONTROL SYSTEM:** Combined with the forced cooling system to provide maximum stability and accuracy of temperature control.
- **DC DRIVE:** Provides stable driving performance, low noise, low power consumption and greater power output.
- **SPECIALLY DESIGNED SCREW AND BARREL ASSEMBLY:** Ensures excellent mixing and dispersion performance. Effectively improves spot and color difference problems.



### APPLICATIONS:

- Suitable for compounding pellets, coloring pellets and recycling pellets for various materials such as: PP, HDPE, LDPE, PS, ABS, ABS & PC, PC PA,TPU, TPR, PET, PBT, EVA... etc.

#### Specifications ( High Production Single Screw Pelletizer Extruder )

Type	CK-HS85	CK-HS100	CK-HS120	CK-HS135
Capacity (KG/HR)	250 - 350	450 - 600	650 - 850	900 - 1200
Main motor (HP)	100	150	200	250
L/D Ratio	32-38	32-38	32-38	32-38
Dia. of screw (mm)	85	100	120	135

#### Specifications ( Pellet Cutting Machine )

Type	CK-CTM5	CK-CTM7	CK-CTM10	CK-CTM15	CK-CTM25
Capacity (KG/HR)	250	350	550	800	1350

Main motor (HP)	5	7 1/2	10	15	25
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## **UNDERWATER PELLETIZER SYSTEM**

### **FEATURES:**

- The underwater pelletizer is a plastic cutting system. The pellet cutting system is ideal for thermoplastics and elastomers such as Nylon, Acrylic, PC, PET, Rubber, hot melt adhesive, etc. It is especially suitable for materials with low melt viscosity and that are difficult to cut with conventional water cooling systems. This pelletizing system features high efficiency and easy operation.
- The underwater pelletizer assures consistent pellet size, and is applicable for production of micro pellets.
- The machine is automatically operated. All machine motions, from dosing and feeding, extruding, cutting speed to dewatering are adjusted synchronously for maximum operation convenience.

### **APPLICATIONS:**

- Suitable for pelletizing and drying for various materials, such as TPU, TPE, TPV, TPR, ABS, PP, PS, Rubber, PLA, PVA SEBS, hot melt, and special resin micro pellets, etc.



**CK-S100**

## PVC SINGLE SCREW PELLET EXTRUDER

### FEATURES:

- Choice of air, oil or water cooling system on barrel
- Screw and barrel are manufactured from special alloy steel, featuring maximum efficiency and long service life
- Enclosed dust resistant control box combined with PID or PC micro-computer controller provides user-friendly operation.
- DC drive provides stable driving performance, low noise, low power consumption and greater power output

### APPLICATIONS:

- Suitable for various soft and rigid PVC materials compounding and recycling.



### Specifications ( Co-Rotating Twin Screw Extruder )

Type	CK-S85	CK-S100	CK-S120
Capacity (kg/hr)	150 - 250	200 - 350	300 - 500
Main motor (HP)	40	100	150
L/D Ratio	26-30	26-30	26-30
Screw diameter (mm)	85	100	120

All specifications, design and characteristics shown above are subject to change without prior notice.

## HIGH PRODUCTION DOUBLE SECTION RECYCLING PELLET EXTRUDER

### FEATURES:

- **HEAVY DUTY GEARBOX:** Features high torque output, no noise and assures smooth rotation performance.
- **FORCED LUBRICATION SYSTEM:** Ensures proper lubrication at all times and long service life of the machine.
- **VACUUM ASSISTED DEGASSING SYSTEM:** It not only provides efficient removal of moisture, waste gas and dust, but also stable material outfeed and superior pellet quality.
- **PID TEMPERATURE CONTROL SYSTEM:** Combined with the forced cooling system to provide maximum stability and accuracy of temperature control.
- **DC DRIVE:** Provides stable driving performance, low noise, low power consumption and greater power output.
- **SPECIALLY DESIGNED SCREW AND BARREL ASSEMBLY:** Ensures excellent mixing and dispersion performance. Effectively improves spot and color difference problems.
- **HIGH PRODUCTION AND LOW POWER CONSUMPTION:** A forced feeder and hydraulic screen changer are available to meet variations in reclaimed material for efficient production.
- **OUTSTANDING SCREW:** The screw is specially designed to meet reclaimed material variations to assure complete removal of moisture and dust.
- When working with recycling nylon with fiber (within 30%), this machine provides greater capacity over other machines in its class.



**CK-HSD120**

### APPLICATIONS:

- PP, PE, ABS, PS, POM, PA, PMMA, PBT, PET.

### Specifications

(High Production Double Section Recycling Pelletizer Extruder )

Type	CK-HSD85	CK-HSD100	CK-HSD120
<b>1st Extruder</b>			
L/D Ratio	( 32-38 )	( 32-38 )	( 32-38 )
Dia. of screw (mm)	85	100	120
<b>2nd Extruder</b>			
L/D Ratio	( 8-12 )	( 8-12 )	( 8-12 )
Dia. of screw (mm)	120	135	150
Capacity (KG/HR)	200-300	350-500	500-650

All specifications, design and characteristics shown above are subject to change without prior notice.

## PROFILE EXTRUDER

### FEATURES:

- This machine is designed for PVC rigid and soft profiled products
- As material character and capacity request, the main extruder has two choices of single screw and parallel type twin screw.
- Easy to operate. Ensures smooth performance.
- Vacuum cooling calibration molding, force cool and calibrate profile - superior and consistent product quality.
- Downstream equipment mechanical design makes the machine easily adjustable: forward, backward, right-left, up and down - simple but effective.

### APPLICATIONS:

- PP, PE, PVC-Wood and ABS, etc.



**CK-PS65**

### Specifications ( High Production Single Screw Pelletizer Extruder )

Type	CK-PS45	CK-PS65	CK-PS85	CK-PS100
Capacity (KG/HR)	25 - 45	40 - 70	70 - 130	150 - 200
Main motor (HP)	15	25	40	75
L/D Ratio	26-30	26-30	26-30	26-30
Screw Diameter (mm)	45	65	85	100

All specifications, design and characteristics shown above are subject to change without prior notice.

## PP PIPE / TUBE SINGLE SCREW EXTRUDER

### FEATURES:

- The machine suits multiple plastic material tube and pipe manufacture.
- As material character and capacity request, the main extruder has two choices of single screw and parallel type twin screw.
- Special designed screw and barrel assures high capacity.
- Vacuum spray calibration cooling tank, force cooling and calibrate tube/pipe - superior and consistant quality.
- Applicable material include PVC, ABS, PP, PE, Nylon TPU, TPF etc.



**CK-PP75**

### Specifications

Type	CK-PP50	CK-PP75	CK-PP85	CK-PP100
Capacity (KG/HR)	25 - 52	50 - 80	70 - 130	150 - 200
Main motor (HP)	20	40	50	100
L/D Ratio	26-30	26-30	26-30	26-30
Screw Diameter (mm)	50	75	85	100

All specifications, design and characteristics shown above are subject to change without prior notice.

## PVC PARALLEL TYPE TWIN SCREW PROFILE/PIPE MAKING LINE

### FEATURES:

- The machine suits PVC material tube, pipe and profile manufacturing.
- As material character and capacity request, the main extruder is parallel type twin screw.
- Special designed screw and barrel assures high capacity.
- When operating with downstream equipment, various functions can be achieved including profiled product series, pipe and tube series, double pipe extruding and sheet series.
- Suitable for PVC soft rigid and foam pipe / profile.






**CK-75DTP**



**Double Pipe Molding**

## OPTIONAL EQUIPMENT

	<p><b>PELLET CUTTING MACHINE</b></p> <ul style="list-style-type: none"> <li>▪ The machine frame is suspended at one side for convenient cleaning and maintenance.</li> <li>▪ The rotary and stationary knives are easy to interchange. Gap adjustment is easy and accurate.</li> <li>▪ The machine features easy operation, safety, large cutting capacity and low noise.</li> </ul>
	<p><b>PELLET CUTTING AND VIBRATING SCREENING MACHINE</b></p> <ul style="list-style-type: none"> <li>▪ Combines two machines in one for high efficiency.</li> <li>▪ The machine features easy operation, safety, large cutting capacity and low noise.</li> </ul>
	<p><b>MICROCOMPUTER CONTROLLER</b></p> <ul style="list-style-type: none"> <li>▪ All operation motions are controlled by the advanced microcomputer controller. The controller also features self-diagnostic function.</li> </ul>

### Specifications ( Pellet Cutting Machine )

Type	CK-CTM5	CK-CTM7	CK-CTM10	CK-CTM15	CK-CTM25
Capacity (KG/HR)	250	350	550	800	1350
Main motor (HP)	5	7 1/2	10	15	25

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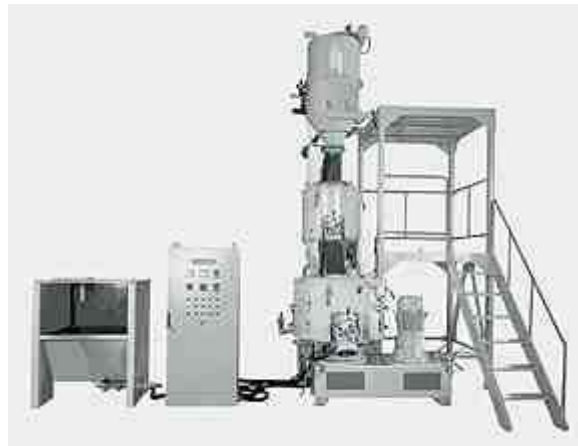
**SIDE FEEDER**



**POWERFUL CRUSHER**



**VIBRATING SCREENING UNIT**



**VIBRATING COOLER**



**VERTICAL DRY MIXER**



**PROFILE PRINTING MACHINE**



**HORIZONTAL COOLING MIXER**



**HIGH SPEED TESTING MACHINE**



**HIGH SPEED VERTICAL  
MULTI-BLADE MIXER**



**COMPLETE INSTALLATIONS OF PULVERIZERS**



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