



誠玉開發機械廠股份有限公司
CYKF MACHINERY CO., LTD.

CONTACT US



www.cykf.com.tw

Find **Amazed** in Extruder



No.12-26, Laiganliao,
Jiali, Dist., Tainan City
72216, Taiwan



cykf@cykf.com.tw



+886-6-7266668



+886-6-7266658



One and Only

Revolutionize your extruding processes with CYKF solutions.

We specialize in crafting tailored extruders that enhances production and efficiency in the extrusion manufacturing.

Contact us today to embark on a transformative journey.

Awesome

You Can Get

Service

01

Quality

Precision-crafted for superior performance, our extruders redefine quality to enhance your end-product excellence.

03

Reliability

Maximize uptime with our trusted extruders, ensuring consistent performance and minimal disruptions.

02

Customization

Tailor each extruder to your unique requirements, empowering you with precision control over your manufacturing processes.

04

Support

From process insights to issue resolution, our team ensures seamless extrusion experiences

Single Screw Extruder

Single Screw Pelletizing Extrusion
Single Screw Underwater Pelletizing Extrusion Line
High Output Single Screw Pelletizing Extruder

Recycling Extruder

Side Shredding Type Recycling Pelletizing Extrusion Line
Side Force Feeder Type Recycling Pelletizing Extrusion Line
Side Force Feeder Type Double Section Recycling Pelletizing Extrusion Line
Double Section Recycling Pelletizing Extrusion Line
Side Shredding Type Double Section Recycling Pelletizing Extrusion Line

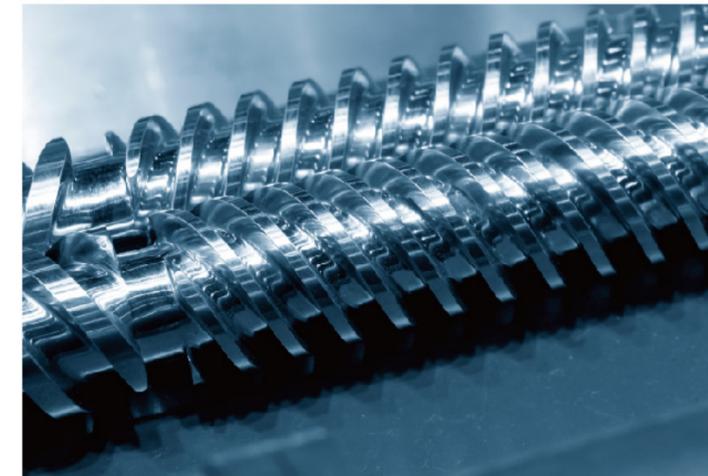
PVC Extruder

PVC Automatic Metering / Weighing / Conveying Pelletizing Extrusion Line
PVC Pelletizing Extrusion Line
Medical Grade PVC Pelletizing Extrusion Line



100% meet your needs

PRODUCT



Twin Screw Extruder

Co-rotating Twin Screw Automatic Metering / Weighing / Conveying Pelletizing Compounding Line
Co-rotating Twin Screw Underwater Pelletizing Compounding Line
Co-rotating Twin Screw Strand Pelletizing Compounding Line

Laboratory Extruder

Multi-Function Laboratory Pelletizing Compounding System
Laboratory Underwater Pelletizing Compounding System

Auxiliary Equipment

Strand Pelletizer	Loss-In-Weight Feeder
Horizontal Blender	Strand Dryer
Side Feeder / Side Feeder Twin Screw	Vibrating Screen

Single Screw: Streamlined Performance

Single Screw Underwater Pelletizing Extrusion Line

Applicable Material : TPU, TPE, TPV, TPR, PP, PS, PLA, PVA, SEBS, EVA, Rubber, Hot-melt Adhesive, Special Resin, Micro Pellets, etc.

- > Underwater pelletizing for soft and high viscosity material, such as TPU, TPR, EVA, etc
- > 2 or more times productivity than standard on the market and longer lifetime



► **CK-S100**



Model	CK-S85	CK-S100	CK-S120
Screw Diameter (mm)	85	100	120
L/D Ratio	34-36	34-36	34-36
Main Motor (kW)	75	110	132
Output (kg/hr)	70-150	150-300	250-500

- Output varies depending on the material used, and the data above is specific to TPU.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

Single Screw: Streamlined Performance

Single Screw Pelletizing Extruder

Applicable Material : PP, HDPE, LDPE, PS, ABS, APS&PC, PC, PA, PET, PBT, etc.

- > Second highest productivity among all single screw extruder series
- > Usually with strand pelletizing
- > Available for compounding, recycling, or color pelletizing with various materials, being one of the most frequently used series



Model	CK-HS85	CK-HS100	CK-HS120	CK-HS135	CK-HS150	CK-HS165
Screw Diameter (mm)	85	100	120	135	150	165
L/D Ratio	32-36	32-36	32-36	32-36	32-36	36-40
Main Motor (kW)	75	110	160	200	250	315
Output (kg/hr)	200-300	300-500	500-750	700-1000	800-1300	1000-1600

• Output varies depending on the material used, and the data above is specific to ABS.
• All specifications, designs, and characteristics mentioned above are subject to change without prior notice.



CK-HS100 ▲

Single Screw: Streamlined Performance

High Output Single Screw Pelletizing Extruder

Applicable Material : ABS, HIPS, PP, PE, PC&ABS, PC, PMMA, etc.

► CK-DHS100



- > Highest productivity among all single screw extruder series
- > Bearing greater back pressure and torque force can handle high-class recycling manufacturing, such as optical recycling



Model

Screw Diameter (mm)

Main Motor (kW)

Output (kg/hr)

CK-DHS85

85

110

350-600

CK-DHS100

100

200

500-1000

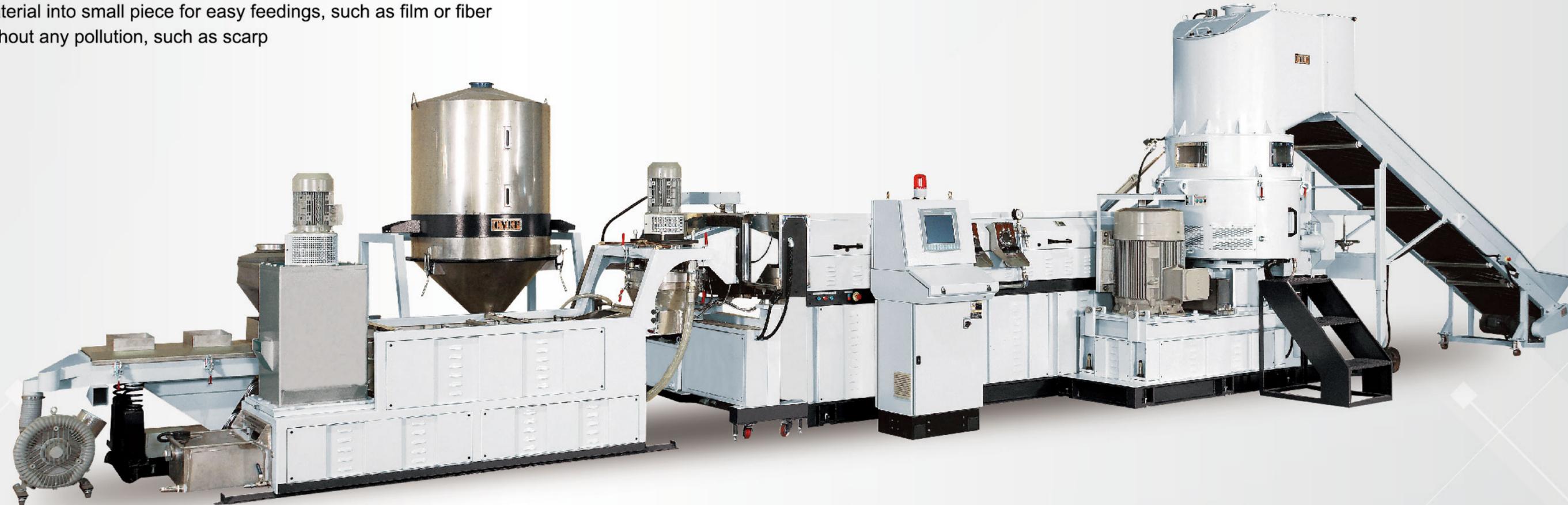
- Output varies depending on the material used, and the data above is specific to ABS.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

Recycling: Tailored for Sustainability

Side Shredding Type Recycling Pelletizing Extrusion Line

Applicable Material : PP, HDPE, LDPE, EPE, EPP, EPS, Nylon Fiber, PP Carpet and Filming Recycling

- > Combine shredder, extruder, and pelletizer in one design, clean up equipment integration problems
- > Powerful shredder can cut massive material into small piece for easy feedings, such as film or fiber
- > Suitable for clean recycled material without any pollution, such as scarp



◀ **CK-SC120**

Model	CK-SC100	CK-SC120	CK-SC135	CK-SC150	CK-SC165
Screw Diameter (mm)	100	120	135	150	165
L/D Ratio	32-40	32-40	32-40	32-40	36-40
Main Motor (kW)	90	110	132	160	250
Output (kg/hr)	250-350	400-500	450-650	500-800	600-900

- Output varies depending on the material used, and the data above is specific to PE filming recycling.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

Recycling: Tailored for Sustainability

Side Force Feeder Type Recycling Pelletizing Extrusion Line

Applicable Material : PP, HDPE, LDPE, ABS, PS Crushed Film, EPE, EPP, EPS Recycling

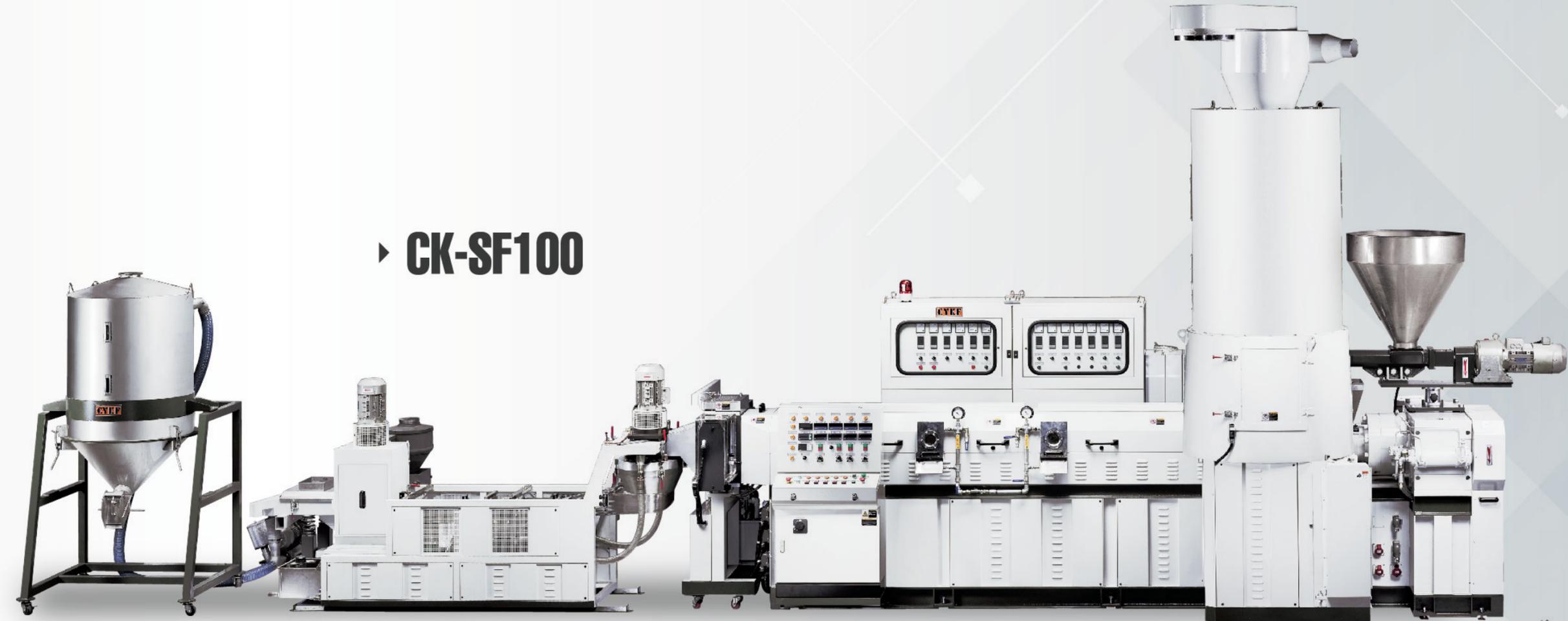
- > The feeding system squeezes fluffy materials into small sizes for better feeding
- > Suitable for clean or washed recycled shreds, mostly PP and PE



Model	CK-SF100	CK-SF120	CK-SF135	CK-SF150	CK-SF165
Screw Diameter (mm)	100	120	135	150	165
L/D Ratio	34-40	34-40	34-42	34-42	36-40
Main Motor (kW)	75	110	132	160	250
Output (kg/hr)	200-250	250-350	350-600	500-800	500-750

- Output varies depending on the material used, and the data above is specific to PE filming recycling.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

► **CK-SF100**

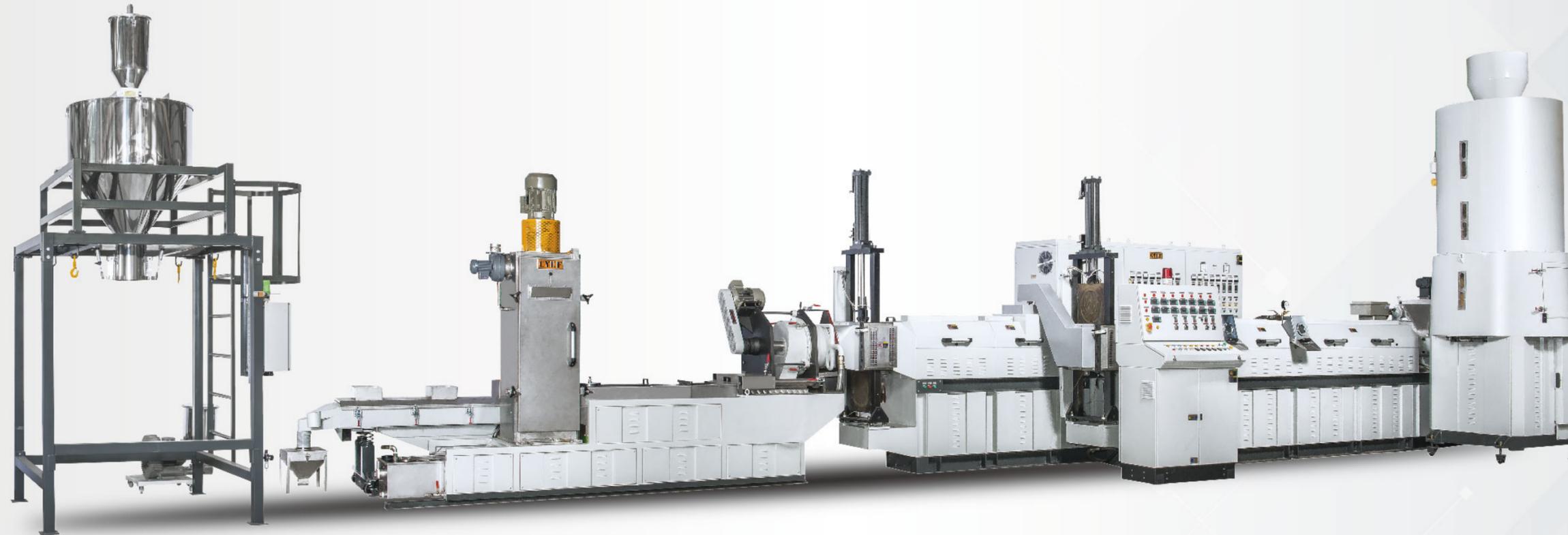


Recycling: Tailored for Sustainability

Side Force Feeder Type Double Section Recycling Pelletizing Extrusion Line

Applicable Material : PP, HDPE, LDPE, ABS, PS, EPE, EPP, EPS, Crushed Film, Flake, PP Jumbo Bag, PP Woven Bag

- > Double extruders design promotes cleanliness and reinforces the filter for the material
- > Available for slightly nasty or washed recycled films



▶ **CK-SFD150**

Model	CK-SFD100	CK-SFD120	CK-SFD135	CK-SFD150	CK-SFD165
Screw Diameter (mm)	100	120	135	150	165
L/D Ratio	34-40	34-40	34-42	34-42	36-40
Main Motor (kW)	75	110	132	160	250
Output (kg/hr)	200-250	250-350	350-600	500-800	500-750

- Output varies depending on the material used, and the data above is specific to PE filming recycling.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

Recycling: Tailored for Sustainability

Double Section Recycling Pelletizing Extrusion Line

Applicable Material : PP, PE, ABS, PS, POM, PC, PA, PMMA, PBT, PET, etc.

► CK-HSD120

- > Force feeder avoids material blockage during feeding
- > Mostly using strand pelletizing
- > Available for nasty or washed recycled material, especially for engineering plastic or rigid plastic manufacturing, such as ABS



Model	CK-HSD85	CK-HSD100	CK-HSD120	CK-HSD135	CK-HSD150	CK-HSD165
Screw Diameter (mm)	85	100	120	135	150	165
L/D Ratio	34-36	34-36	34-42	34-42	34-42	36-40
Main Motor (kW)	75	110	132	160	200	315
Output (kg/hr)	150-250	250-350	300-500	400-650	500-800	850-1200

- Output varies depending on the material used, and the data above is specific to ABS recycling.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

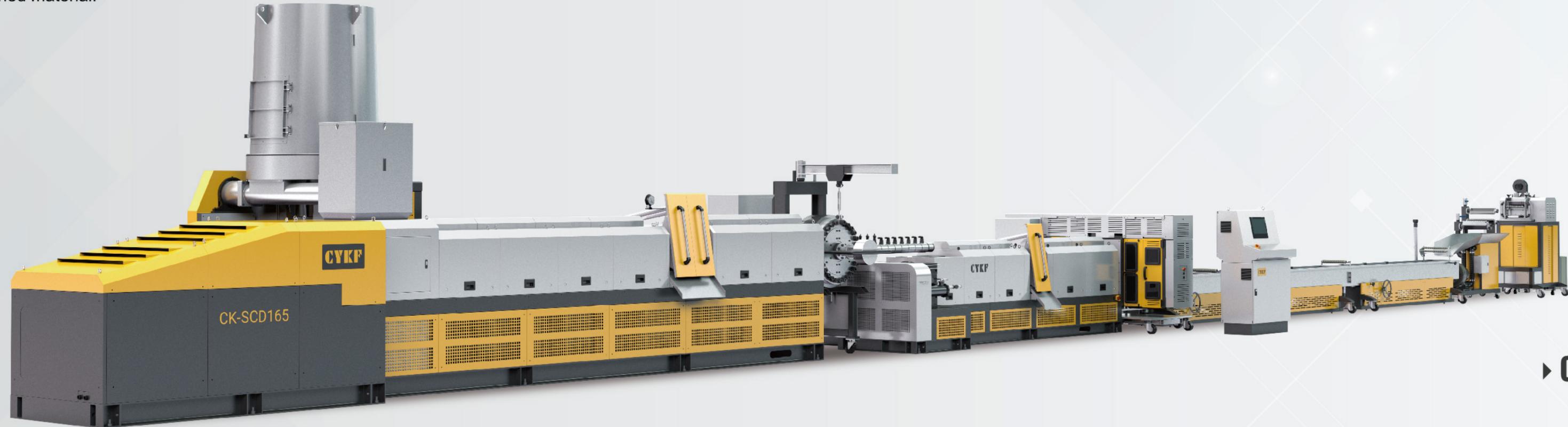


Recycling: Tailored for Sustainability

Side Shredding Type Double Section Recycling Pelletizing Extrusion Line

Applicable Material : PP, HDPE, LDPE, EPE, EPP, EPS, Nylon Fiber, PP Carpet and Filming Recycling

- > Double extruders design promotes cleanliness and reinforces the filter for the material.
- > Available for slightly nasty or washed material.



Model	CK-SCD100	CK-SCD120	CK-SCD135	CK-SCD150	CK-SCD165
Screw Diameter (mm)	100	120	135	150	165
L/D Ratio	32-36	32-36	32-36	32-36	36-40
Main Motor (kW)	75	110	132	160	250
Output (kg/hr)	200-300	300-400	350-500	400-600	600-900

- Output varies depending on the material used, and the data above is specific to PE filming recycling.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

► **CK-SCD165**

For PVC: DT Series

PVC Automatic Metering / Weighing / Conveying Pelletizing Extrusion Line

Applicable Material : UPVC, CPVC, Medical Grade PVC, Soft/ Rigid PVC, Foam, Wood Powder Additive

- > Fully automatic system save human resource and preparation time
- > Big productivity for company such as petrochemical plant
- > Precise equipment accurate the dose of more than 5 additives

Model	CK-55DT	CK-75DT	CK-95DT	CK-110DT	CK-130DT
Screw Diameter (mm)	55	75	95	108	132
L/D Ratio	22-30	22-30	22-30	22-28	22-28
Main Motor (kW)	11	30	55	90	110
Output (kg/hr)	Soft PVC	100-200	200-400	400-650	700-1000
	Rigid PVC	50-100	150-250	300-600	800-1200

- * Output varies depending on the material used.
- * All specifications, designs, and characteristics mentioned above are subject to change without prior notice.



► CK-130DT



For PVC: DT Series

PVC Pelletizing Extrusion Line

Applicable Material : UPVC, CPVC, Medical Grade PVC, Soft/ Rigid PVC, Foam, Wood Powder Additive

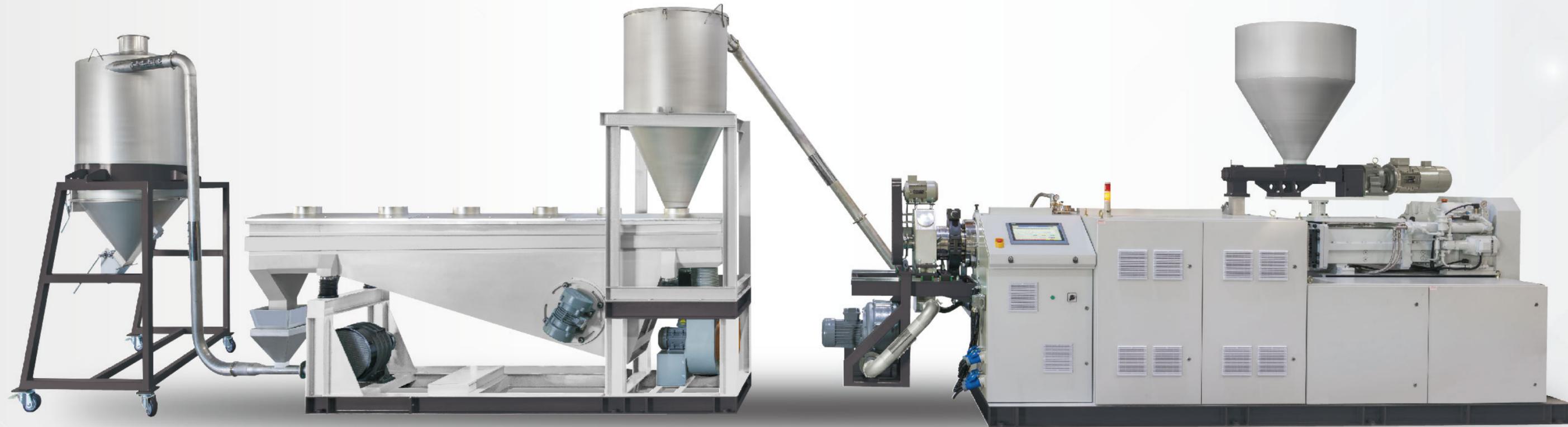
> Basic model recommends for PVC manufacturer

Model	CK-55DT	CK-75DT	CK-95DT	CK-110DT	CK-130DT
Screw Diameter (mm)	55	75	95	108	132
L/D Ratio	22-30	22-30	22-30	22-28	22-28
Main Motor (kW)	11	30	55	90	110
Output (kg/hr)	Soft PVC	100-200	200-400	400-650	700-1000
	Rigid PVC	50-100	150-250	300-600	800-1200

- Output varies depending on the material used.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.



▶ **CK-95DT**



For PVC: DT Series

Medical Grade PVC Pelletizing Extrusion Line

Applicable Material : Medical Grade PVC Material Compounding

> Especially design for high- level medical grade PVC compounding



▶ **CK-55DT**



Model	CK-55DT	CK-75DT	CK-95DT	CK-110DT	CK-130DT	
Screw Diameter (mm)	55	75	95	108	132	
L/D Ratio	22-30	22-30	22-30	22-28	22-28	
Main Motor (kW)	11	30	55	90	110	
Output (kg/hr)	Soft PVC	40-80	100-200	200-400	400-650	700-1000
	Rigid PVC	50-100	150-250	300-600	500-800	800-1200

- Output varies depending on the material used.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

NEW COLLECTION

WHERE EXTRUSION BECOME BETTER



Meet Extrusion Aesthetics:

With CYKF exclusive focus on aesthetic, we bring you products that not only excel in performance but also boast an unparalleled visual appeal.

Rest easy knowing that our commitment to aesthetic never compromises the superior quality you expect.



Compounds: Unleash Polymer Potential

Co-rotating Twin Screw Automatic Metering/ Weighing/ Conveying Pelletizing Compounding Line

Applicable Material : High percentage filler compounds including CaCO₃, TiO₂, Talc, Pigment, etc

> Automatic system for various materials compounding

Model	CK-32HT	CK-42HT	CK-58HT	CK-70HT	CK-80HT
Screw Diameter (mm)	32	42	58	71	80
L/D Ratio	36-46	36-52	36-52	36-52	36-52
Main Motor (kW)	18	55	132	200	250
Output (kg/hr)	20-80	50-180	150-450	250-750	450-1000

- Output varies depending on the material used, and the data above is specific to ABS.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.



▶ **CK-80HT**



Compounds: Unleash Polymer Potential

Co-rotating Twin Screw Underwater Pelletizing Compounding Line

Applicable Material : TPU, TPE, TPV,TPR, PP, PS, PLA, PVA, SEBS, EVA, Rubber, Hot-melt Adhesive, Speical Resin, Micro Pellet, etc

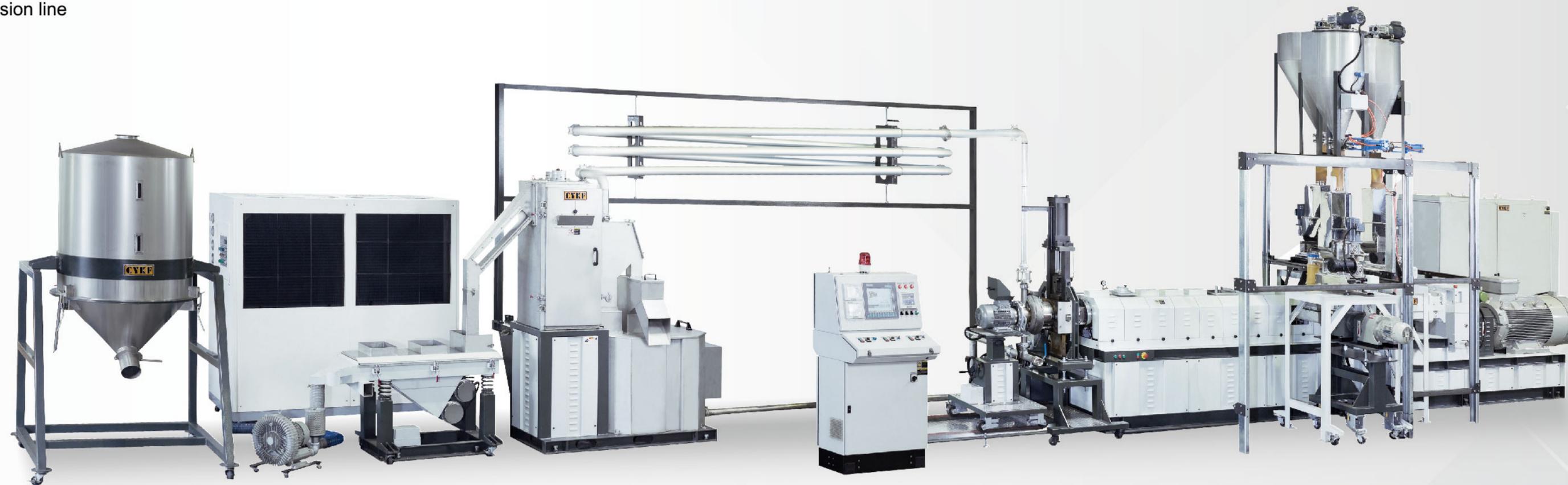
- > Using underwater pelletizing, suitable for soft, and high viscosity material
- > Special case refers to 4 stories high underwater pelletizing extrusion line

Model	CK-32HT	CK-42HT	CK-58HT	CK-70HT	CK-80HT
Screw Diameter (mm)	32	42	58	71	80
L/D Ratio	36-46	36-52	36-52	36-52	36-52
Main Motor (kW)	18	55	132	200	250
Output (kg/hr)	20-80	50-180	150-450	250-750	450-1000

- Output varies depending on the material used, and the data above is specific to TPU.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.



▶ **CK-70HT**



Compounds: Unleash Polymer Potential

Co-rotating Twin Screw Strand Pelletizing Compounding Line

Applicable Material : Composite Material, Glass Fiber Additive, Wood Powder Additive, PC, PE, PS, ABS, Nylon, LCP, PPS, etc

► CK-58HT



Model	CK-32HT	CK-42HT	CK-58HT	CK-70HT	CK-80HT
Screw Diameter (mm)	32	42	58	71	80
L/D Ratio	36-46	36-52	36-52	36-52	36-52
Main Motor (kW)	18	55	132	200	250
Output (kg/hr)	20-80	50-180	150-450	250-750	450-1000

- Output varies depending on the material used, and the data above is specific to ABS.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

- > Using strand pelletizing, suitable for high MI material
- > Its low cost and wide application features, become the most popular model
- > Can be used for coloring, composite, and micro pellet manufacturers



Laboratory : Research & Development

Multi-Function Laboratory Pelletizing Compounding System

Applicable Material : Various compounds and filler, including CaCo3, TiO2, Talc, pigment, etc

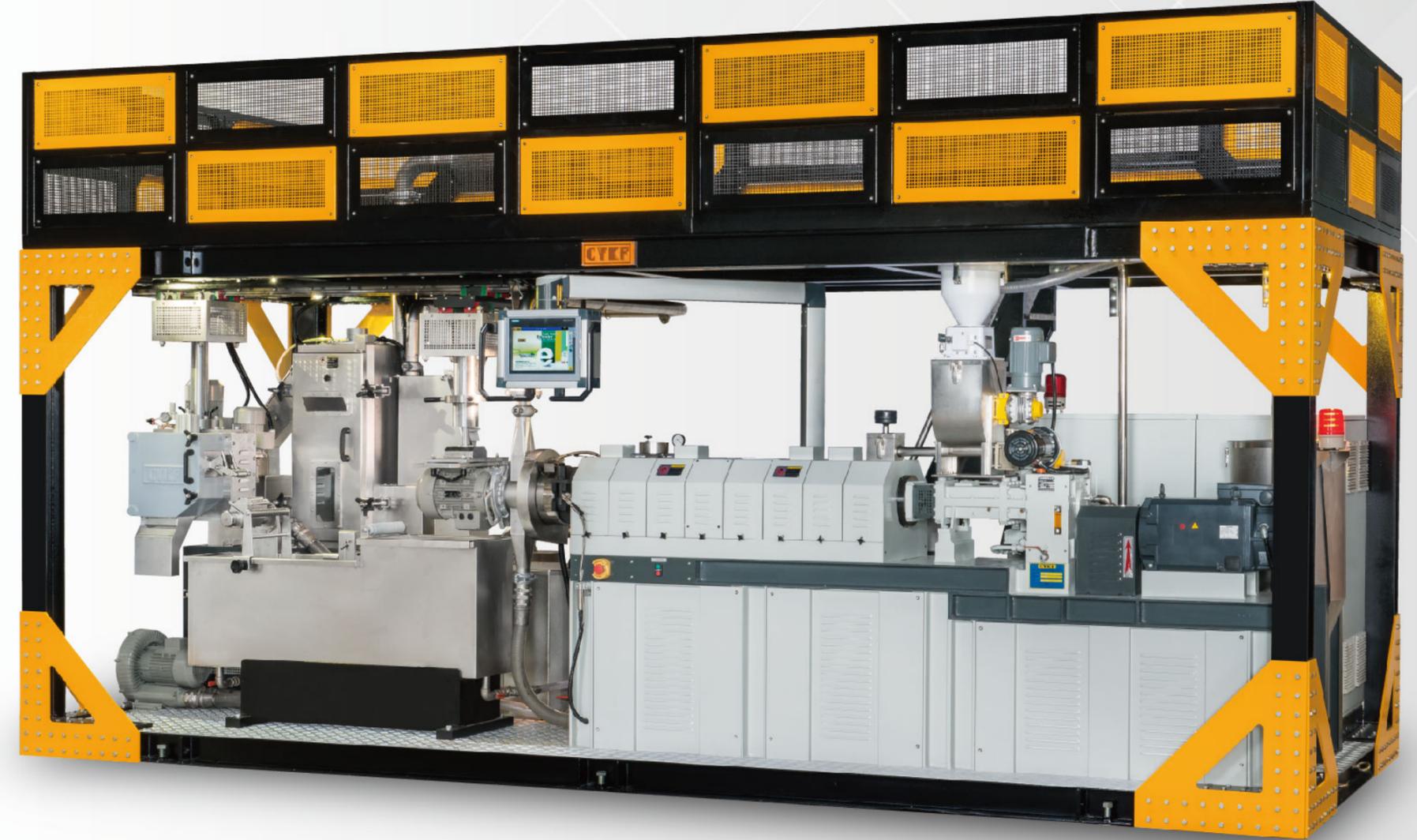
- > Integrate strand pelletizing, die face pelletizing, and underwater pelletizing in one machine
- > The compact machine size makes it suitable for limited spaces, such as laboratories
- > The design of the rack provides additional space for tool placement



Model	CK-32HT	CK-42HT
Screw Diameter (mm)	32	42
L/D Ratio	36-46	36-52
Main Motor (kW)	18	55
Output (kg/hr)	20-80	50-180

- Output varies depending on the material used, and the data above is specific to ABS.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

▶ **CK-32HT**

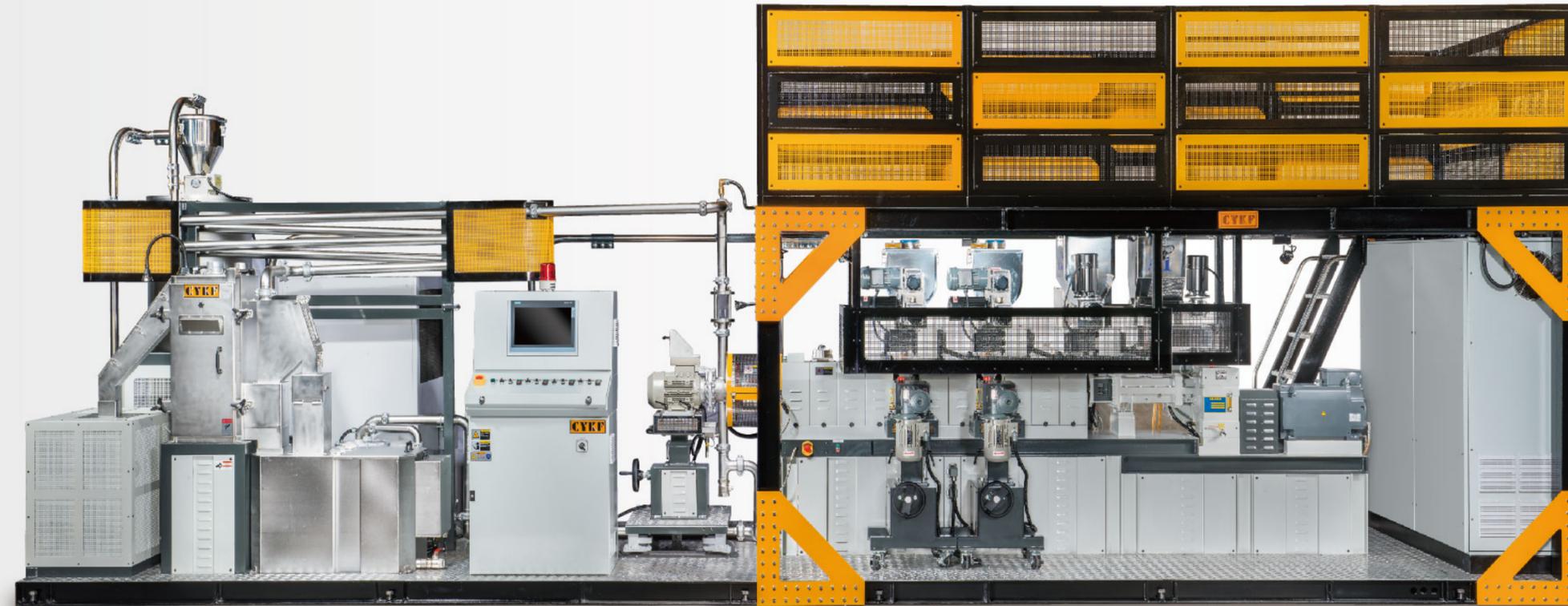


Laboratory : Research & Development

Laboratory Underwater Pelletizing Compounding System

Applicable Material : TPU, TPE, TPV, TPR, PP, PS, PLA, SEBS, EVA, Rubber, Hot-melt Adhesive, Special Resin, Micro Pellets, etc

- > Underwater pelletizing for soft and low MI material, such as TPU, TPR, EVA, etc
- > Equip side feeders for compound manufacturing that needs adding additives



Model	CK-32HT	CK-42HT
Screw Diameter (mm)	32	42
L/D Ratio	36-46	36-52
Main Motor (kW)	18	55
Output (kg/hr)	20-80	50-180

- Output varies depending on the material used, and the data above is specific to TPU.
- All specifications, designs, and characteristics mentioned above are subject to change without prior notice.

▶ **CK-42HT**

Auxiliary Equipment: Essential Booster

Feeding System

- Side Feeder
- Side Feeder Twin Screw
- Loss-In-Weight Feeder
- 2 in 1 Feeding System
- 4 in 1 Feeding & Mixing System

Mixing System

- Horizontal Blender
- Vertical Mixer
- Vertical Dry Mixer

Pelletizing System

- Strand Pelletizer
- Strand Pelletizer 3HP with Vibrating Screen
- Strand Pelletizer (Fully Stainless Steel Frame)
- Rotary Knife for Pelletizer



Pelletizing System

Strand Pelletizer

7.5HP/10HP/15HP/30HP



Mixing System

Horizontal Blender



Feeding System

Side Feeder / Side Feeder Twin Screw



Feeding System

Loss-In-Weight Feeder



Screening System

Vibrating Screen



Drying System

Strand Dryer



Drying System

- Centrifugal Dryer
- Strand Dryer
- Horizontal Ultrared
- Continual Rotating Tank Dryer
- Squeeze Dryer

Cooling System

- Vibrating Cooler

Screening System

- Vibrating Screen

Crushing System

- Powerful Crusher

Packaging System

- Weighing & Packaging System