



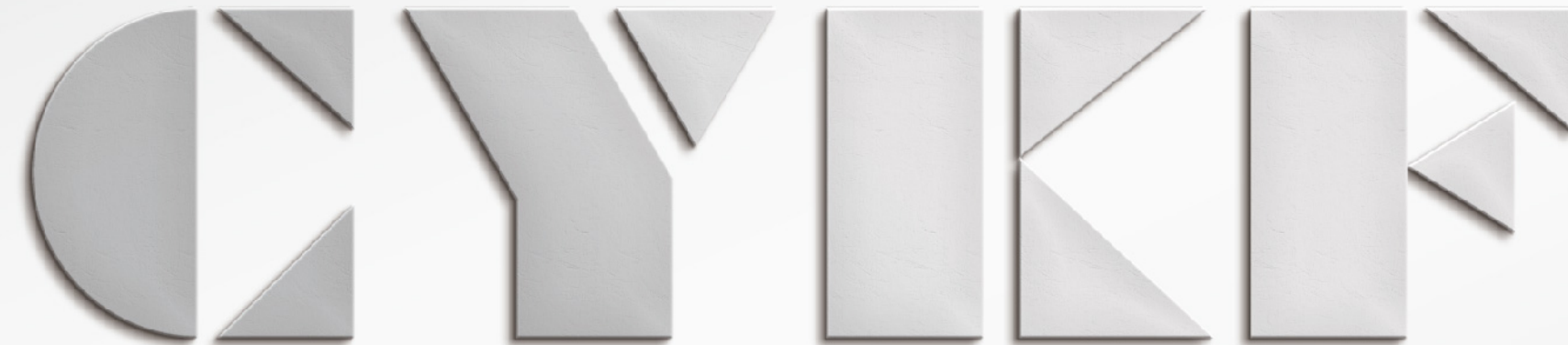
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CHENG YIEU DEVELOPMENT MACHINERY CO., LTD



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03

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

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

Single Screw Extruder

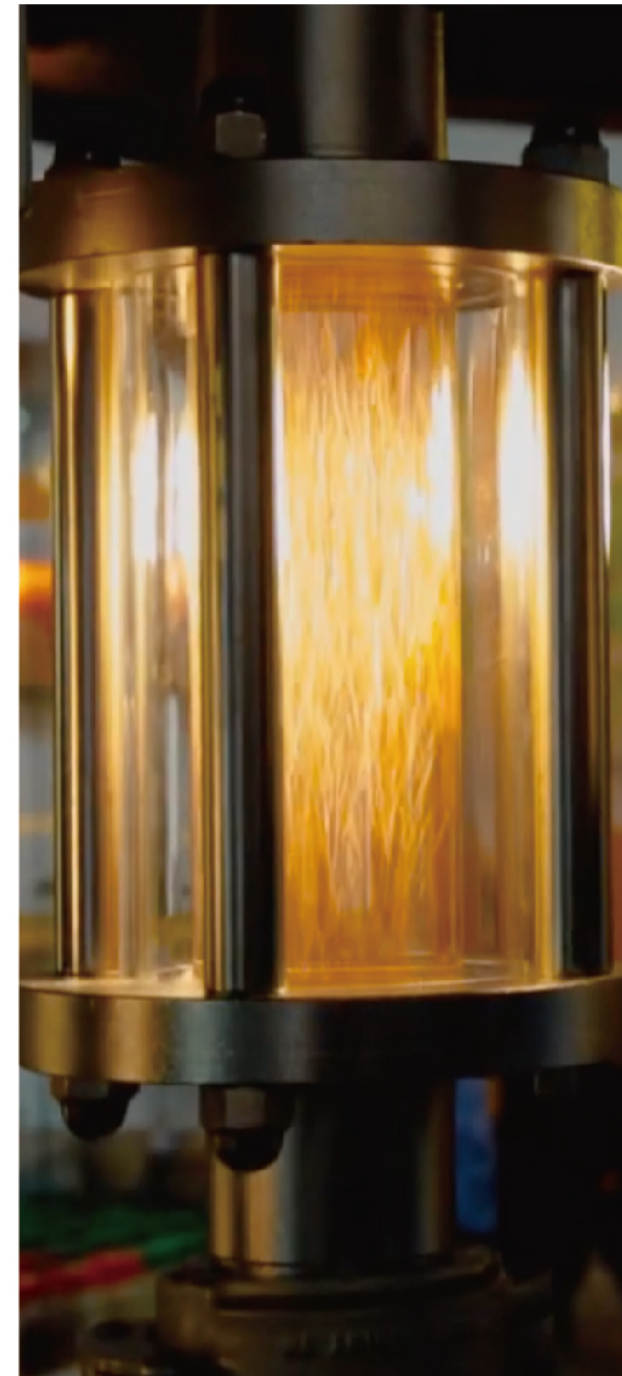
Single Screw Pelletizing Extrusion
Single Screw Underwater Pelletizing Extrusion Line
High Output Single Screw Pelletizing Extruder

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

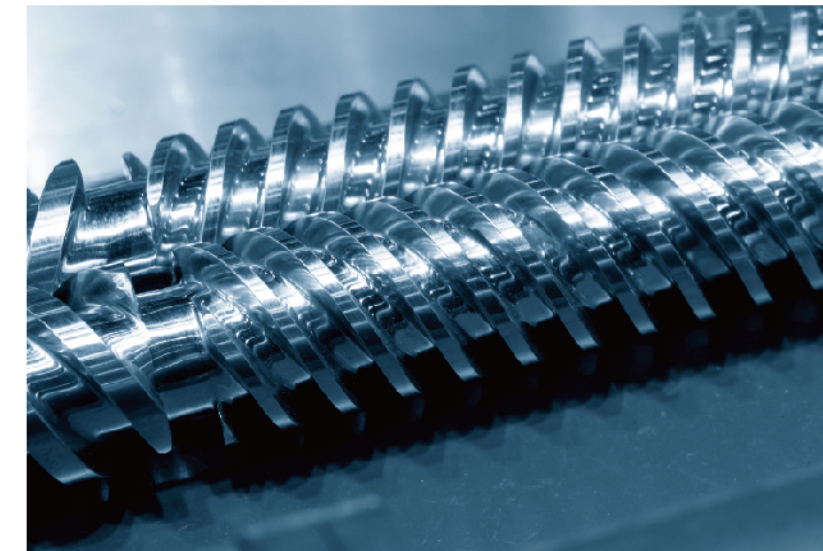
PVC Extruder

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

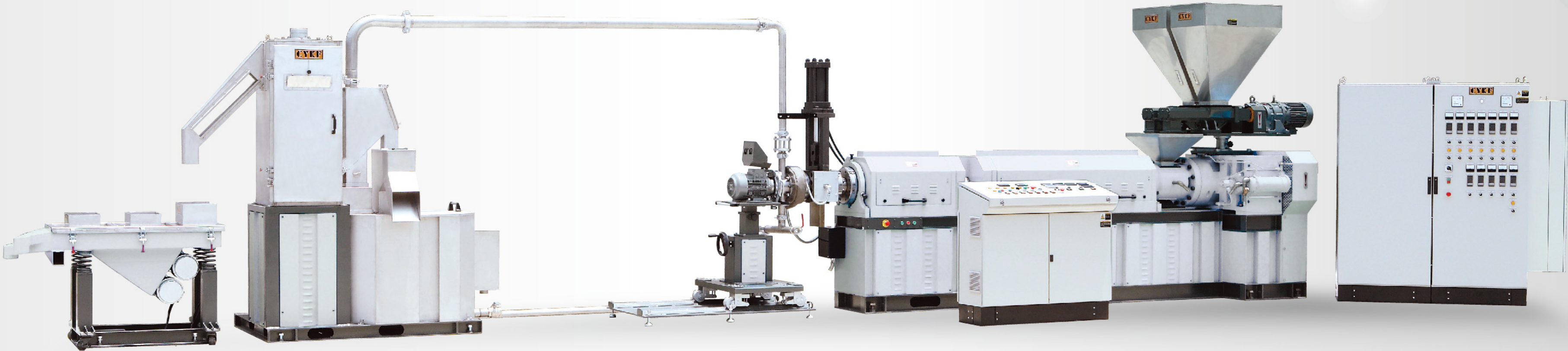
Single Screw Underwater Pelletizing Extrusion Line

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 visioity 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
Screw Diameter (mm)	85	100	120	135
L/D Ratio	32-36	32-36	32-36	32-36
Main Motor (kW)	75	110	160	200
Output (kg/hr)	200-300	300-500	500-750	700-1000

- 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-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



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

- 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-SC120

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

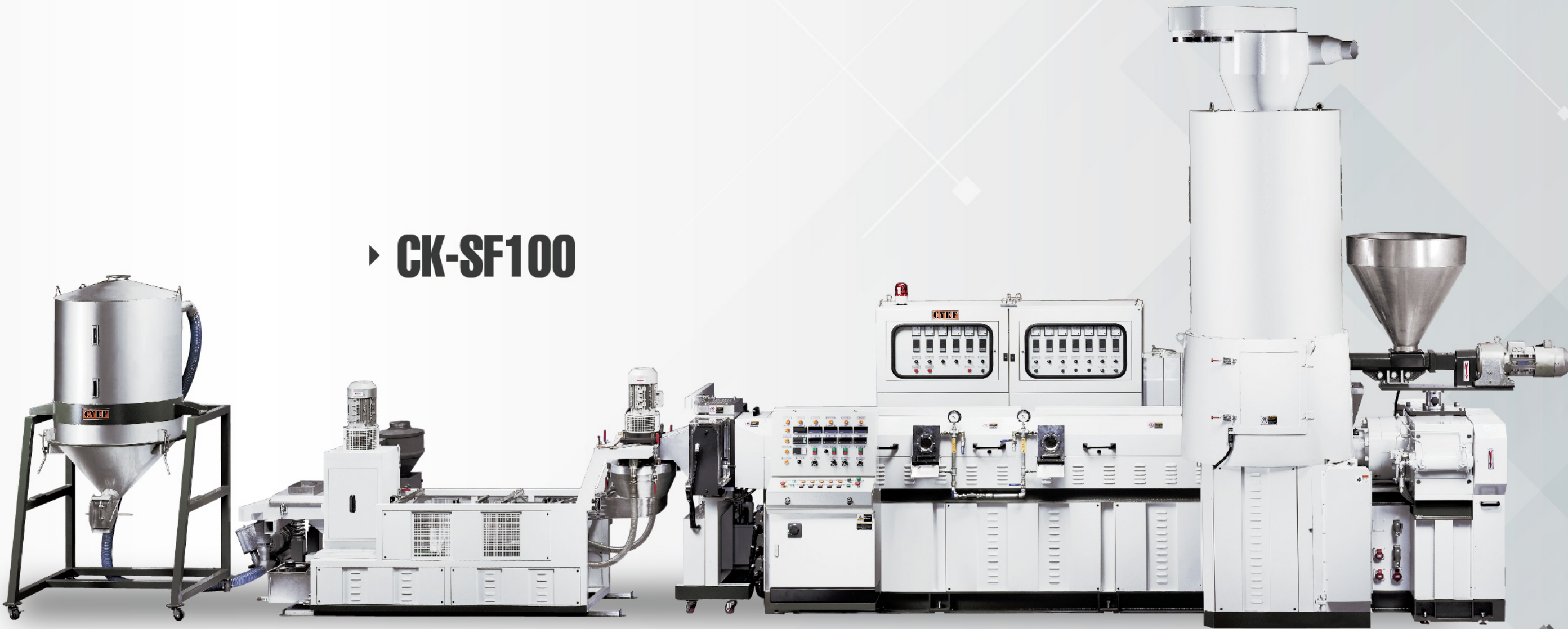
- > The feeding system squeezes fluffy materials into small sizes for better feeding
- > Suitable for clean or washed recycled shreds, mostly PP and PE



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

- 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

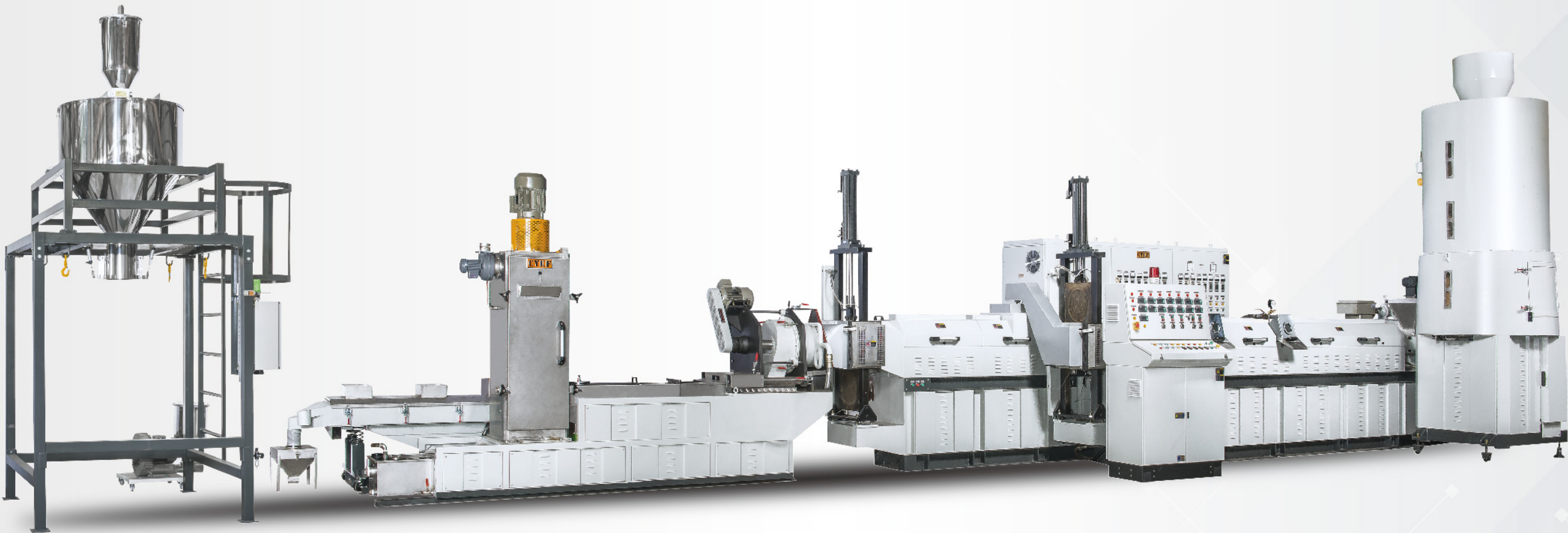
Applicable Material : PP, HDPE, LDPE, ABS, PS, EPE, EPP, EPS, Crushed Film, Flake, PP Jumbo Bag, PP Woven Bag

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



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

- 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-SFD150**

Recycling: Tailored for Sustainability

Double Section Recycling Pelletizing Extrusion Line

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

- > 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
Screw Diameter (mm)	85	100	120	135	150
L/D Ratio	34-36	34-36	34-42	34-42	34-42
Main Motor (kW)	75	110	132	160	200
Output (kg/hr)	150-250	250-350	300-500	400-650	500-800

- 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.

► CK-HSD120



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

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.

- > 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



► CK-130DT



For PVC: DT Series

PVC Pelletizing Extrusion Line

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

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
	Rigid PVC	50-100	150-250	300-600	500-800

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

> Basic model recommends for PVC manufacturer



► **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.

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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.

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Compounds: Unleash Polymer Potential

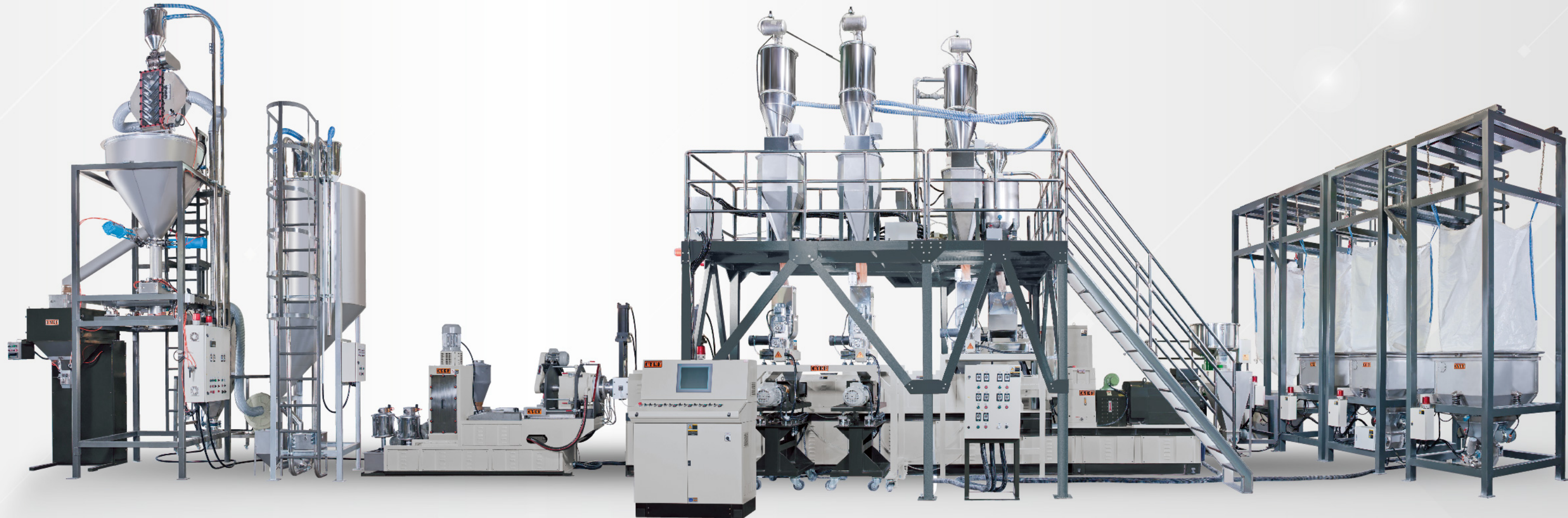
Co-rotating Twin Screw Automatic Metering/ Weighing/ Conveying Pelletizing Compounding Line

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

> Automatic system for various materials compounding



► **CK-80HT**



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.

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

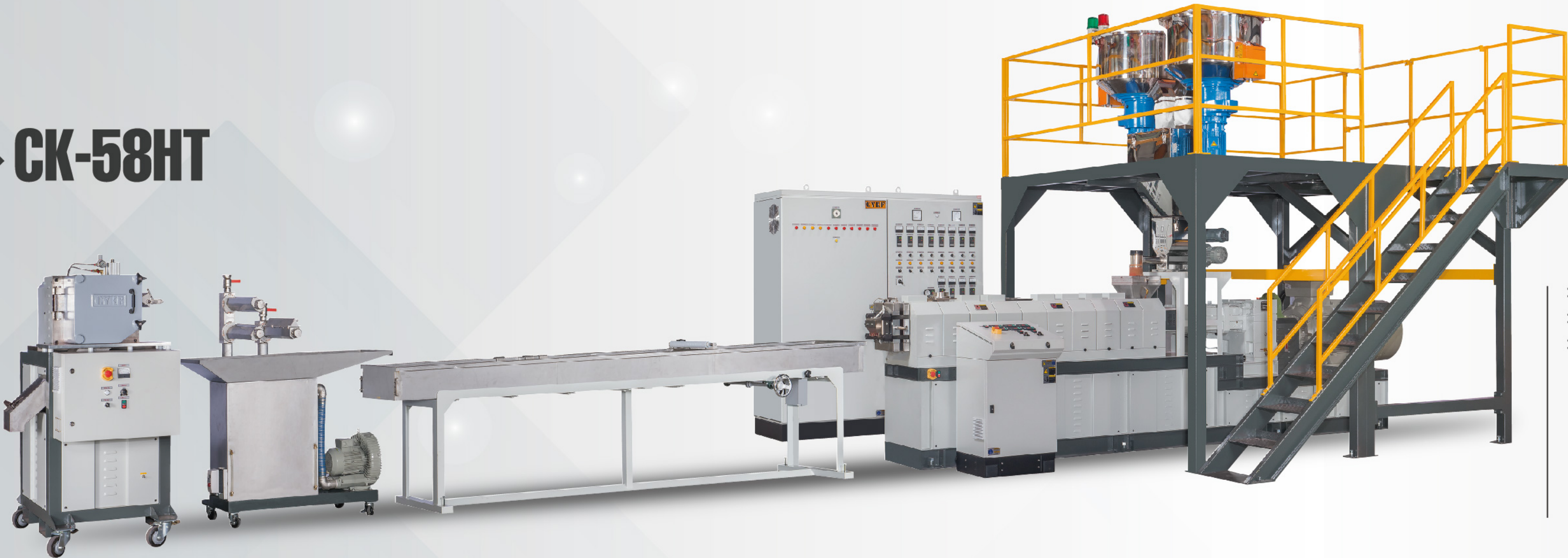


Compounds: Unleash Polymer Potential

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

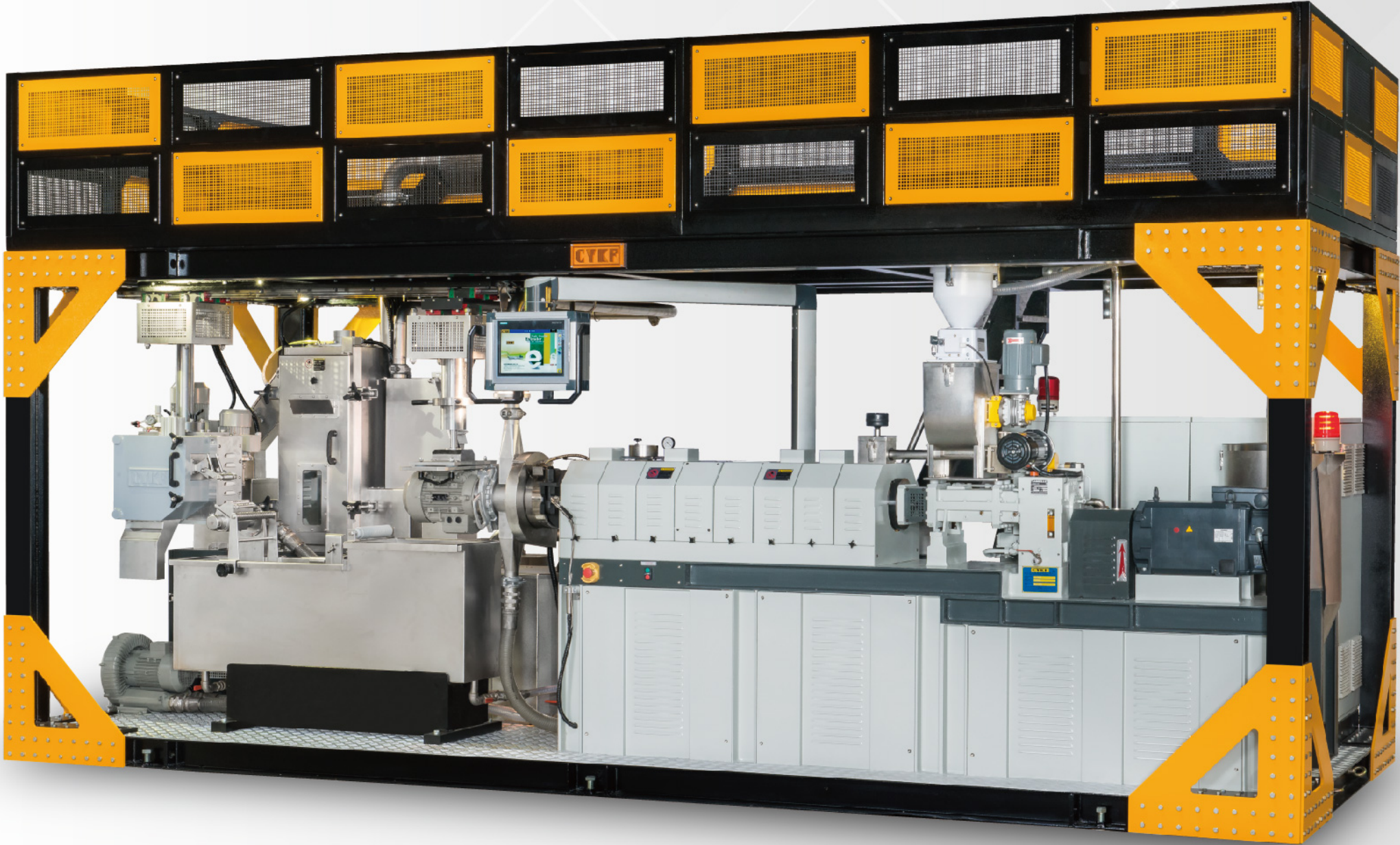
- > Integrate strand pelletizing, die face pelletizing, and underwater pelletizing in one machine
- > The compact machine size makes it suitable for limited spaces, such as laboratories
- > The design of the rack provides additional space for tool placement



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

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► **CK-32HT**

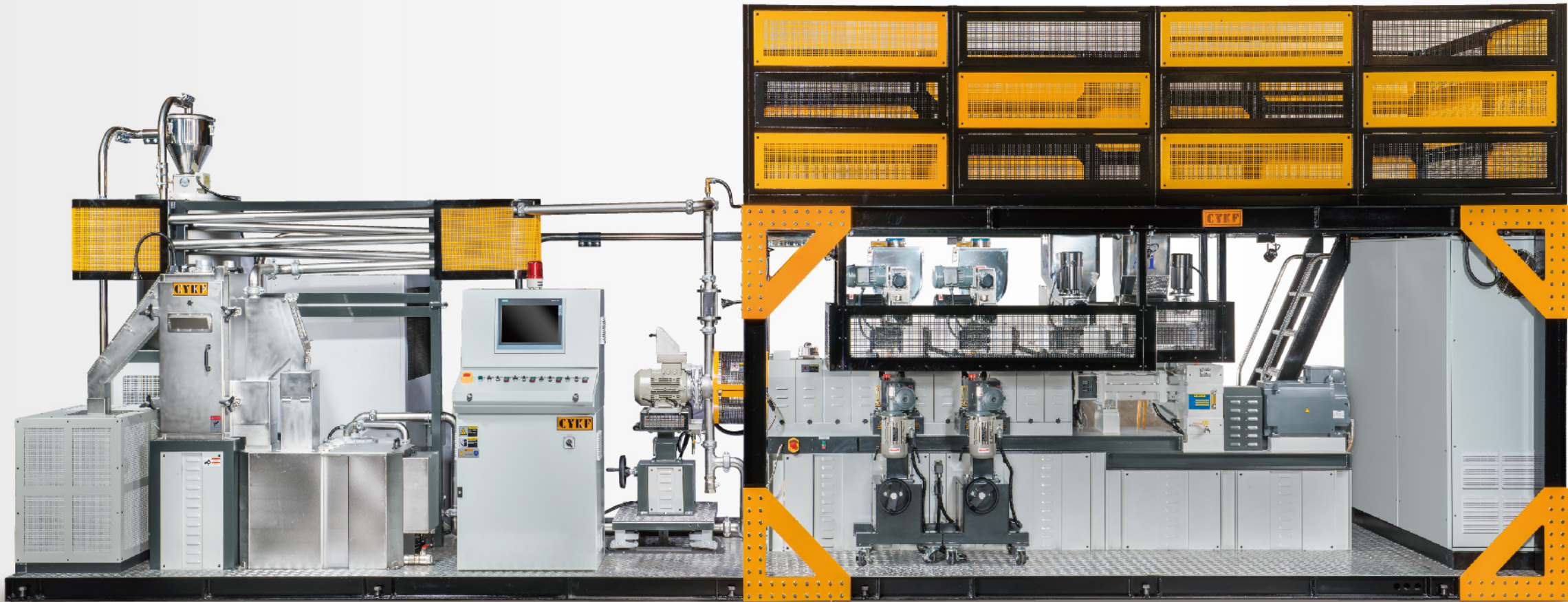


Laboratory : Research & Development

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



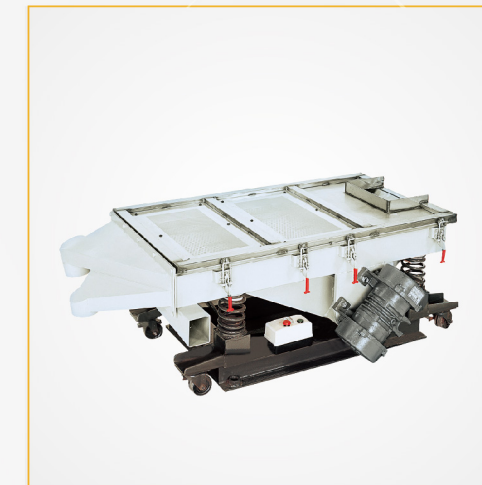
Feeding System

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