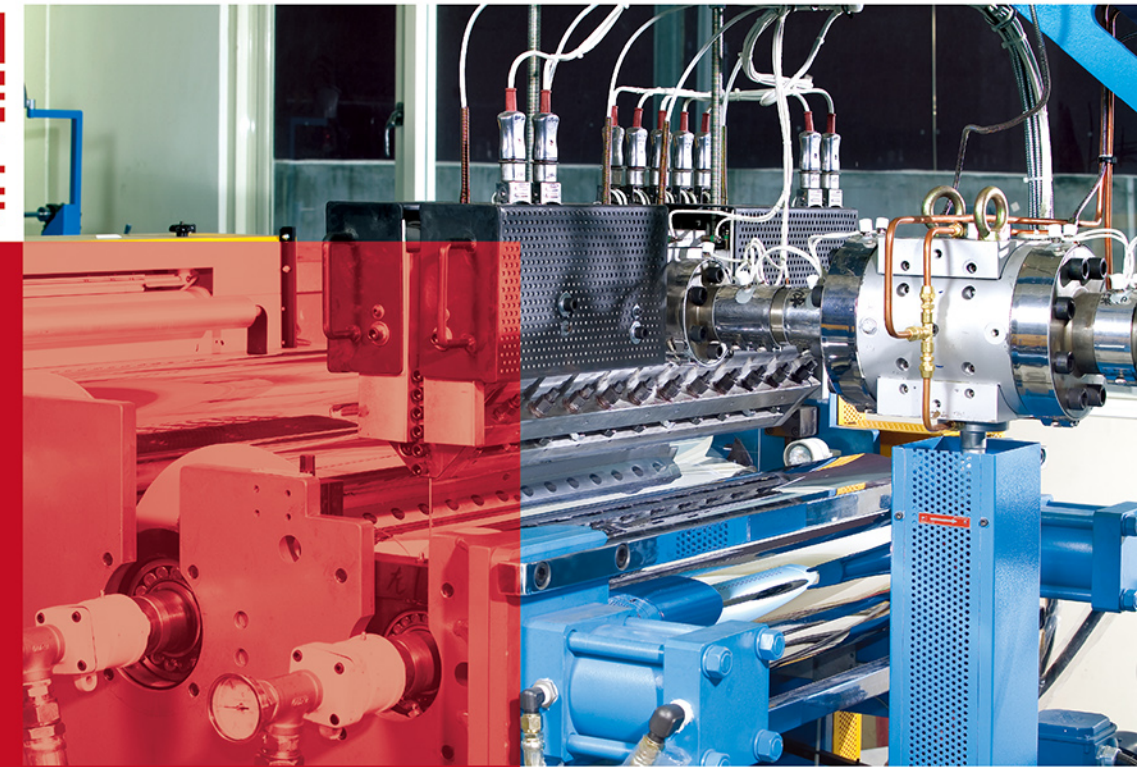




Design and R&D of a wide array of  
FILM and SHEET EXTRUDING MACHINES



No.48, Zhongshan Rd., Tucheng Dist.,  
New Taipei City 236, Taiwan.  
Tel: +886-2-2267-2585  
Fax: +886-2-2267-2997  
E-mail: ching.hsing@msa.hinet.net  
[www.chinghsing.com.tw](http://www.chinghsing.com.tw)



Dual Color Sheet Extruder

PET Single / Multilayer Sheet Extruder

PLA Sheet Extruder

TPU Film Extruder

PP, HIPS Multilayer-Sheet Extruder

PC / PMMA Optical Film Extruder

PP / PC Flame Retardancy Sheet Extruder



Design and R&D of a wide array of  
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# CHING HSING EXTRUSION LINES COMPANY PROFILE



Ching Hsing Iron Works Co., Ltd. is the leading brand of plastic extrusion equipment manufacturing in Taiwan. Established in 1953 by founder Qing Hai Lin, is engaged in the design and R&D of a wide array of film and sheet extruding machines.

With over three decades' continuous devotion to improving precision production technology, we are capable of providing customers with superlative extruding machines featuring comprehensive stability and durability, and have won their high approval and trust.

In recent years, packaging materials for food, industrial items and medicines, such as PET, PLA, and TPU, have replaced PVC, which contains toxic elements proven to endanger our living environment and human lives. To produce extruding machine models meeting the latest needs, we've spent a lot of time and energy on R&D, and have come up with spectacular results.

We moved to our new plant at the beginning of 2005, and are continuing to produce superior extruding machines. In the years ahead, we will develop much more superior models for our customers, creating mutually beneficial business opportunities and profits.



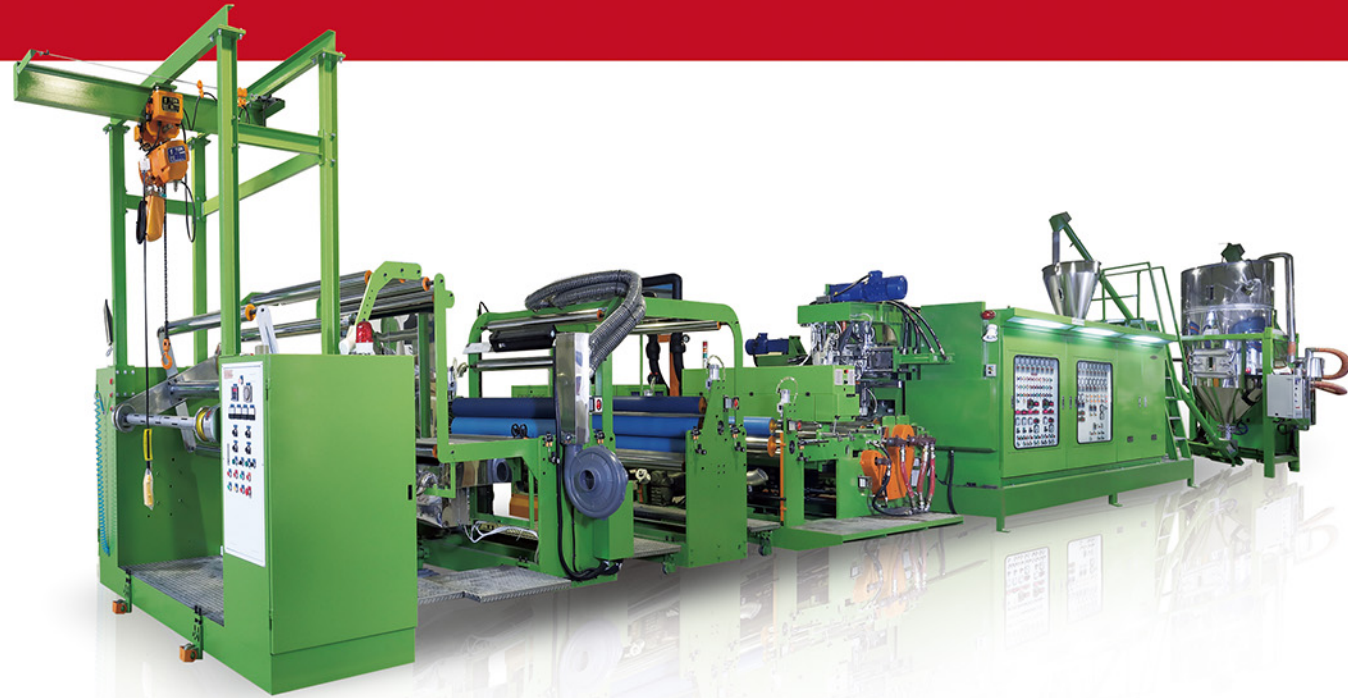
# Dual Color Sheet Extruder

### Side by side coextruded structures :

- Sheet for thermoformed food packaging hinged containers.
- Salad hinged container.
- Bakery hinged containers, eggs hinged containers.
- Point of purchase displays.

### Features :

- Adjustable width of stripes.
- Multimanifold dies, single manifold dies, without coextrusion feedblocks.
- Versatility to process various resins-PP / PET / HIPS.



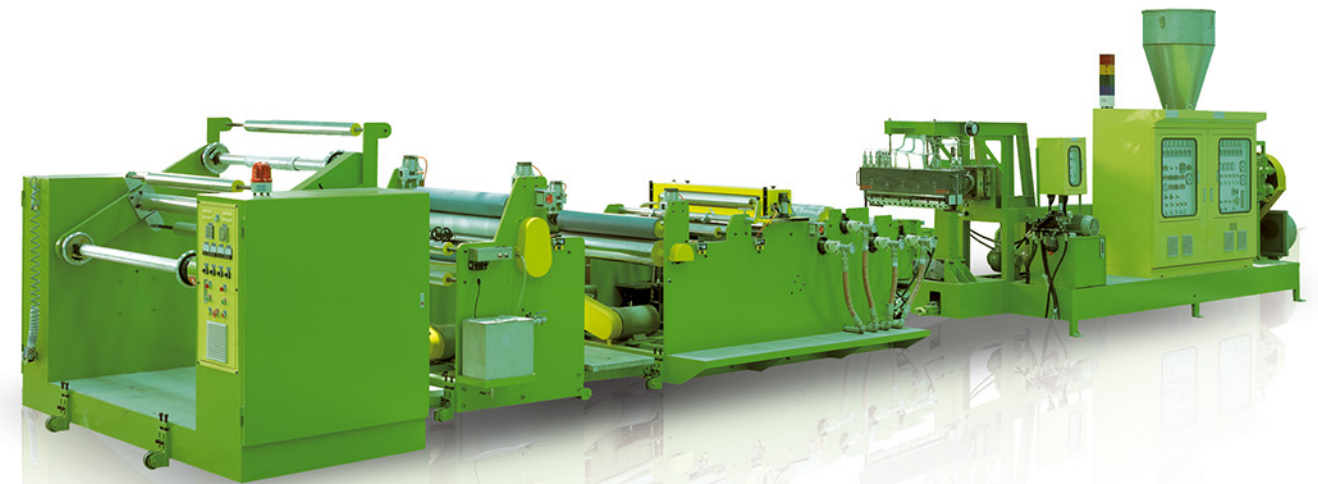
Item	Description
Materials	PET/PP
Extrusion Line	Multi-layer Extruder $\phi$ 100mm~ $\phi$ 120mm
Capacity	600kg/hr
Line Speed	40M/min
T-Die	Sheet width 600mm~1000mm
Product thickness	0.2~2.0mm
Chill Rollers	$\phi$ 300~ $\phi$ 450mm x 3sets
Screen Changer	2sets
Gear Pump	1set
Thickness Scanner	1set
Haul-off Equipment	1set
Silicone coating unit	2sets
Coating Drying	2sets
Trimming	1set
Edge Sheet Crusher	1set
Winder	1set

PS. We manufacture machinery to meet customers' requirement.



# PLA Sheet Extruder

Featuring high transparency and excellent water-resistance, PLA (poly-lactic-acid) is physically similar to plastics, yet it is 100% decomposable. Egg containers, bread containers, cake boxes, fresh-food trays, drink cups, bowls, and meal boxes made of PLA can be thoroughly decomposed after being used and buried.



Item	Description
Materials	PLA
Extrusion Line	Single Screw Extruder $\phi$ 100mm~ $\phi$ 150mm
Capacity	200kg/hr~800kg/hr
Line Speed	40M/min
T-Die	Sheet width 600~1000mm
Product thickness	0.2~2.0mm
Chill Rollers	$\phi$ 300~ $\phi$ 600mm x 3sets
Screen Changer	1~2sets
Gear Pump	1set
Thickness Scanner	1set
Haul-off Equipment	1set
Silicone coating unit	2sets
Coating Drying	2sets
Trimming	1set
Edge Sheet Crusher	1set
Winder	1set

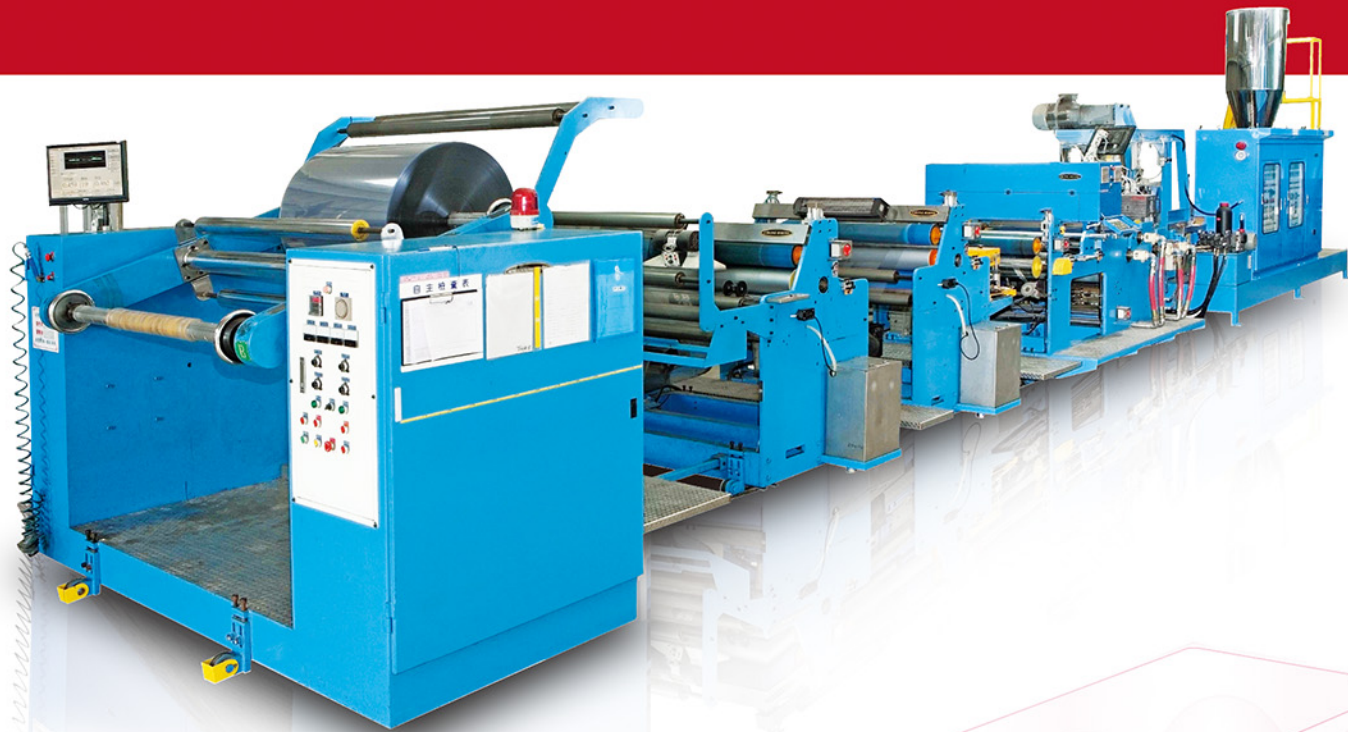
PS. We manufacture machinery to meet customers' requirement.





## PET Single Sheet Extruder

Featuring precision control and saving electricity consumption, this model has earned a solid reputation in Taiwan, mainland China, Thailand, Indonesia, and South America. It produces PET sheets featuring high transparency, high brightness, high strength, high resilience, and environment-friendliness, which are now replacing PVC sheets.

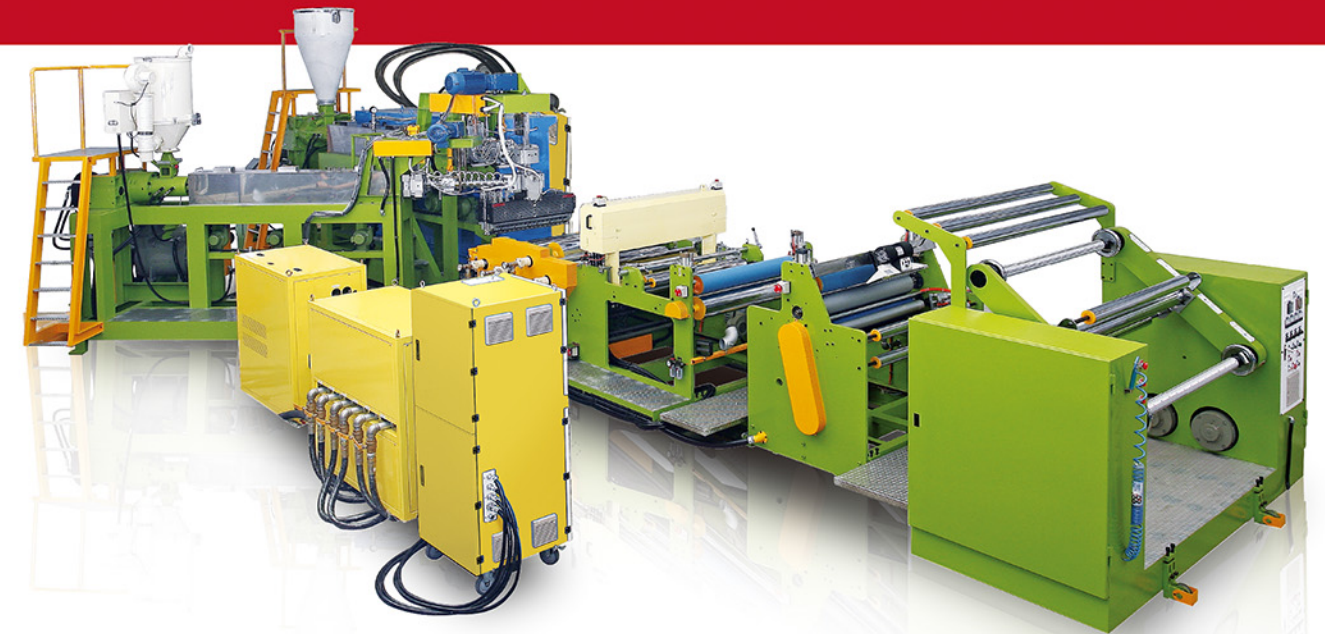


### PET SHEET EXTRUDER USING 100% BOTTLE FLAKES

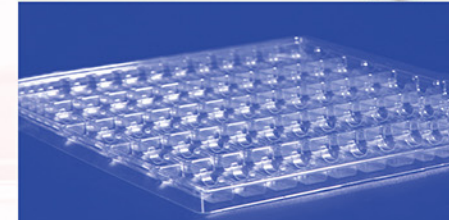


## PET Multilayer Sheet Extruder

- PET sheets are applicable for: Transparent containers for various types of fruit, vegetables, salads, eggs and sashi
- Molded transparent trays
- Cups, lids, cake-box covers
- Industrial packages: Blister sheets for stereo equipment, toys, and communications product parts, as well as antistatic packages and packages for electronics parts
- Medicine packages: Medicine/capsule packages
- Hand-folded boxes: Cosmetics cases, chocolate boxes, flowerboxes, and toy boxes



Item	Description
Materials	PET
Extrusion Line	Main Extruder $\phi$ 100mm~ $\phi$ 160mm Co Extruder $\phi$ 65mm~ $\phi$ 90mm
Capacity	300kg/hr~1200kg/hr
Line Speed	60M/min
T-Die	Sheet width 600~1450mm
Product thickness	0.2~2.0mm
Chill Rollers	$\phi$ 300~ $\phi$ 600mm x 3sets
Screen Changer	1~2sets
Gear Pump	1set
Thickness Scanner	1set
Haul-off Equipment	1set
Silicone coating unit	2sets
Coating Drying	2sets
Triming	1set
Edge Sheet Crusher	1set
Winder	1set



PS. We manufacture machinery to meet customers' requirement.

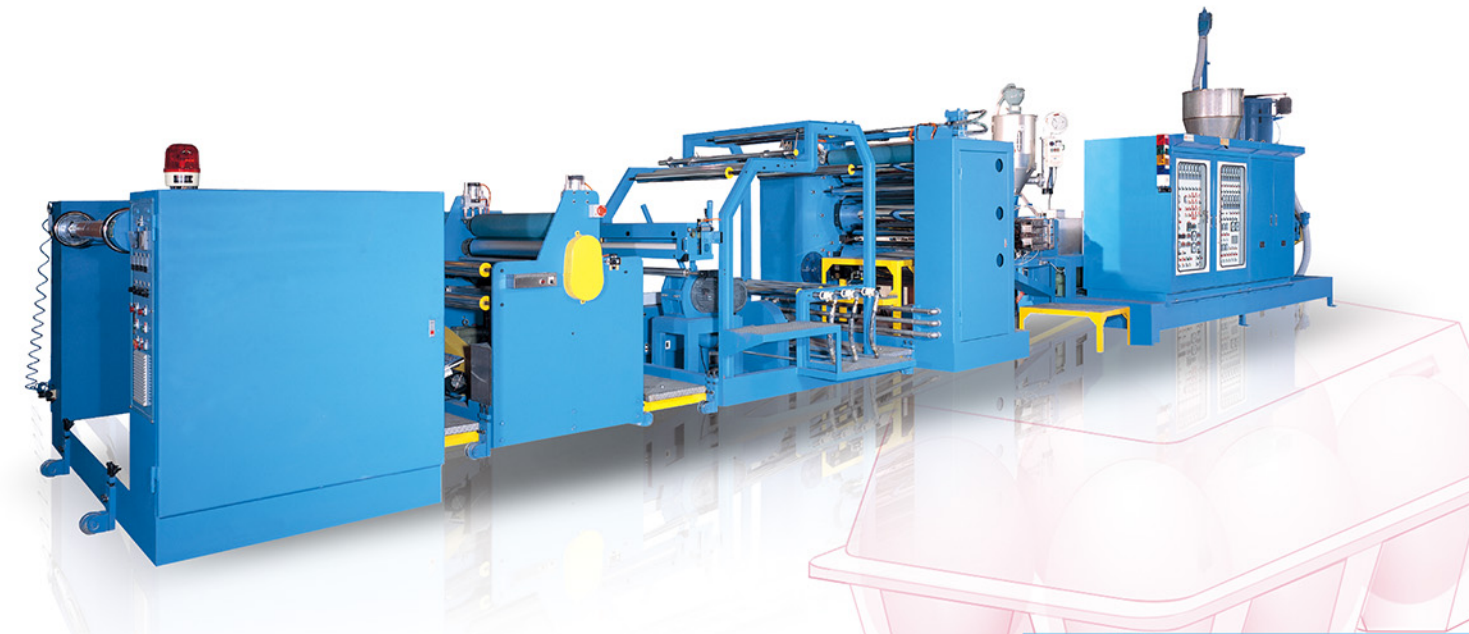
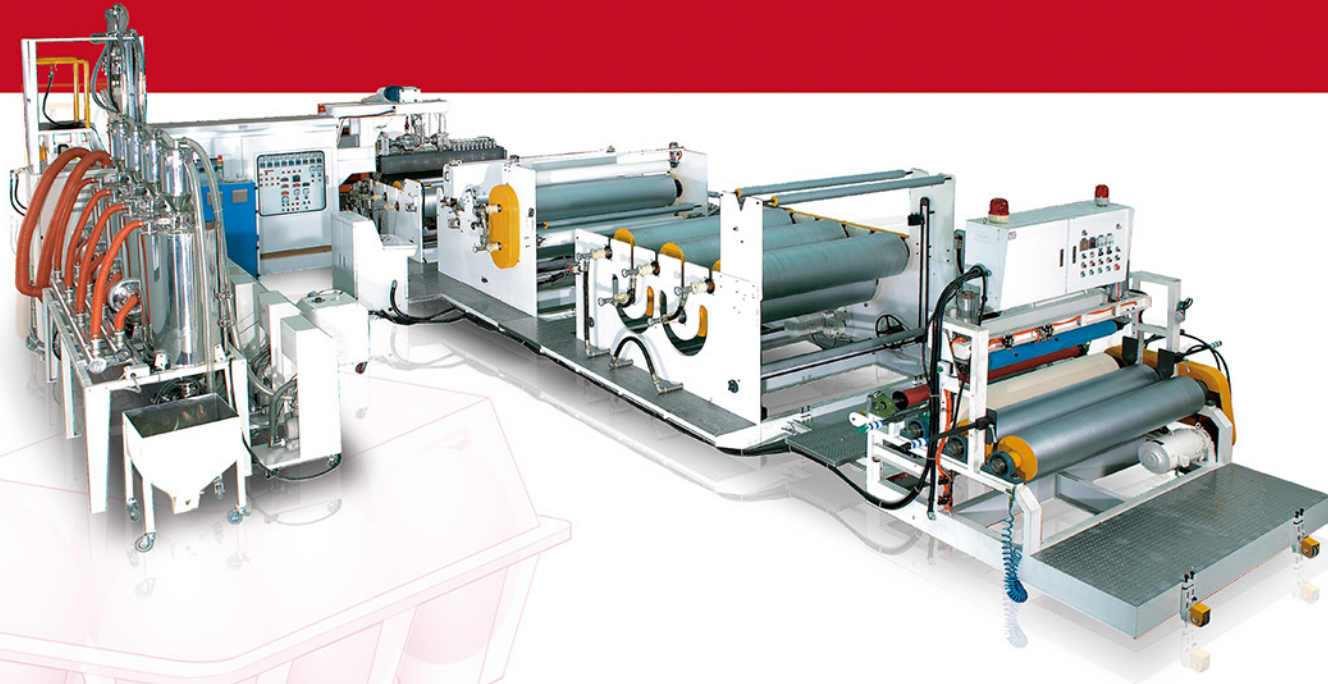


## TPU Film Extruder

This model provides TPU sheets, which is weatherproof, nontoxic, recyclable, and decomposable, and features high-tensile strength, excellent friction resistance, and superior flexibility, meeting the most critical end-application demands. Now this model is widely applied in the USA and Europe, flexible TPU sheets are top-grade materials for diving suits, waterbeds, windbreakers, snow jackets, plasma bags, shoes, knee pads, etc.

## PP, HIPS Multilayer-Sheet Extruder

Available in models producing double/triple-layer sheets, this machine, allows separate sheet-thickness adjustment, provides special deckles to adjust width sheets and can produce featuring both bright sides. The cost will be much lower than before.



Item	Description
Materials	TPU
Extrusion Line	Main Extruder $\phi 100\text{mm} \sim \phi 120\text{mm}$ Co Extruder $\phi 65\text{mm}$
Capacity	100kg/hr~250kg/hr
Line Speed	20M/min
T-Die	Film Width 900~1800mm
Product thickness	0.015~1.5mm
Chill Rollers	$\phi 300 \sim \phi 600\text{mm} \times 3\text{sets}$
Screen Changer	1~2sets
Gear Pump	1set
Thickness Scanner	1set
Haul-off Equipment	1set
Trimming	2set
Edge Sheet Crusher	1set
Winder	1set

PS. We manufacture machinery to meet customers' requirement.



Item	Description
Materials	PP/HIPS
Extrusion Line	Main Extruder $\phi 100\text{mm} \sim \phi 180\text{mm}$ Co Extruder $\phi 65\text{mm} \sim \phi 100\text{mm}$
Capacity	200kg/hr~1000kg/hr
Line Speed	40M/min
T-Die	Sheet Width 600~850mm
Product thickness	0.2~2.0mm
Chill Rollers	$\phi 300 \sim \phi 600\text{mm} \times 3\text{sets}$
Screen Changer	1~2sets
Gear Pump	1set
Thickness Scanner	1set
Haul-off Equipment	1set
Silicone coating unit	1set
Coating Drying	1set
Trimming	1set
Edge Sheet Crusher	1set
Winder	1set

PS. We manufacture machinery to meet customers' requirement.



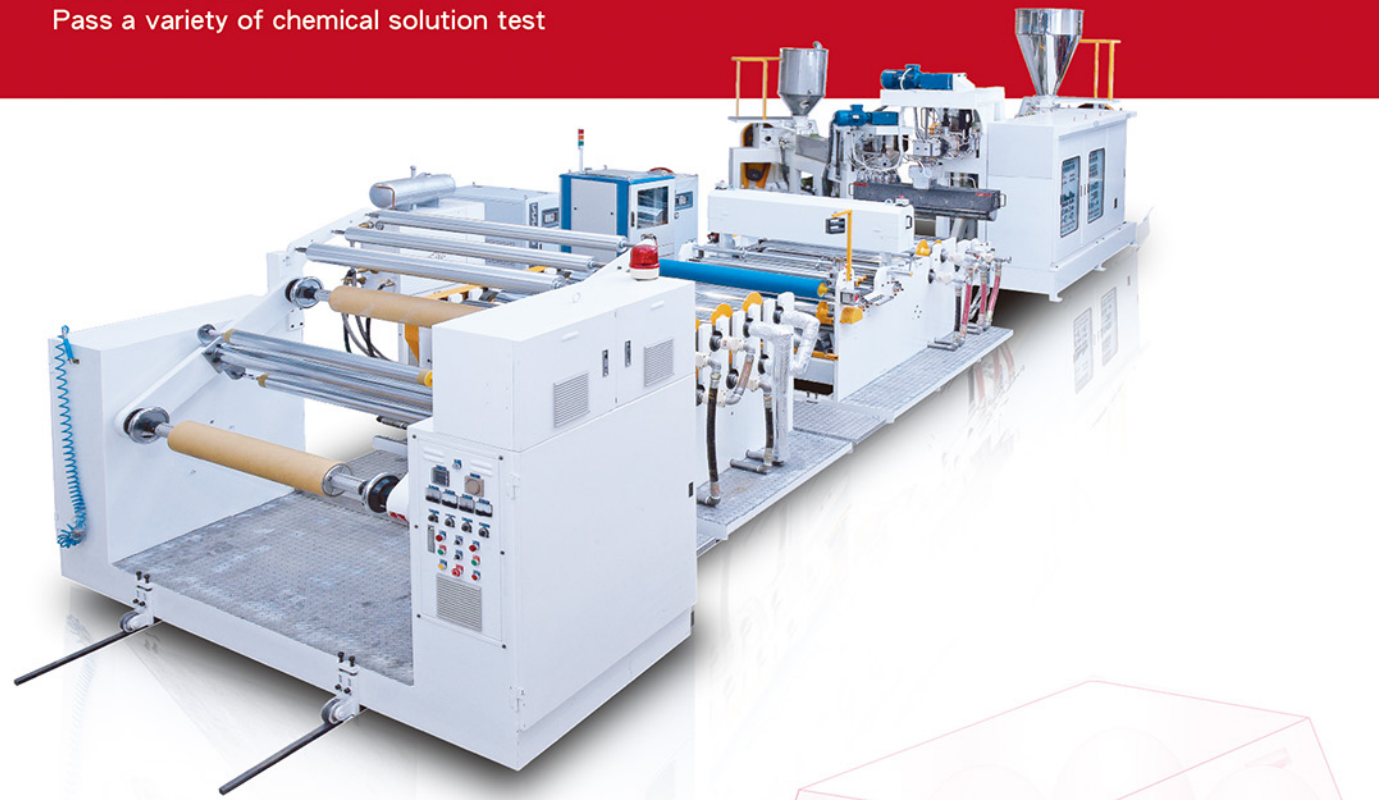


# PC/PMMA Optical Film Extruder

## PP/PC Flame Retardancy Sheet Extruder

IMD Film a breakthrough applied technology that make products more scratch-resisted, and save process lead time and labor cost.  
 This technology can apply in 3C industry, automotive components, and cosmetics products, such as mobile phone housing, all kinds of keypads, laptop casing, cosmetics bottle... and so on.

- Characteristics of IMF film
- Not sticky after high temperature bake
  - No cracks after 90° high pressure and high temperature forming
  - Pass Cross Test
  - Pass a variety of chemical solution test



Item	Description
Materials	PMMA / PC / PP / ABS
Extrusion Line	Main Extruder $\phi$ 100mm~ $\phi$ 150mm Co Extruder $\phi$ 65mm~ $\phi$ 90mm
Capacity	300kg/hr~800kg/hr
Line Speed	10M/min
T-Die	Sheet Width 800~1500mm
Product thickness	2~10mm
Chill Rollers	$\phi$ 300~ $\phi$ 600mm x 3sets
Screen Changer	2sets
Gear Pump	1set
Thickness Scanner	1set
Haul-off Equipment	1set
Lamination	1set
Trimming	1set
Winder	1set

PS. We manufacture machinery to meet customers' requirement.