

AB Blown Film Machine

Co-extrusion (2 Layer)
 Film Width from
 650~1800mm
 Extruder Dia:
 45mm, 55mm, 65mm, 80mm
 Material: LDPE, LLDPE
 Output:
 45~110 kg/hr



Equipped with two extruders, the AB type two layer blown film machine is able to produce two layer film with different material/color on each layer. The die head design ensures good color separation on each layer.

Application: Agricultural film, mulch film, construction, detergent bags, heavy duty bags, shopping bags, garment packaging, shrink film, consumer packaging and many others.

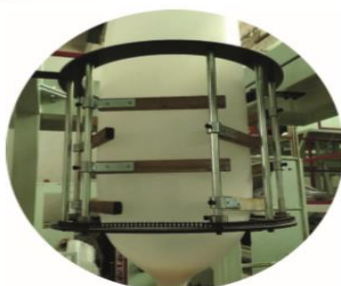
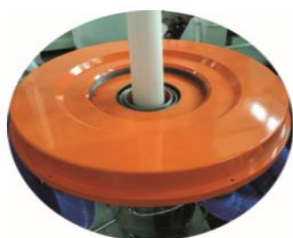
Specifications

MODEL	PTI -AB 45-45	PTI -AB 50-50	PTI -AB 55-55
SCREW DIA	45 mm *2	50 mm *2	55 mm *2
LD	30 1	30 1	30 1
SCREW MATERIAL	SACM-645 HARDEND NITROGEN TREATED		
MAX WIDTH	600 mm	800mm	1000 mm
OUT PUT	40-80 KG/HR	55-85 KG /HR	70-100 KG /HR
THICKNESS	0.008- 0.1	0.008- 0.1	0.008- 0.1
MATERIAL	HDPE	HDPE	HDPE

Model Name	PTI-AB
Final Product	LDPE, LLDPE Plastic Film
Application	Mulch film, agricultural film, flexible packaging film
Material used	LDPE, LLDPE virgin raw material, recycled material, CaCO ₃ compound, biodegradable material, masterbatch and additives
Output range	45~200kg/hr (depends on extruder size)
Film Layer	Multilayer - Two layer
Screw Diameter	45-80mm (customized)
Screw L/D	28/1,30/1 (customized)
Screw Material	SACM-465
Width	650~1800mm
Thickness	0.01~0.1mm
Optional Devices	Auto loader, masterbatch dosing system, rotary die head, bubble controller, corona treater, embossing roller, automatic winder, double winder
Delivery Time	60~120 days

A-B-A Blown Film Machine

Model: PTI-ABA
 3 Layer Co Extrusion
 Blown Film Machine



Model	PTI -ABA-40/45	PTI -ABA-45/50	PTI -ABA-50/55	PTI -ABA-55/60
SCREW DIA	40/45 mm	45/50 mm	50/55 mm	55 /60 mm
LD	30 1	30 1	30 1	30 1
SCREW MATERIAL	SACM-645 HARDEND NITROGEN TREATED			
MAX WIDTH	600 mm	800mm	1000 mm	1200mm
OUT PUT	25-40 KG /HR	40-65 KG /HR	50-100 KG/HR	60-110 KG/HR
THICKNESS	0.01-0.05	0.01-0.05	0.03-0.1	0.03-0.1
MATERIAL	HDPE	HDPE	LDPE	LDPE

Specifications

Model Name	PTI-ABA 3 Layer Co Extrusion Blown Film Machine
Final Product	HDPE, LDPE, LLDPE Plastic Film
Application	Flexible packaging bags, T-shirt bag, garbage bag, shopping bag
Material used	HDPE, LDPE, LLDPE virgin raw material, recycled material, CaCO ₃ compound, biodegradable material, masterbatch and additives
Output range	45~200kg/hr (depends on extruder size)
Film Layer	Multilayer - ABA Three layer
Screw Diameter	45+55mm, 55+65mm
Screw L/D ratio	28/1, 30/1 (customized)
Screw Material	SACM-465
Width	300~1400mm
HDPE	0.01 ~ 0.05 mm
LDPE	0.02 ~ 0.1 mm
Optional Devices	Auto loader, masterbatch dosing system, rotary die head, bubble controller, corona treater, embossing roller, automatic winder, double winder, EPC, tension controller
Delivery Time	60~120 days

The **A-B-A** blown film machine consists of two extruders, normally of two different sizes. The most common ones today are the combination of a 45mm screw diameter together with a 55mm for T-shirt bag production. For garbage bags, normally a 55mm screw diameter with a bigger 65mm is used. In the A-A outer layer, normally 20% of CaCO₃ is used, with some additional of color masterbatch, LLDPE and a larger percentage of HDPE. The B layer can be used with larger percentage of CaCO₃ with HDPE raw material. In-house recycled pellets can also be used to the mixture.

Besides reducing a significant amount of raw material used in the formula, another advantage of the ABA machine is that the 3 layer film that it produces is 30% stronger than film produced by a mono layer extruder. The ABA machine is also much more economic comparing to an ABC three layer machine as it has one extruder less.

DOUBLE COLOR STRIPES



Equipped with two extruders, the type two color blown film machine is able to produce two color film with different material/color on each hopper feeder. The diehead design ensures good color separation on stripes

Application: Agricultural film, mulch film, construction, detergent bags, heavy duty bags, shopping bags, garment packaging, shrink film, consumer packaging and many others

Specifications

MODEL	PTI -2C 40/600	PTI -2C 45800	PTI -2C 50/1000
SCREW DIA	40 mm *2	45 mm *2	50 mm *2
LD	30 1	30 1	30 1
SCREW MATERIAL	SACM-645 HARDEND NITROGEN TREATED		
MAX WIDTH	400 mm	650 mm	750 mm
OUT PUT	15-50 KG/HR	30-60 KG /HR	40-80 KG /HR
THICKNESS	0.008- 0.04	0.008- 0.04	0.008- 0.04
MATERIAL	HDPE	HDPE	HDPE

Model Name	PTI 2C Blow Film Machine
Final Product	HDPE, LDPE, LLDPE Plastic Film
Application	Flexible packaging bags, T-shirt bag, garbage bag, shopping bag
Material used	HDPE, LDPE, LLDPE virgin raw material, recycled material, CaCO ₃ compound, biodegradable material, masterbatch and additives
Output range	15 ~ 50kg/hr (depends on extruder size)
Film Layer	Mono Layer (One Layer)
Screw Diameter	40-55mm (customized)
Screw L/D	26/1,28/1,30/1 (customized)
Screw Material	SACM-645
Width	100~800mm
Thickness	HDPE 0.008~0.04mm, LDPE 0.02~0.04mm
Optional Devices	Auto loader, masterbatch dosing system, rotary die head, bubble controller, corona treater, embossing roller, automatic winder, double winder
Delivery Time	60~75 days

Blown Film Machine

Monolayer (1 layer)

Film Width from
200~800mm

Extruder Dia:

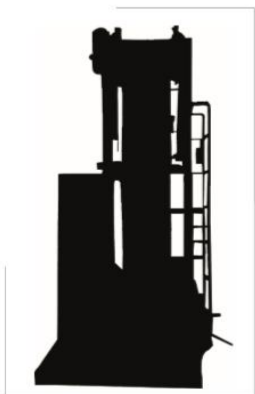
40mm, 45mm, 55mm

Material:

HDPE, LDPE, LLDPE,
Masterbatch, CaCO₃

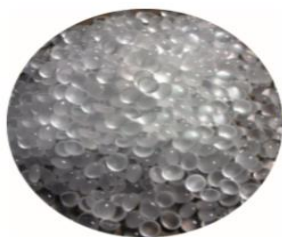
Output:

15~50kg/hr



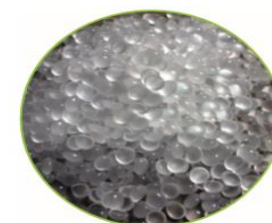
A

B



Specifications

MODEL	PTI -M40/400	PTI -M45/650	PTI -M50/750	PTI -M55/800
SCREW DIA	40 mm	45 mm	50 mm	55 mm
MAX WIDTH	400 mm	650 mm	750 mm	800 mm
OUT PUT	15-30 KG/HR	20-40 KG /HR	25-40 KG /HR	30 50 KG/HR
THICKNESS	0.008- 0.04	0.008- 0.04	0.008- 0.04	0.008- 0.04



Model Name	PTI- M Blow Film Machine
Final Product	HDPE, LDPE, LLDPE Plastic Film
Application	Flexible packaging bags, T-shirt bag, garbage bag, shopping bag
Material used	HDPE, LDPE, LLDPE virgin raw material, recycled material, CaCO ₃ compound, biodegradable material, masterbatch and additives
Output range	15 ~ 50kg/hr (depends on extruder size)
Film Layer	Mono Layer (One Layer)
Screw Diameter	40-55mm (customized)
Screw L/D	26/1,28/1,30/1 (customized)
Screw Material	SACM-645
Width	100~800mm
Thickness	HDPE 0.008~0.04mm, LDPE 0.02~0.04mm
Optional Devices	Auto loader, masterbatch dosing system, rotary die head, bubble controller, corona treater, embossing roller, automatic winder, double winder
Delivery Time	60~75 days

PP Blown Film Machine



Specifications

Model	PTI PP40	PTI PP45	PTI PP50	PTI PP55
Applicable Material	PP			
Screw Dia. (mm)	Φ40	Φ45	Φ50	Φ55
Max. Film Width (mm)	400	500	600	800
Max. Output	25 kg/hr	30 kg/hr	40 kg/hr	50 kg/hr
Screw L/D Ratio	30:1	30:1	30:1	30:1
Main Motor (w/ Inverter)	15 KW	18.5KW	22KW	30KW

High Speed PP Blown Film Machine is suitable for producing PP bags and films.

Features

Special design of screw results in better mixing to ensure high output and good film quality.

AC inverter control motor for energy saving.

The water-quenched system effectively makes films glossier and more transparent, very suitable for food, flower and garment packaging.

Also capable of producing multilayer films

Optional Devices

Auto-loader

Hopper dryer

Rotary die

Embossing roller

Corona treater

Double-station winder

Air compressor

Bag Making Machine



Model Name	PTI-BS Bottom Sealed Bag Making Machine
Final Product	Bottom Sealed Bags
Application	Flat Bag, Pop-up Top Bag, T-shirt Bag, Die Cut Punched Bag
Material	HDPE, LDPE, LLDPE, PP Film
Output range	30 -720 pcs/min
Machine Width	32~42 inches
Bag Width	100mm~900mm
Bag Thickness	0.008~0.1mm
Servo motor	Yaskawa
Photocell	SICK
Optional Devices	Automatic Punching Device, Manual Punching Device
Delivery Time	60~75 days
SSR	ADOPTED

Specifications

MODEL	PTI -BS32-4	PTI -BS32-4	PTI -BS32-4	PTI -BS32-4
LANES /LAYERS	2*4	2*4	3*6	3*6
DECKS	2	2	2	2
WIDTH	350MM	450MM	350MM	450MM
LENGTH	800MM	800MM	800MM	800MM
THICKNESS	0.015	0.015	0.015	0.015
SPEED 1 LANE	30-120	30-120	30-120	30-120
SPEED 4 LANES	120-480	120-480	180-720	180-720

COLD CUTTING BOTTOM SEALING

Bottom sealed type bag making machine is designed for making flat bag, pop-up plastic bag and packaging bag. Both gusseted and non gusseted plastic film can be processed by this machine. This bottom sealed bag making machine is a basic type bag making machine to make flat bags for deli bags, bakery bags and bags for food packaging.

The specially designed bottom sealed bag making machine can load maximum 6 rolls of plastic films at the same time. Maximum output of 6 lanes can reach 720 pcs of flat bags per minute.

In addition to make flat bag from this machine, the machine is available for producing 6 different types of bottom sealed type plastic bag



Plastic Recycling Machine



Specifications



MODEL	PTI P2R100/80	PTI P2R120/100	PTI P2R140/125	PTI P2R160/135
FIRST SCREW DIA	100MM	120/100MM	140/125MM	160/1MM
LD	25 1	25 1	25 1	25 1
SCREW MATERIAL	SACM-645 HARDEND NITROGEN TREATED			
GEAR BOX	D420	D420	D460	D500
MOTOR	37KW	45KW	55KW	75KW
THICKNESS	0.01-0.05	0.01-0.05	0.03-0.1	0.03-0.1
BABY SCREW DIA	80MM	100MM	125MM	135MM
LD	10 1	10 1	10 1	10 1
SCREW MATERIAL	SACM-645 HARDEND NITROGEN TREATED			
MOTOR	18.5KW	22KW	30KW	37KW
GEAR BOX	D300	D320	D400	D400
MATERIAL	PE PP	PE PP	PE PP	PE PP
SSR				

plastic recycling machine Pisces is designed for the reprocessing of PE polyethylene (HDPE, LDPE, LLDPE) and PP polypropylene flexible packaging material, printed and non-printed. This cutter integrated pelletizing system eliminates the need of pre-cutting the material, requires less space and energy consumption while producing high quality plastic pellets at a productive rate.

Heavy Duty Granulator

PTI –HG Heavy Duty Granulators are designed for high capacity size reduction of larger sized products in a single pass. These machines are specifically designed for treating plastic film or PP big bag material of high contamination. Incorporating various different methods of wear protection such as replaceable wear plates and resistant surface coatings, the machines are well suited to processing abrasive, contaminated materials such as glass filled plastics and dirty films containing sands.

Typical Applications Include:

Plastics – Mouldings, Profiles, Films etc.

Rubber – Tire Rubber, Relaim Rubber Products etc.

Paper & Cardboard – Confidential Documents, Production

Waste, Packaging Materials etc.

Copper Cable – Household, Telecoms and Industrial Cables including S.W.A.

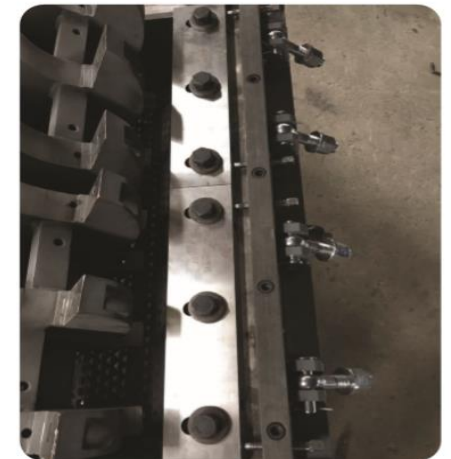
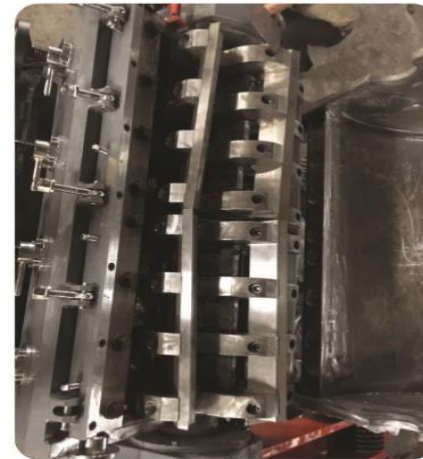
Textiles – Carpet (Rolls & Tiles) etc.

Foam – Production Waste etc.



Specifications

MODEL	PTI -HG 800/450	PTI -HG 100/1200	PTI -HG 1300/1600	PTI -HG 1700/2000
ROTARY BLADES	6	10	10	10
FIXED BLADES		600	600	600
BLADES DIA	600 mm	800mm	1000 mm	1200mm
BLADES LENGTH	400	400	500	600
BLADS MATRIAL	D2	D2	D2	D2
POWER	37KW	45KW	55KW	75KW
SPEED	450 RPM	410RPM	380RPM	350RPM
SCREEN HOLE DIA	12MM	12MM	12MM	12MM
FEEDING SIZE	600*800 MM	700*1000 MM	705*1200 MM	705*1400MM
HYDRAULIC	1.1KW	1.1KW	1.5KW	1.5KW
WEIGHT	3500KG	4000KG	4700KG	5500KG
OVER ALL DIMINTIONS	2000*1750*3150MM	2100*1750*3500MM	2300*1950*3500MM	2300*2150*3350MM
BLOWER	7.5KW	7.5KW	7.5KW	7.5KW
SILO	200KG	200KG	200KG	200KG



Hydraulic Cutting Press



The machine is applicable for cutting of various nonmetal materials by die cutter. The use of time control allows for simple and convenient setting of cutter depth. Operation with both hands, safe and reliable. The inertial energy of Flying wheel is used so that the energy consumption is low and the operation stable. The whole machine uses self-lubricating system to reduce wear and extend the service life of the machine

Specifications

MODEL	PTI -HP-8	PTI -HP-10	PTI -HP-12	PTI -HP-16
CUTTING FORCE	8 TON	10 TON	12 TON	16 TON
STROKE ADJUSTMENT	0-70MM	0-70MM	0-70MM	0-70MM
TENSION DISTANCE	50-110MM	50-110MM	50-110MM	50-110MM
PRESS BOARD SIZE	350*280MM	350*280MM	350*280MM	350*280MM
CUTTING TABLE SIZE	330*650 MM	330*650 MM	330*650 MM	330*650 MM
POWER	380V/220V 50HZ/60HZ	380V/220V 50HZ/60HZ	380V/220V 50HZ/60HZ	380V/220V 50HZ/60HZ
GROSS WEIGHT	370KG	390KG	420KG	450KG
MACHINE DIMENTION				



Hopper Dryer

Stainless steel hopper with window for directly inspecting running

Curve heating cylinder is to avoid the burning caused by powder pile

Hopper with ears for easy settling to injection machines

Equipped with special filter with high heat resistance and blower, it can recycle hot air for running



Specifications

MODEL	PTOVER 25	PTOVER 50	PTOVER 75	PTOVER 10	PTOVER 150	PTOVER 200
CAPACITY	25KG	50KG	75KG	100KG	150KG	200KG
BLOWER (W)	135	135	210	250	370	550
HEATING (KW)	3.5	4.2	5.1	6.5	8	12
VOTAGE /FREQUENCY	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
size	400*800MM	480*950MM	550*1050MM	600*1100MM	700*1250	700*1400MM
HOUSING MATERIAL	sus403#	sus403#	sus403#	sus403#	sus403#	sus403#

Overview Plastic hopper dryer:

1:Function

plastic hopper dryer product line with the corresponding specifications for use of the machine can substantially increase the efficiency of drying, with precise temperature control system , Ensure that the feed completely dry.plant the production of such plastics machinery , strong aesthetic appearance , By the domestic plastic industry trust, Modern plastic industry is the most important one of the auxiliary equipment.

2:Features

Hot air evenly distributed, Greatly improving the thermal efficiency, To substantially reduce the drying time. With high-precision temperature control regulator, To eliminate temperature error.Direct thermal-plastic material to shorten the time dissolved, Increase the rate of injection.Easy installation, The design of multiple safety devices, To ensure the safety of the equipment.

3:Automatic alarm failure

When the machines running the even of a failure, Control system with automatic alarm function (That is ,over-temperature alarm and fans not to alarm),Also has temperature automatically cut off heating, Effective guarantee of safety equipment, Extend the service life.

MIXER



Feature of Vertical color mixer :

1. Vertical structure with castor wheels, small size, removing easily
2. Vertical reducer motor adopted ensures low noise and long operation hours
3. Fast complete mixing, low energy consumption and high productivity
4. Pall cover and bottom parts and compress formed precisely matched and durable
5. mixing time able to set within 0-30 minutes

Specifications

MODEL	PTMIX50	PTMIX100	PTMIX150	PTMIX200	PTMIX300
CAPACITY	50KG	100KG	150KG	200KG	300KG
POWER	1.5KW	3KW	4KW	5.5KW	7.5KW
VOTAGE /FREQUENCY	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
size	850*810*1070mm	1020*980*1360mm	1150*1050*1400mm	1300*1180*1500mm	1450*1350*1500mm
SPEED	80RPM	80RPM	68RPM	68RPM	58RPM

Material hopper and paddle are made of stainless steel, and appearance is polished for easy cleaning, no contamination.

Complete evenly mixed in short time, Low energy consumption, high efficiency.

Material discharging outlet has a manual shut-off plate for easy material clearance.

Auto stop device can be set

Safety devise provides full protection for operator

Both the body and its stand are fully welded to ensure solid structure.

with premium stainless steel, high strength and easy to clean.

