INNOVATIVE SOLUTIONS
FOR **BLOWN FILM**

MACHINES



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plastic machinery co.

BLOWN FILM
EXTRUSION MACHINES

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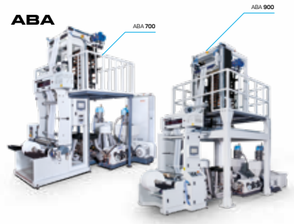

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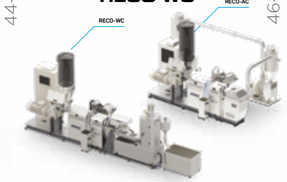

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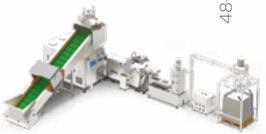

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NOT ONLY PRODUCING

THINKING ABOUT FUTURE WHILE PRODUCING

“ATAÇ Plastik Makina” has been established in 1984 by Mehmet Ataç. In the course of first years its occupation was to produce of gearbox. Our Company that started to manufacture Blown film extrusions in 1990 has adopted primarily satisfaction of customer with its philosophy of honest manufacturer.

”ATAÇ Plastik Makina”, always standing behind machines manufactured, its words, has been continuing to provide service at top quality to its gradually growing and expanding customer portfolio day by day. We have been exporting our machines to 70 countries in the World through our 15 dealers/sellers.

”ATAÇ Plastik Makina” has been attaching great and tough importance on providing service and spare parts in due time to our customers for their machines within warranty period and post-warranty period. With the support of our established quality management system our company aimed always to produce much more qualified, initially fault-free machines, and while working to this end, our company has been agreeing and undertaking to be customer-oriented, to ensure satisfaction of customer, to consider suppliers and customers as an integral part of the system, to implement and adopt a policy by ensuring contribution of all personnel, supporting with continuously developed training and information and to carry out production in strict compliance with laws within the framework of benefits of our country without making any compromise over this policy.

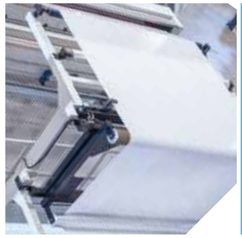


WHEN YOU SEARCH FOR A **STRONG SOLUTION**

MULTI LAYER | MACHINES

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MULTI LAYER



PROFLEX Series
Blown Film Extrusions

LDPE

General Description

Proflex Series Blown Film Lines, characterized by oscillating haul-off and 3 layer high speed extrusions for getting top quality high-tech multi layer film through upgraded components. Proflex series production range is wide and comprises, among others; film used in top performing converting and printing lines, film with specific characteristics intended for industrial applications. Proflex lines are designed by production need orientation, top versatility and safety, combined with minimized power consumption.

Features

- PRO-S type winder which allows 3 winding methods; contact – non-contact and mixed
- High speed - 3 layer extrusions
- Easy operation, touch screen
- High output
- Maximum flexibility for different applications
- Excellent mid and long-term yield
- Excellent cost effectiveness
- User-friendly line management
- Best performances in processing biodegradable and compostable materials

Applications

- Packaging film
- Thermo-shrink film
- Lamination film
- Stretch-hood film
- Gussetted PE and Agri film
- MOPE film (with MDO only)
- FFS bag-heavy duty bags
- Converting Film etc.

Technical Specifications

Model	PROFLEX 1200	PROFLEX 1400	PROFLEX 1600	PROFLEX 1800
Max. Film Width	1100 mm	1300 mm	1500 mm	1650 mm
Thickness of Film	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron
Materials	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP
Max. Output	250 kg / h	300 kg / h	350 kg / h	400 kg / h
Extrusion Unit				
Main Motors	A : 37 kw • B : 55 kw • C : 37 kw	A : 45 kw • B : 55 kw • C : 45 kw	A : 45 kw • B : 90 kw • C : 45 kw	A : 55 kw • B : 90 kw • C : 55 kw
Screw Diameters	A : Ø 45 mm - High Speed B : Ø 65 mm - High Speed C : Ø 45 mm - High Speed	A : Ø 55 mm - High Speed B : Ø 65 mm - High Speed C : Ø 55 mm - High Speed	A : Ø 55 mm - High Speed B : Ø 75 mm - High Speed C : Ø 55 mm - High Speed	A : Ø 65 mm - High Speed B : Ø 75 mm - High Speed C : Ø 65 mm - High Speed
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30.	1 / 30.
Barrel Cooling Fan Motor Power	10 x 0.37 kw	10 x 0.37 kw	11 x 0.37 kw	13 x 0.37 kw
Type of Screen Changer	Hydraulic Type	Hydraulic Type	Hydraulic Type	Hydraulic Type
Die Unit				
Type of Die	Stationary Die	Stationary Die	Stationary Die	Stationary Die
Die Diameter	LDPE Ø 220 mm	LDPE Ø 250 mm	LDPE Ø 250 mm	LDPE Ø 300 mm
Air Blower Motor Power	7.5 kw	11 kw	11 kw	15 kw
Haul-Off Unit				
Type of Tower	Oscillating Haul - Off	Oscillating Haul - Off	Oscillating Haul - Off	Oscillating Haul - Off
Haul - Off Roller Dia. & Width	Ø 225 mm x 1200 mm	Ø 225 mm x 1400 mm	Ø 225 mm x 1600 mm	Ø 225mm x 1800 mm
Haul - Off Motor Power	2.2 kw	2.2 kw	2.2 kw	2.2 kw
Height of Machine	9 m	10 m	10 m	11 m
Winder Unit				
Type of Winder	Automatic Winder	Automatic Winder	Automatic Winder	Automatic Winder
Winder Roller Dia. & Width	Ø 420 mm x 1200 mm	Ø 420 mm x 1400 mm	Ø 420 mm x 1600 mm	Ø 420 mm x 1800 mm
Winder Roller Motor Power	3 kw	3 kw	3 kw	3 kw
Max. Roll Diameter	Ø 1000 mm	Ø 1000 mm	Ø 1000 mm	Ø 1000 mm

Innovative Solutions
For Blown Film Machines

PROFLEX
Series Blown Film Extrusions

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PROFLEX Series
Blown Film Extrusions

LDPE

General Description

Proflex Series Blown Film Lines, characterized by oscillating haul-off and 3 layer high speed extrusions for getting top quality high-tech multi layer film through upgraded components. Proflex series production range is wide and comprises, among others; film used in top performing converting and printing lines, film with specific characteristics intended for industrial applications. Proflex lines are designed by production need orientation, top versatility and safety, combined with minimized power consumption.

Features

- PRO-S type winder which allows 3 winding methods; contact – non-contact and mixed
- High speed - 3 layer extrusions
- Easy operation, touch screen
- High output
- Maximum flexibility for different applications
- Excellent mid and long-term yield
- Excellent cost effectiveness
- User-friendly line management
- Best performances in processing biodegradable and compostable materials

Applications

- Packaging film
- Thermo-shrink film
- Lamination film
- Stretch-hood film
- Gussetted PE and Agri film
- MOPE film (with MDO only)
- FFS bag-heavy duty bags
- Converting Film etc.

Technical Specifications

Model	PROFLEX 2000	PROFLEX 2400	PROFLEX 2800	PROFLEX 3200
Max. Film Width	1850 mm	2200 mm	2600 mm	3000 mm
Thickness of Film	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron
Materials	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP
Max. Output	500 kg / h	600 kg / h	700 kg / h	800 kg / h
Extrusion Unit				
Main Motors	A : 55 kw • B : 110 kw • C : 55 kw	A : 55 kw • B : 132 kw • C : 55 kw	A : 55 kw • B : 132 kw • C : 55 kw	A : 75 kw • B : 132 kw • C : 75 kw
Screw Diameters	A : Ø 65 mm - High Speed B : Ø 85 mm - High Speed C : Ø 65 mm - High Speed	A : Ø 65 mm - High Speed B : Ø 105 mm - High Speed C : Ø 65 mm - High Speed	A : Ø 75 mm - High Speed B : Ø 105 mm - High Speed C : Ø 75 mm - High Speed	A : Ø 85 mm - High Speed B : Ø 105 mm - High Speed C : Ø 85 mm - High Speed
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30.	1 / 30.
Barrel Cooling Fan Motor Power	13 x 0.37 kw	13 x 0.37 kw	14 x 0.37 kw	16 x 0.37 kw
Type of Screen Changer	Hydraulic Type	Hydraulic Type	Hydraulic Type	Hydraulic Type
Die Unit				
Type of Die	Stationary Die	Stationary Die	Stationary Die	Stationary Die
Die Diameter	LDPE Ø 350 mm	LDPE Ø 450 mm	LDPE Ø 550 mm	LDPE Ø 700 mm
Air Blower Motor Power	15 kw	15 kw	22 kw	22 kw
Haul-Off Unit				
Type of Tower	Oscillating Haul - Off	Oscillating Haul - Off	Oscillating Haul - Off	Oscillating Haul - Off
Haul - Off Roller Dia. & Width	Ø 225 mm x 2000 mm	Ø 225 mm x 2400 mm	Ø 225 mm x 2800 mm	Ø 260 mm x 3200 mm
Haul - Off Motor Power	3 kw	3 kw	4 kw	5.5 kw
Height of Machine	14 m	15 m	16 m	18 m
Winder Unit				
Type of Winder	Automatic Winder	Automatic Winder	Automatic Winder	Automatic Winder
Winder Roller Dia. & Width	Ø 420 mm x 2000 mm	Ø 420 mm x 2400 mm	Ø 420 mm x 2800 mm	Ø 420 mm x 3200 mm
Winder Roller Motor Power	3 kw	3 kw	4 kw	5.5 kw
Max. Roll Diameter	Ø 1000 mm	Ø 1000 mm	Ø 1000 mm	Ø 1000 mm

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For Blown Film Machines

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MULTIFLEX Series
Blown Film Extrusions

LDPE

General Description

Multiflex Series Blown Film Lines, characterized by oscillating haul-off and 5 layer high speed extrusions for getting top quality high-tech multi layer film through upgraded components. Multiflex series production range is wide and comprises, among others; film used in top performing converting and printing lines, film with specific characteristics intended for industrial applications. Multiflex lines are designed by production need orientation, top versatility and safety, combined with minimized power consumption.

Features

- PRO-S type winder which allows 3 winding methods; contact – non-contact and mixed
- High speed - 5 layer extrusions
- Easy operation, touch screen
- High output
- Maximum flexibility for different applications
- Excellent mid and long -term yield
- Excellent cost effectiveness
- User-friendly line management
- Best performances in processing biodegradable and compostable materials

Applications

- Packaging film
- Thermo-shrink film
- Lamination film
- Stretch-hood film
- Gussetted PE and Agri film
- MOPE film (with MDO only)
- FFS bag – heavy duty bags
- Converting Film etc.

Technical Specifications

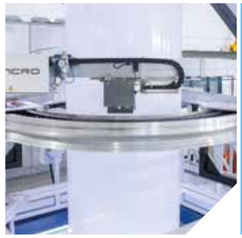
Model	MULTIFLEX 2000	MULTIFLEX 2400	MULTIFLEX 2800	MULTIFLEX 3200
Max. Film Width	1850 mm	2200 mm	2600 mm	3000 mm
Thickness of Film	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron
Materials	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP	LDPE-LLDPE-mLLDPE-mDPE-HDPE-PP
Max. Output	600 kg / h	750 kg / h	850 kg / h	1000 kg / h
Extrusion Unit				
Main Motors	A - E: 37 kw B - D: 45 kw C: 110 kw	A - E: 45 kw B - D: 55 kw C: 110 kw	A - E: 55 kw B - D: 90 kw C: 132 kw	A - E: 90 kw B - D: 110 kw C: 132 kw
Screw Diameters	A - E : Ø 45 mm - High Speed B - D : Ø 55 mm - High Speed C : Ø 85 mm - High Speed	A - E : Ø 55 mm - High Speed B - D : Ø 65 mm - High Speed C : Ø 85 mm - High Speed	A - E : Ø 65 mm - High Speed B - D : Ø 75 mm - High Speed C : Ø 105 mm - High Speed	A - E : Ø 75 mm - High Speed B - D : Ø 85 mm - High Speed C : Ø 105 mm - High Speed
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30.	1 / 30.
Barrel Cooling Fan Motor Power	16 x 0.37 kw	17 x 0.37 kw	17 x 0.37 kw	18 x 0.37 kw
Type of Screen Changer	Hydraulic Type	Hydraulic Type	Hydraulic Type	Hydraulic Type
Die Unit				
Type of Die	Stationary Die	Stationary Die	Stationary Die	Stationary Die
Die Diameter	LDPE Ø 400 mm	LDPE Ø 500 mm	LDPE Ø 600 mm	LDPE Ø 700 mm
Air Blower Motor Power	15 kw	22 kw	30 kw	30 kw
Haul-Off Unit				
Type of Tower	Oscillating Haul - Off	Oscillating Haul - Off	Oscillating Haul - Off	Oscillating Haul - Off
Haul - Off Roller Dia. & Width	Ø 225 mm x 2000 mm	Ø 225 mm x 2400 mm	Ø 225 mm x 2800 mm	Ø 225 mm x 3200 mm
Haul - Off Motor Power	2.2 kw	3 kw	3 kw	3 kw
Height of Machine	15 m	16 m	18 m	20 m
Winder Unit				
Type of Winder	Automatic Winder	Automatic Winder	Automatic Winder	Automatic Winder
Winder Roller Dia. & Width	Ø 420 mm x 2000 mm	Ø 420 mm x 2400 mm	Ø 420 mm x 2800 mm	Ø 420 mm x 3200 mm
Winder Roller Motor Power	3 kw	3 kw	4 kw	5.5 kw
Max. Roll Diameter	Ø 1000 mm	Ø 1000 mm	Ø 1000 mm	Ø 1000 mm

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MULTIFLEX
Series Blown Film Extrusions

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EVOFLEX Series
Blown Film Extrusions

General Description

Evoflex Series Blown Film Lines, characterized by 5-7-9 layers extrusions for getting top quality barrier and high-barrier film with symmetrical and asymmetrical structures through upgraded components.

Evoflex series are intended for customers manufacturing top class high-barrier technicial film for food, medical, pharmaceutical and several mechanical applications. The films produced with Evoflex have a double and triple barrier, respectively, with an EVOH central layer combined with PA layers, thus offering a high performing barrier against gases and water vapour.

Evoflex lines are designed by production need orientation, top versatility and safety, combined with minimized power consumption.

Examples of typcial formulations:
- 5 layers PE – TIE – PA – TIE – PE
- 7 layers PE – TIE – PA – EVOH – PA – TIE – PE
- 9 layers PE – PE – TIE – PA – EVOH – PA – TIE – PE – PE

Features

- PRO-S type winder which allows 3 winding methods; contact – non-contact and mixed
- Easy operation , touch screen
- Maximum flexibility for different applications
- Excellent mid and long -term yield
- Excellent cost effectiveness
- User-friendly line management

Technical Specifications

Model	EVOFLEX 5L - 1400	EVOFLEX 7L - 1400	EVOFLEX 9L - 1400
Max. Film Width	1300 mm	1300 mm	1300 mm
Material	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA
Thickness of Film	30 ~ 200 micron	30 ~ 200 micron	30 ~ 200 micron
Max. Output	250 kg / h	300 kg / h	350 kg / h
Extrusion Diameters	A - E : Ø 55 mm B - C - D : Ø 45 mm	A - B - C - D - E - F - G : Ø 55 mm	A - B - C - D - E - F - G - H - J : Ø 55 mm
Main Motors	A - E : 45 kw B - C - D : 37 kw	A - B - C - D - E - F - G : 45 kw	A - B - C - D - E - F - G - H - J : 45kw
Type of Die	Stackable Die	Stackable Die	Stackable Die
Die Diameter	Ø 300 mm	Ø 300 mm	Ø 300 mm
Height of Machine	12 m	14 m	14 m

Model	EVOFLEX 5L - 1800	EVOFLEX 7L - 1800	EVOFLEX 9L - 1800
Max. Film Width	1650 mm	1650 mm	1650 mm
Material	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA
Thickness of Film	30 ~ 200 micron	30 ~ 200 micron	30 ~ 200 micron
Max. Output	350 kg / h	400 kg / h	450 kg / h
Extrusion Diameters	A - E : Ø 65 mm B - C - D : Ø 55 mm	A - B - C - D - E - F - G : Ø 65 mm	A - B - C - D - E - F - G - H - J : Ø 65 mm
Main Motors	A - E : 55 kw B - C - D : 45 kw	A - B - C - D - E - F - G : 55 kw	A - B - C - D - E - F - G - H - J : 55 kw
Type of Die	Flat Stacking Die	Flat Stacking Die	Flat Stacking Die
Die Diameter	Ø 400 mm	Ø 400 mm	Ø 400 mm
Height of Machine	14 m	15 m	16 m

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For Blown Film Machines

EVOFLEX
Series Blown Film Extrusions

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EVOFLEX Series
Blown Film Extrusions

BARRIER FILM

General Description

Labex Series Blown Film Lines, characterized by its compact design with small footprint. It is easy to operate and offers exact, repeatable movements and quick change of products and parameters.

Labex series are intended for customers laboratory tests, trials, apprenticeship, material development – sustainability, colour fastness, small batch tests, production of small batches, product development, development of new materials such as biopolymers, pilot production, quality tests.

Features

- Compact line, small footprint
- Flexible process parameters
- Reliable quality
- Easy operation, touch screen
- Maximum flexibility for different applications
- User-friendly line management

Technical Specifications

Model	LABEX 3L - 600	LABEX 5L - 600	LABEX 7L - 600
Max. Film Width	500 mm	500 mm	500 mm
Material	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA
Thickness of Film	30 ~ 200 micron	30 ~ 200 micron	30 ~ 200 micron
Max. Output	40 kg / h	60 kg / h	80 kg / h
Extrusion Diameters	A - B - C: Ø 30 mm	A - B - C - D - E: Ø 30 mm	A - B - C - D - E - F - G: Ø 30 mm
Main Motors	A - B - C: 5.5 kw	A - B - C - D - E: 5.5 kw	A - B - C - D - E - F - G: 5.5 kw
Type of Die	Flat Stacking Die	Flat Stacking Die	Flat Stacking Die
Die Diameter	Ø 100 mm	Ø 100 mm	Ø 100 mm
Height of Machine	4.8 m	4.8 m	4.8 m

Model	LABEX 3L - 900	LABEX 5L - 900	LABEX 7L - 900
Max. Film Width	800 mm	800 mm	800 mm
Material	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA
Thickness of Film	30 ~ 200 micron	30 ~ 200 micron	30 ~ 200 micron
Max. Output	80 kg / h	100 kg / h	120 kg / h
Extrusion Diameters	A - B - C : Ø 35 mm	A - B - C - D - E : Ø 35 mm	A - B - C - D - E - F - G : Ø 35 mm
Main Motors	A - B - C : 7.5 kw	A - B - C - D - E : 7.5 kw	A - B - C - D - E - F - G : 7.5 kw
Type of Die	Flat Stacking Die	Flat Stacking Die	Flat Stacking Die
Die Diameter	Ø 160 mm	Ø 160 mm	Ø 160 mm
Height of Machine	6 m	6 m	6 m

Model	LABEX 3L - 1200	LABEX 5L - 1200	LABEX 7L - 1200
Max. Film Width	1100 mm	1100 mm	1100 mm
Material	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA	LDPE - LLDPE - mLLDPE - mDPE - Tie Resins - EVOH - PA
Thickness of Film	30 ~ 200 micron	30 ~ 200 micron	30 ~ 200 micron
Max. Output	120 kg / h	150 kg / h	180 kg / h
Extrusion Diameters	A - B - C : Ø 40 mm	A - B - C - D - E : Ø 40 mm	A - B - C - D - E - F - G : Ø 40 mm
Main Motors	A - B - C : 11 kw	A - B - C - D - E : 11 kw	A - B - C - D - E - F - G : 11 kw
Type of Die	Flat Stacking Die	Flat Stacking Die	Flat Stacking Die
Die Diameter	Ø 200 mm	Ø 200 mm	Ø 200 mm
Height of Machine	7 m	7 m	7 m

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LABEX
Series Blown Film Extrusions

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MEGA Series
Blown Film Extrusions

LDPE

General Description

Ecoflex Series Blown Film Lines, characterized by oscillating haul-off and 3 layer extrusions for getting top quality multi layer film through upgraded components.

Ecoflex series production range is wide and comprises, among others; film used in top performing converting and printing lines, film with specific characteristics intended for industrial applications.

Applications

- Packaging film
- Thermo-shrink film
- Gussetted Pe film
- Converting Film etc.

Features

- Basic type winder – contact model
- 3 layer extrusions
- Easy operation, touch screen
- Short tower for short factories
- Maximum flexibility for different applications
- Excellent mid and long-term yield
- Excellent cost effectiveness
- User-friendly line management
- Best performances in processing biodegradable and compostable materials

Technical Specifications

Model	ECOFLEX 1200	ECOFLEX 1400	ECOFLEX 1600	ECOFLEX 1800
Max. Film Width	1100 mm	1300 mm	1500 mm	1700 mm
Thickness of the Film	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron
Max. Output	LDPE : 220 kg / h	LDPE : 280 kg / h	LDPE : 300 kg / h	LDPE : 320 kg / h
Extrusion Unit				
Main Motors	A: 30 kw - B: 45 kw - C: 30 kw	A: 30 kw - B: 55 kw - C: 30 kw	A: 45 kw - B: 55 kw - C: 45 kw	A: 45 kw - B: 75 kw - C: 45 kw
Screw Diameters	A: Ø 45 mm - B: Ø 55 mm - C: Ø 45 mm	A: Ø 45 mm - B: Ø 65 mm - C: Ø 45 mm	A: Ø 55 mm - B: Ø 65 mm - C: Ø 55 mm	A: Ø 55 mm - B: Ø 75 mm - C: Ø 55 mm
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30 .	1 / 30.
Barrel Cooling Fan Motor Power	10 x 0.25 kw	10 x 0.25 kw	12 x 0.25 kw	12 x 0.25 kw
Type of Screen Changer	Hydraulic Arm Type	Hydraulic Arm Type	Hydraulic Arm Type	Hydraulic Arm Type
Die Unit				
Type of Die	Stationary Die	Stationary Die	Stationary Die	Stationary Die
Die Diameter	LDPE Ø 220 mm	LDPE Ø 250 mm	LDPE Ø 250 mm	LDPE Ø 300 mm
Air Blower Motor Power	11 kw	11 kw	15 kw	15 kw
Haul-Off Unit				
Type of Tower	Vertical Haul - Off	Vertical Haul - Off	Vertical Haul - Off	Vertical Haul - Off
Haul - Off Roller Dia. & Width	Ø 200 mm x 1200 mm	Ø 200 mm x 1400 mm	Ø 200 mm x 1600 mm	Ø 200 mm x 1800 mm
Haul - Off Motor Power	2.2 kw	2.2 kw	2.2 kw	3 kw
Height of Machine	8.5 m	9 m	9.5 m	10 m
Winder Unit				
Type of Winder	Basic Automatic	Basic Automatic	Basic Automatic	Basic Automatic
Winder Roller Dia. & Width	Ø 280 mm x 1200 mm	Ø 280 mm x 1400 mm	Ø 280 mm x 1600 mm	Ø 280 mm x 1800 mm
Winder Roller Motor Power	2.2 kw	2.2 kw	2.2 kw	2.2 kw
Max. Roll Diameter	Ø 900 mm	Ø 900 mm	Ø 900 mm	Ø 900 mm

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Series Blown Film Extrusions

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ABA Series
Blown Film Extrusions

HDPE | LDPE

General Description

ABA Series Blown Film Lines, characterized by stationary die device to produce High Density Polythelene films for t-shirt bag, garbage bag, pharmacy bag.

Features

- Easy operation, touch screen
- To use Caco3 up to 70%
- High output
- Maximum flexibility for different applications
- HDPE stationary die
- Single manuel winder
- HDPE material

Technical Specifications

Model	ABA 700	ABA 900
Max. Film Width	650 mm	850 mm
Thickness of Film	10 ~ 150 micron	10 ~ 150 micron
Max. Output	80 kg / h	100 kg / h
Extrusion Unit		
Main Motors	A : 15 kw • B : 22 kw	A : 18.5 kw • B : 30 kw
Screw Diameters	A : Ø 40 mm B : Ø 50 mm	A : Ø 45 mm B : Ø 55 mm
Screw & Barrel Material	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.
Barrel Cooling Fan Motor Power	5 x 0.25 kw	6 x 0.25 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type
Die Unit		
Type of Die	Stationary Die	Stationary Die
Die Diameter	HDPE Ø 70 mm	HDPE Ø 90 mm
Air Blower Motor Power	3 kw	4 kw
Haul-Off Unit		
Type of Tower	Fixed Tower	Fixed Tower
Haul - Off Roller Dia. & Width	Ø 170 mm x 700 mm	Ø 170 mm x 900 mm
Haul - Off Motor Power	1.1 kw	1.5 kw
Height of Machine	4 m	4.8 m
Winder Unit		
Type of Winder	Manuel Single Winder	Manuel Single Winder
Winder Roller Dia. & Width	Ø 220 mm x 700 mm	Ø 220 mm x 900 mm
Winder Roller Motor Power	1.1 kw	1.5 kw
Max. Roll Diameter	Ø 800 mm	Ø 800 mm

Innovative Solutions
For Blown Film Machines

ABA
Series Blown Film Extrusions

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ABA Series
Blown Film Extrusions

HDPE | LDPE

General Description

ABA - RD Series Blown Film Lines, characterized by rotary die device to produce High or Low Density Polythelene films for t-shirt bag, garbage bag, thermo-shrink films, converting films, shopping bags, pharmacy bags and different kind of bags.

Features

- Easy operation, touch screen
- To use Caco3 up to 70%
- High output
- Maximum flexibility for different applications
- HDPE or LDPE changeable die
- Rotary die
- Single/Double automatic or manuel winders
- HDPE or LDPE material

Technical Specifications

Model	ABA 1200 - RD	ABA 1400 - RD
Max. Film Width	1100 mm	1300 mm
Thickness of Film	10 ~ 150 micron	10 ~ 150 micron
Max. Output	HDPE 130 kg / h - LDPE 150 kg / h	HDPE 150 kg / h - LDPE 170 kg / h
Extrusion Unit		
Main Motors	A : 22 kw - B : 37 kw	A : 30 kw - B : 45 kw
Screw Diameters	A : Ø 50 mm - B : Ø 60 mm	A : Ø 55 mm - B : Ø 65 mm
Screw & Barrel Material	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.
Barrel Cooling Fan Motor Power	6 x 0.25 kw	7 x 0.25 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type
Die Unit		
Type of Die	Rotary Die	Rotary Die
Die Diameter	HDPE Ø 130 mm - LDPE Ø 180 mm	HDPE Ø 130 mm - LDPE Ø 200 mm
Air Blower Motor Power	5.5 kw	5.5 kw
Haul-Off Unit		
Type of Tower	Fixed Tower	Fixed Tower
Haul - Off Roller Dia. & Width	Ø 170 mm x 1100 mm	Ø 170 mm x 1300 mm
Haul - Off Motor Power	1.5 kw	1.5 kw
Height of Machine	6.5 m	7 m
Winder Unit		
Type of Winder	Manuel or Automatic	Manuel or Automatic
Winder Roller Dia. & Width	Ø 260 mm x 1200 mm	Ø 260 mm x 1400 mm
Winder Roller Motor Power	2.2 kw	2.2 kw
Max. Roll Diameter	Ø 900 mm	Ø 900 mm

Innovative Solutions
For Blown Film Machines

ABA-RD
Series Blown Film Extrusions

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ABA Series
Blown Film Extrusions

HDPE | LDPE

General Description

ABA - OH Series Blown Film Lines, characterized by oscillating haul-off device to produce High or Low Density Polythelene films for t-shirt bag, garbage bag, thermo-shrink films, converting films, shopping bags, pharmacy bags and different kind of bags.

Features

- Easy operation, touch screen
- To use Caco3 up to 70%
- High output
- Maximum flexibility for different applications
- HDPE or LDPE changeable die
- Oscillating Haul – off
- Single or Double automatic winders
- HDPE or LDPE material
- I.B.C (as optional)

Technical Specifications

Model	ABA 1200 - OH	ABA 1400 - OH	ABA 1600 - OH	ABA 1800 - OH
Max. Film Width	1100 mm	1300 mm	1500 mm	1700 mm
Thickness of the Film	10 ~ 150 micron	10 ~ 150 micron	10 ~ 150 micron	10 ~ 150 micron
Max. Output	HDPE : 150 kg / h - LDPE : 180 kg / h	HDPE : 180 kg / h - LDPE : 220 kg / h	HDPE : 200 kg / h - LDPE : 250 kg / h	HDPE : 230 kg / h - LDPE : 300 kg / h
Extrusion Unit				
Main Motors	A: 37 kw - B: 45 kw	A: 45 kw - B: 55 kw	A: 55 kw - B: 75 kw	A: 75 kw - B: 90 kw
Screw Diameters	A: Ø 45 mm - High Speed B: Ø 55 mm - High Speed	A: Ø 55 mm - High Speed B: Ø 65 mm - High Speed	A: Ø 65 mm - High Speed B: Ø 75 mm - High Speed	A: Ø 75 mm - High Speed B: Ø 85 mm - High Speed
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30.	1 / 30.
Barrel Cooling Fan Motor Power	7 x 0.25 kw	7 x 0.25 kw	9 x 0.25 kw	9 x 0.25 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type
Die Unit				
Type of Die	Stationary Die	Stationary Die	Stationary Die	Stationary Die
Die Diameter	HDPE Ø 130 mm LDPE Ø 200 mm	HDPE Ø 150 mm LDPE Ø 220 mm	HDPE Ø 180 mm LDPE Ø 250 mm	HDPE Ø 200 mm LDPE Ø 300 mm
Air Blower Motor Power	7.5 kw	11 kw	15 kw	15 kw
Haul-Off Unit				
Type of Tower	Oscillating Haul - Off	Oscillating Haul - Off	Oscillating Haul - Off	Oscillating Haul - Off
Haul - Off Roller Dia. & Width	Ø 200 mm x 1200 mm	Ø 200 mm x 1400 mm	Ø 200 mm x 1600 mm	Ø 200 mm x 1800 mm
Haul - Off Motor Power	2.2 kw	2.2 kw	2.2 kw	3 kw
Height of Machine	7.5 m	8.5 m	9 m	10 m
Winder Unit				
Type of Winder	Automatic	Automatic	Automatic	Automatic
Winder Roller Dia. & Width	Ø 280 mm x 1200 mm	Ø 280 mm x 1400 mm	Ø 280 mm x 1600 mm	Ø 280 mm x 1800 mm
Winder Roller Motor Power	2.2 kw	2.2 kw	2.2 kw	2.2 kw
Max. Roll Diameter	Ø 900 mm	Ø 900 mm	Ø 900 mm	Ø 900 mm

Innovative Solutions
For Blown Film Machines

ABA-OH
Series Blown Film Extrusions

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MONO LAYER



ECO Series
Blown Film Extrusions

HDPE | LDPE

General Description

Eco Series Blown Film Lines, characterized by an economic investment level to produce High Density Polythelene films for t-shirt, frezer and thin garbage bags.

Features

- Compact layout
- Low power consumption
- Easy operation, touch screen
- Fixed die
- Single manuel winder
- Emboosing roller
- HDPE material

Technical Specifications

Model	ECO 500	ECO 700
Max. Film Width	450 mm	650 mm
Thickness of Film	5 ~ 120 micron	5 ~ 120 micron
Max. Output	40 kg / h	60 kg / h
Extrusion Unit		
Main Motor	15 kw	22 kw
Screw Diameter	Ø 40 mm	Ø 50 mm
Screw & Barrel Material	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.
Barrel Cooling Fan Motor Power	2 x 0.25 kw	3 x 0.25 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type
Die Unit		
Type of Die	Stationary Die	Stationary Die
Die Diameter	Ø 60 mm	Ø 80 mm
Air Blower Motor Power	3 kw	4 kw
Haul-Off Unit		
Type of Tower	Fixed Tower	Fixed Tower
Haul - Off Roller Dia. & Width	Ø 170 mm x 500 mm	Ø 170 mm x 700 mm
Haul - Off Motor Power	1.1 kw	1.5 kw
Height of Machine	3.5 m	4 m
Winder Unit		
Type of Winder	Manuel Single Winder	Manuel Single Winder
Winder Roller Dia. & Width	Ø 200 mm x 500 mm	Ø 200 mm x 700 mm
Winder Roller Motor Power	0.75 kw	1.1 kw
Max. Roll Diameter	Ø 800 mm	Ø 800 mm

Innovative Solutions
For Blown Film Machines

ECO
Series Blown Film Extrusions

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SUPER B Series
Blown Film Extrusions

HDPE | LDPE

General Description

Superb Series Blown Film Lines, characterized by universal machine to produce High or Low Density Polythelene films for t-shirt bag, frezer bag, garbage bag, thermo-shrink film, laundry bag, shopping bag, pharmacy bag and different kind of bags.

Features

- Compact Layout
- Low power consumption
- Easy operation, touch screen
- Rotary die
- Top and Bottom manuel type winders
- Embossing roller
- HDPE or LDPE material

Technical Specifications

Model	SUPER B 700	SUPER B 900	SUPER B 1100	SUPER B 1300
Max. Film Width	600 mm	800 mm	1000 mm	1200 mm
Thickness of Film	7 ~ 150 micron	7 ~ 150 micron	7 ~ 150 micron	7 ~ 150 micron
Max. Output	70 kg / h	90 kg / h	110 kg / h	130 kg / h
Extrusion Unit				
Main Motor	22 kw	30 kw	37 kw	45 kw
Screw Diameter	Ø 50 mm	Ø 55 mm	Ø 60 mm	Ø 65 mm
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30 .	1 / 30.
Barrel Cooling Fan Motor Power	3 x 0.25 kw	3 x 0.25 kw	3 x 0.25 kw	4 x 0.37 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type
Die Unit				
Type of Die	Rotary Die	Rotary Die	Rotary Die	Rotary Die
Die Diameter	HDPE Ø 80 mm LDPE Ø 120 mm	HDPE Ø 80 mm LDPE Ø 140 mm	HDPE Ø 90 mm LDPE Ø 160 mm	HDPE Ø 100 mm LDPE Ø 200 mm
Air Blower Motor Power	3 kw	4 kw	5.5 kw	5.5 kw
Haul-Off Unit				
Type of Tower	Fixed Tower	Fixed Tower	Fixed Tower	Fixed Tower
Haul - Off Roller Dia. & Width	Ø 170 mm x 700 mm	Ø 170 mm x 900 mm	Ø 170 mm x 1100 mm	Ø 170 mm x 1300 mm
Haul - Off Motor Power	1.1 kw	1.5 kw	1.5 kw	2.2 kw
Height of Machine	4.5 m	4.8 m	5.2 m	5.5 m
Winder Unit				
Type of Winder	Manuel Double Winders	Manuel Double Winders	Manuel Double Winders	Manuel Double Winders
Winder Roller Dia. & Width	Ø 200 mm x 700 mm	Ø 200 mm x 900 mm	Ø 200 mm x 1100 mm	Ø 220 mm x 1300 mm
Winder Roller Motor Power	1.1 kw	1.5 kw	1.5 kw	2.2 kw
Max. Roll Diameter	Ø 600 mm	Ø 600 mm	Ø 600 mm	Ø 600 mm

Innovative Solutions
For Blown Film Machines

SUPER B
Series Blown Film Extrusions

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for More Information





DUPLEX Series
Blown Film Extrusions

HDPE | LDPE

General Description

Duplex Series Blown Film Lines, characterized by feeding from single extrusion to twin die device to produce High or Low Density Polythelene films for t-shirt bag, frezer bag, garbage bag, thermo - shrink film, laundry bag, shopping bag, pharmacy bag and different kind of bags.

Features

- Compact Layout
- Low power consumption
- Easy operation, touch screen
- Rotary die
- Single or Double (top and bottom) manuel type winders
- Embossing roller
- HDPE or LDPE material

Technical Specifications

Model	DUPLEX 700	DUPLEX 900	DUPLEX 1100
Max. Film Width	600 mm	800 mm	1000 mm
Thickness of Film	7 ~ 150 micron	7 ~ 150 micron	7 ~ 150 micron
Max. Output	HDPE : 110 kg / h	HDPE : 150 kg / h - LDPE : 180 kg / h	HDPE : 180 kg / h - LDPE : 220 kg / h
Extrusion Unit			
Main Motor	45 kw	55 kw	75 kw
Screw Diameter	Ø 65 mm	Ø 75 mm	Ø 85 mm
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30 .
Barrel Cooling Fan Motor Power	4 x 0.25 kw	4 x 0.25 kw	5 x 0.37 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type
Die Unit			
Type of Die	Stationary Die	Rotary Die	Rotary Die
Die Diameter	HDPE Ø 80 mm	HDPE Ø 90 mm LDPE Ø 140 mm	HDPE Ø 100 mm LDPE Ø 200 mm
Air Blower Motor Power	3 kwx 2 pcs	4 kw x 2 pcs	5.5 kw x 2 pcs
Haul-Off Unit			
Type of Tower	Fixed Tower	Fixed Tower	Oscillating Haul-Off
Haul - Off Roller Dia. & Width	Ø 170 mm x 700 mm	Ø 170 mm x 900 mm	Ø 170 mm x 1100 mm
Haul - Off Motor Power	1.1 kw	1.5 kw	2.2 kw
Height of Machine	4 m	4.8 m	5.5 m
Winder Unit			
Type of Winder	Manuel Single Winder	Manuel Single Winder	Manuel Single Winder
Winder Roller Dia. & Width	Ø 200 mm x 700 mm	Ø 200 mm x 900 mm	Ø 200 mm x 1100 mm
Winder Roller Motor Power	1.1 kw	1.5 kw	2.2 kw
Max. Roll Diameter	Ø 800 mm	Ø 800 mm	Ø 800 mm

Innovative Solutions
For Blown Film Machines

DUPLEX
Series Blown Film Extrusions

Scan Barcode
for More Information





MONO Series
Blown Film Extrusions

HDPE | LDPE

General Description

Mono Series Blown Film Lines, characterized by rotary die device to produce High or Low Density Polythelene films for t-shirt bag, garbage bag, thermo-shrink films, converting films, shopping bag, pharmacy bag and different kind of bags.

Features

- Compact Layout
- Low power consumption
- Easy operation, touch screen
- Maximum flexibility for different applications
- Rotary die
- Single or Double/manuel or automatic winders
- HDPE or LDPE material

Technical Specifications

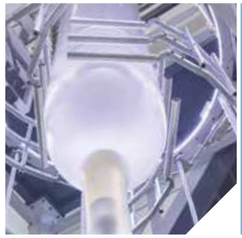
Model	MONO 1200	MONO 1400	MONO 1600	MONO 1800
Max. Film Width	1100 mm	1300 mm	1500 mm	1700 mm
Thickness of Film	7 ~ 150 micron	7 ~ 150 micron	7 ~ 150 micron	7 ~ 150 micron
Max. Output	HDPE : 110 kg/h - LDPE : 130 kg/h	HDPE : 130 kg/h - LDPE : 150 kg/h	HDPE : 150 kg/h - LDPE : 170 kg/h	HDPE : 200 kg/h - LDPE : 250 kg/h
Extrusion Unit				
Main Motor	37 kw	45 kw	55 kw	75 kw
Screw Diameter	Ø 60 mm	Ø 65 mm	Ø 70 mm	Ø 75 mm
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30 .	1 / 30.
Barrel Cooling Fan Motor Power	3 x 0.37 kw	4 x 0.37 kw	4 x 0.37 kw	5 x 0.37 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type
Die Unit				
Type of Die	Rotary Die	Rotary Die	Rotary Die	Rotary Die
Die Diameter	HDPE Ø 130 mm LDPE Ø 180 mm	HDPE Ø 150 mm LDPE Ø 200 mm	HDPE Ø 180 mm LDPE Ø 250 mm	HDPE Ø 200 mm LDPE Ø 300 mm
Air Blower Motor Power	4 kw	5.5 kw	7.5 kw	11 kw
Haul-Off Unit				
Type of Tower	Fixed Tower	Fixed Tower	Fixed Tower	Fixed Tower
Haul - Off Roller Dia. & Width	Ø 170 mm x 1200 mm	Ø 170 mm x 1400 mm	Ø 170 mm x 1600 mm	Ø 170 mm x 1800 mm
Haul - Off Motor Power	1.5 kw	1.5 kw	2.2 kw	3 kw
Height of Machine	6.2 m	7 m	8.5 m	10 m
Winder Unit				
Type of Winder	Manuel or Automatic Winder	Manuel or Automatic Winder	Manuel or Automatic Winder	Manuel or Automatic Winder
Winder Roller Dia. & Width	Ø 260 mm x 1200 mm	Ø 260 mm x 1400 mm	Ø 260 mm x 1600 mm	Ø 260 mm x 1800 mm
Winder Roller Motor Power	1.5 kw	2.2 kw	3 kw	3 kw
Max. Roll Diameter	Ø 900 mm	Ø 900 mm	Ø 900 mm	Ø 900 mm

Innovative Solutions
For Blown Film Machines

MONO
Series Blown Film Extrusions

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MONO HS Series
Blown Film Extrusions

HDPE

General Description

Mono Series Blown Film Lines, characterized by rotary die device to produce High Density Polythelene films for thin (5 mic to 30 mic) t-shirt bag, garbage bag, pharmacy bag and different kind of bags.

Features

- Compact Layout
- Low power consumption
- Easy operation, touch screen
- Maximum flexibility for different applications
- Rotary die
- HDPE material
- Single or Double /automatic winders

Technical Specifications

Model	MONO HS 1000	MONO HS 1200	MONO HS 1400
Max. Film Width	900 mm	1100 mm	1300 mm
Thickness of the Film	5 ~ 80 micron	5 ~ 80 micron	5 ~ 80 micron
Max. Output	120 kg / h	130 kg / h	150 kg / h
Extrusion Unit			
Main Motor	37 kw	45 kw	55 kw
Screw Diameter	Ø 60 mm - High Speed	Ø 65 mm - High Speed	Ø 70 mm - High Speed
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30 .
Barrel Cooling Fan Motor Power	3 x 0.37 kw	4 x 0.37 kw	4 x 0.37 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type
Die Unit			
Type of Die	Rotary Die	Rotary Die	Rotary Die
Die Diameter	HDPE Ø 110 mm	HDPE Ø 130 mm	HDPE Ø 150 mm
Air Blower Motor Power	5.5 kw	7.5 kw	7.5 kw
Haul-Off Unit			
Type of The Tower	Fixed Tower	Fixed Tower	Oscillating Haul-Off
Haul - Off Roller Dia. & Width	Ø 170 mm x 1000 mm	Ø 170 mm x 1200 mm	Ø 170 mm x 1400 mm
Haul - Off Motor Power	1.5 kw	1.5 kw	1.5 kw
Height of Machine	6.5 m	6.8 m	7.5 m
Winder Unit			
Type of Winder	Automatic Winder	Automatic Winder	Automatic Winder
Winder Roller Dia. & Width	Ø 260 mm x 1000 mm	Ø 260 mm x 1200 mm	Ø 260 mm x 1400 mm
Winder Roller Motor Power	2.2 kw	2.2 kw	2.2 kw
Max. Roll Diameter	Ø 900 mm	Ø 900 mm	Ø 900 mm

Innovative Solutions
For Blown Film Machines

MONO HS
Series Blown Film Extrusions

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PERFORMANCE Series
Blown Film Extrusions

HDPE | LDPE

General Description

Performance Series Blown Film Lines, characterized by oscillating haul-off device to produce High or Low Density Polythelene films for t-shirt bag, garbage bag, thermo-shrink films, converting films, shopping bags, pharmacy bags and different kind of bags.

Features

- Easy operation, touch screen
- High output
- Maximum flexibility for different applications
- HDPE or LDPE changeable die
- Oscillating Haul – off
- Single or Double automatic winders
- HDPE or LDPE material
- I.B.C (as optional)

Technical Specifications

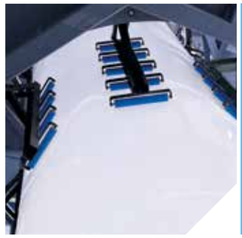
Model	PERFORMANCE 1200	PERFORMANCE 1400	PERFORMANCE 1600	PERFORMANCE 1800
Max. Film Width	1100 mm	1300 mm	1500 mm	1700 mm
Thickness of Film	7 ~ 150 micron	7 ~ 150 micron	10 ~ 150 micron	10 ~ 150 micron
Max. Output	HDPE : 120 kg / h - LDPE : 150 kg / h	HDPE : 140 kg / h - LDPE : 170 kg / h	HDPE : 160 kg / h - LDPE : 220 kg / h	HDPE : 180 kg / h - LDPE : 250 kg / h
Extrusion Unit				
Main Motor	45 kw	55 kw	75 kw	90 kw
Screw Diameter	Ø 55 mm - High Speed	Ø 65 mm - High Speed	Ø 75 mm - High Speed	Ø 85 mm - High Speed
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30 .	1 / 30.
Barrel Cooling Fan Motor Power	4 x 0.37 kw	4 x 0.37 kw	5 x 0.37 kw	5 x 0.37 kw
Type of Screen Changer	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type	Manuel Arm Type
Die Unit				
Type of Die	Stationary Die	Stationary Die	Stationary Die	Stationary Die
Die Diameter	HDPE Ø 130 mm LDPE Ø 180 mm	HDPE Ø 150 mm LDPE Ø 220 mm	HDPE Ø 180 mm LDPE Ø 250 mm	HDPE Ø 200 mm LDPE Ø 300 mm
Air Blower Motor Power	5.5 kw	7.5 kw	11 kw	15 kw
Haul-Off Unit				
Type of Tower	Oscillating Haul-Off	Oscillating Haul-Off	Oscillating Haul-Off	Oscillating Haul-Off
Haul - Off Roller Dia. & Width	Ø 200 mm x 1200 mm	Ø 200 mm x 1400 mm	Ø 200 mm x 1600 mm	Ø 200 mm x 1800 mm
Haul - Off Motor Power	1.5 kw	2.2 kw	2.2 kw	3 kw
Height of Machine	7.5 m	8 m	9 m	10 m
Winder Unit				
Type of Winder	Automatic Winder	Automatic Winder	Automatic Winder	Automatic Winder
Winder Roller Dia. & Width	Ø 260 mm x 1200 mm	Ø 260 mm x 1400 mm	Ø 260 mm x 1600 mm	Ø 260 mm x 1800 mm
Winder Roller Motor Power	2.2 kw	2.2 kw	3 kw	3 kw
Max. Roll Diameter	Ø 900 mm	Ø 900 mm	Ø 900 mm	Ø 900 mm

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For Blown Film Machines

PERFORMANCE
Series Blown Film Extrusions

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MEGA Series
Blown Film Extrusions

LDPE

General Description

Mega Series Blown Film Lines, characterized by rotary die or fixed die device to produce Low Density Polythelene films for thermo-shrink films, shrink-hood films, agricultural films and different kind of films.

Features

- Easy operation, touch screen
- High output
- Maximum flexibility for different applications
- LDPE changeable die for different diameters
- Rotary die or Oscillating Haul – off
- Single or Double/manuel or automatic winders
- LDPE materials
- I.B.C (as optional)

Technical Specifications

Model	MEGA 2000	MEGA 2400	MEGA 2800	MEGA 3200	MEGA 4200
Max. Film Width	1900 mm	2300 mm	2700 mm	3000 mm	4000 mm
Thickness of Film	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron	20 ~ 200 micron	30 ~ 250 micron
Max. Output	350 kg / h	500 kg / h	600 kg / h	700 kg / h	800 kg / h
Extrusion Unit					
Main Motor	90 kw	110 kw	132 kw	160 kw	200 kw
Screw Diameter	Ø 90 mm	Ø 100 mm	Ø 110 mm	Ø 120 mm	Ø 140 mm
Screw & Barrel Material	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550	DIN 1.8550
Screw Ratio L/D	1 / 30.	1 / 30.	1 / 30.	1 / 30 .	1 / 30.
Barrel Cooling Fan Motor Power	5 x 0.37 kw	6 x 0.37 kw	6 x 0.37 kw	7 x 0.37 kw	8 x 0.37 kw
Type of Screen Changer	Hydraulic Type	Hydraulic Type	Hydraulic Type	Hydraulic Type	Hydraulic Type
Die Unit					
Type of Die	Rotary Die	Rotary Die	Rotary Die	Rotary Die	Fixed Die
Die Diameter	LDPE Ø 400 mm	LDPE Ø 500 mm	LDPE Ø 600 mm	LDPE Ø 700 mm	LDPE Ø 1000 mm
Air Blower Motor Power	7.5 kw	11 kw	15 kw	18.5 kw	22 kw
Haul-Off Unit					
Type of Tower	Fixed Tower	Fixed Tower	Fixed Tower	Fixed Tower	Fixed Tower
Haul - Off Roller Dia. & Width	Ø 240 mm x 2000 mm	Ø 240 mm x 2400 mm	Ø 240 mm x 2800 mm	Ø 240 mm x 3200 mm	Ø 240 mm x 4200 mm
Haul - Off Motor Power	2.2 kw	3 kw	3 kw	5.5 kw	5.5 kw
Height of Machine	12 m	14 m	15 m	16 m	20 m
Winder Unit					
Type of Winder	Manuel or Automatic Winders	Manuel or Automatic Winders	Manuel or Automatic Winders	Manuel or Automatic Winders	Manuel or Automatic Winders
Winder Roller Dia. & Width	Ø 260 mm x 2000 mm	Ø 260 mm x 2400 mm	Ø 260 mm x 2800 mm	Ø 260 mm x 3200 mm	Ø 260 mm x 4200 mm
Winder Roller Motor Power	3 kw	3 kw	4 kw	5.5 kw	5.5 kw
Max. Roll Diameter	Ø 800 mm	Ø 800 mm	Ø 800 mm	Ø 800 mm	Ø 800 mm

Innovative Solutions
For Blown Film Machines

MEGA
Series Blown Film Extrusions

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RECYCLING MACHINES



TRIM-EX Series
Recycling Machines

General Description

Polymer is cut into consistent length granules by rotating variable speed (AC inverter) die face cutter blades and is then cooled by air in a system comprising approx 6 m of 120 mm dia metal ducting and two chain hung cyclone. Granules will then exit the cyclone directly into the customer's day bin.

Trim-Ex series are suitable to operate in conjunction with all types of granular material metering devices, including gravimetric batching or weight loss systems. It is engineered for reliable, clean operation, catering for a wide range of film widths, materials types and gauges, and is suitable for feeding most film line extruders.

Technological Explanations

Trim-Ex series are designed to automatically convert film edge trim from blown film production into high quality re-usable granule in one operation, without additional labour.

Having been introduced into the screw, the film scrap is gently heated and plasticised in the short conic diameter screw, prior to being filtered and then extruded through a multi-hole die face.

Technical Specifications

Model	TRIM-EX
Materials	HDPE LDPE LLDPE
Main Motor	11 kW
Screw Diameters	Ø 90 / 45 mm
Cutter Motor	0.37 kW
Granule Conveying Fan	1.5 kW
Heating Control	3 zone
Barrel Cooling Fans	0.25 kW x 2
Output	40 kg / h
Type Of Screen Changer	optional
Total Electric Power	18 kW

Innovative Solutions
For Blown Film Machines

SHORT SCREW
TECHNOLOGY

TRIM-EX
Series Recycling Machines

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for More Information





RECO AC - RECO WC
Series Recycling
Machines

General Description

RECO series have 2 different type of cutting pelletizer; air cooling (AC) and water cooling (WC) different type of materials.

HDPE-LDPE-LLDPE and PP (possible to work with water cooling pelletizer)

Polymer is cut into consistent length granules by rotating variable speed (AC inverter) die face cutter blades and is then cooled by air or water in a system comprising approx 12 m of 120 mm dia metal ducting and two chain hung cyclone.

Granules will then exit the cyclone directly into the customer's day bin. RECO series are suitable to operate in conjunction with all types of granular material metering devices, including gravimetric batching or weight loss systems.

It is engineered for reliable, clean operation, catering for a wide range of film widths, materials types and gauges, and is suitable for feeding most film line extruders.

Technological Explanations

RECO series are designed to directly fed on to the screw into high quality re-usable granule in one operation, without additional labour. Having been introduced into the screw, the film scrap is gently heated and plasticised in the short conic diameter screw, prior to being filtered and then extruded through a multi-hole die face.

Technical Specifications

Model	RECO 65 AC	RECO 80 AC
Materials	HDPE - LDPE	HDPE - LDPE
Main Motor	30 kw AC	45 kw AC
Diameter of Screw	Ø 110 / 65 mm	Ø 140 / 80 mm
Cutter Motor	0.75 kw	0.75 kw
Conveying Fan	2.2 kw x 2 pcs	3 kw x 2 pcs
Heating Control	5 zone	6 zone
Barrel Cooling Fans	0.37 kw x 3 pcs	0.37 kw x 4 pcs
Type of Sereen Changer	Manuel or Hydraulic	Manuel or Hydraulic
Type of Pelletizer	Air Cooling (AC)	Air Cooling (AC)
Output (max)	110 kg / hour	150 kg / hour
Total Electric Power	44 kw	60 kw

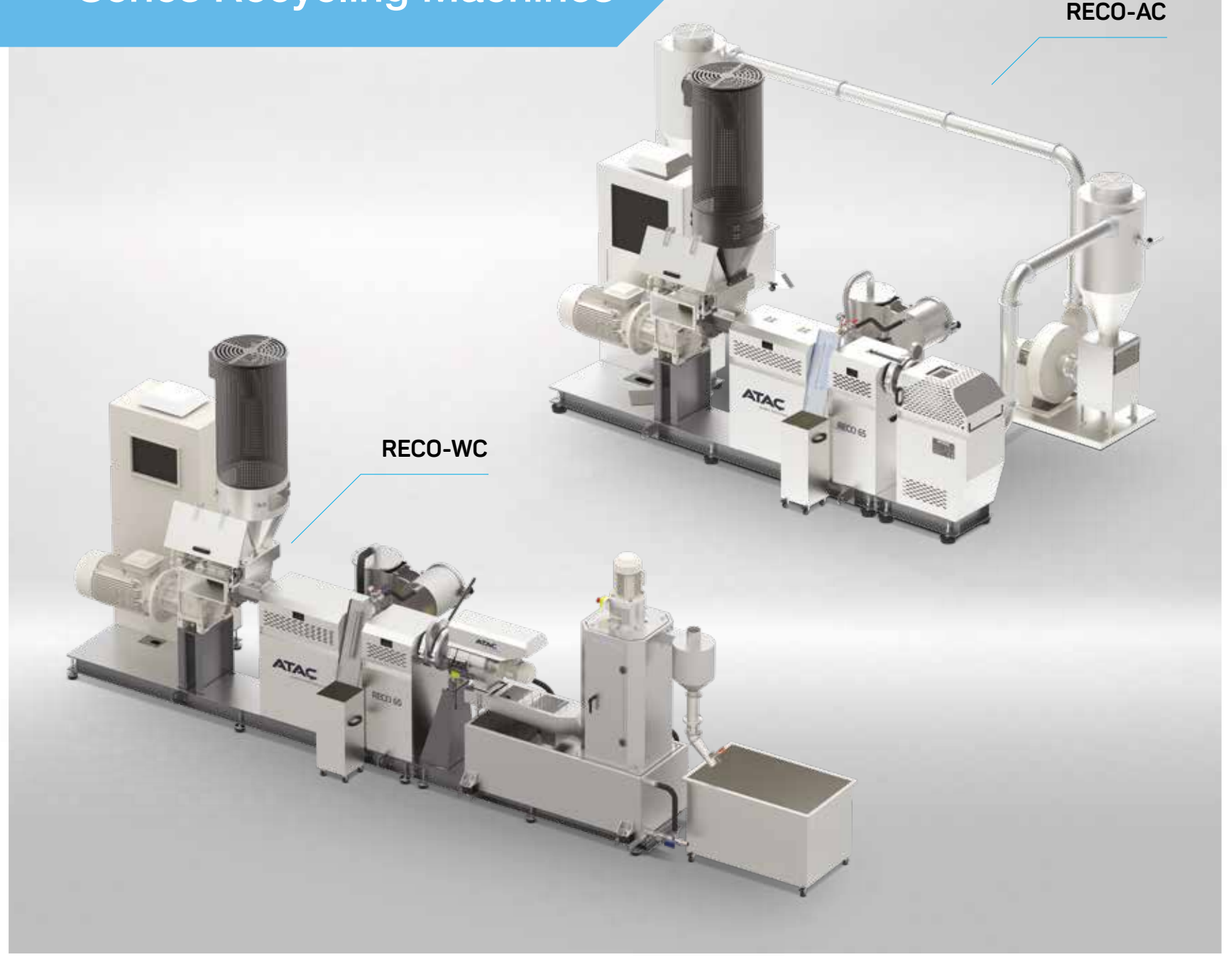
Model	RECO 65 WC	RECO 80 WC
Materials	HDPE - LDPE - PP	HDPE - LDPE - PP
Main Motor	30 kw AC	45 kw AC
Diameter of Screw	Ø 110 / 65 mm	Ø 140 / 80 mm
Cutter Motor	0.75 kw	0.75 kw
Conveying Fan	2.2 kw x 2 pcs	3 kw x 2 pcs
Heating Control	5 zone	6 zone
Barrel Cooling Fans	0.37 kw x 3 pcs	0.37 kw x 4 pcs
Type of Sereen Changer	Manuel or Hydravlic	Manuel or Hydravlic
Water Pumps	1.1 kw x 2 pcs	1.1 kw x 2 pcs
Centrifugal Drier Motor	3 kw	3 kw
Type of Pelletizer	Water Cooling (WC)	Water Cooling (WC)
Output (max)	110 kg / hour	150 kg / hour
Total Electric Power	44 kw	60 kw

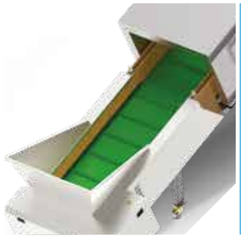
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SHORT SCREW
TECHNOLOGY

RECO-AC
RECO-WC
Series Recycling Machines

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DELTA Series
Recycling Machines

Technological Explanations

DELTA Series has been designed to recycle thermoplastic waste into pallets. It has single short screw technology. It is a high output single unit capable of recycling material in various forms, such as; film., bags, sacks and punch-outs, purging and start-up scrap, fabrics and non-wovens, fibres, tapes and ropes.

General Description

DELTA Series is a completely integrated unit with a single shaft shredder to size reduce the material, a crammer screw to convey the material to the extruder, an extruder to melt and homogenise the material, and a pelletising systemm to produce, cut and dry the material. The complete unit is automatically controlled with a PLC based system. The DELTA machine gives;

- High quality uniform pellets,
- Direct material feed without any pre-processing or cutting,
- Variable speed extruder motor to ensure complete control of the process,
- Quick and easy maintenance with plugs and sockets for heaters,
- Thermocouples etc and an open construction for fast access
- A range of options to enable it to be tailored to meet your exact requirements
- A stable robust processing system reducing operator intervention to a minimum
- Lowest cost recycling with an energy consumption of typically 0.25- 0.30 kWh per kg of pellets
- Material to be processed : LDPE - LLDPE - HDPE – PP

Technical Specifications

Model	DELTA 80
Materials	HDPE LDPE LLDPE PP
Main Motor	45 kW
Diameter of Screw	Ø 140 / 80 mm
Granule Conveying Fan	2.2 kW
Heating Control	6 zone
Barrel Cooling Fans	0.37 kW x 4
Type Of Pelletizer	water cooling
Shredder Diameter	Ø 270 / 600
Shredder Motor	18.5 kW
Feed Auger Motor	2.2 kW
Vent System	✓
Vent Vacuum Pump	3 kW
Metal Dedector	✓
Centrifugal Drier Motor	3 kW
Type Of Screen Changer	manual hydraulic back flush
Output	250 kg / h

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DELTA
Series Recycling Machines

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INTEGRA Series
Recycling Machines

General Description

INTEGRA Series is a completely integrated unit with a cutter compactor to size reduce the material, to convey the material to the extruder, an extruder to melt and homogenise the material, and a pelletising system to produce, cut and dry the material. The complete unit is automatically controlled with a PLC based system. The INTEGRA machine gives;

- High quality uniform pellets,
- Direct material feed without any pre-processing or cutting,
- Variable speed extruder motor to ensure complete control of the process,
- Quick and easy maintenance with plugs and sockets for heaters,
- Thermocouples etc and an open construction for fast access
- A range of options to enable it to be tailored to meet your exact requirements
- A stable robust processing system reducing operator intervention to a minimum
- Lowest cost recycling with an energy consumption of typically 0.25- 0.30 kWh per kg of pellets
- Material to be processed: LDPE - LLDPE - HDPE – PP

Technical Specifications

Model	INTEGRA 85	INTEGRA 105
Materials	HDPE LDPE LLDPE PP	HDPE LDPE LLDPE PP
Main Motor	110 kW	132 kW
Diameter of Screw	Ø 85	Ø 105
Heating Control	oil cooling	oil cooling
Type Of Pelletizer	water cooling	water cooling
Compactor Diameter	Ø 1100	Ø 1300
Compactor Motor	90 kW	110 kW
Vent System	✓	✓
Vent Vacuum Pump	3 kW	4 kW
Metal Dedector	✓	✓
Centrifugal Drier Motor	3 kW	4 kW
Type Of Screen Changer	options	options
Output (Maximum)	400 kg / h	600 kg / h

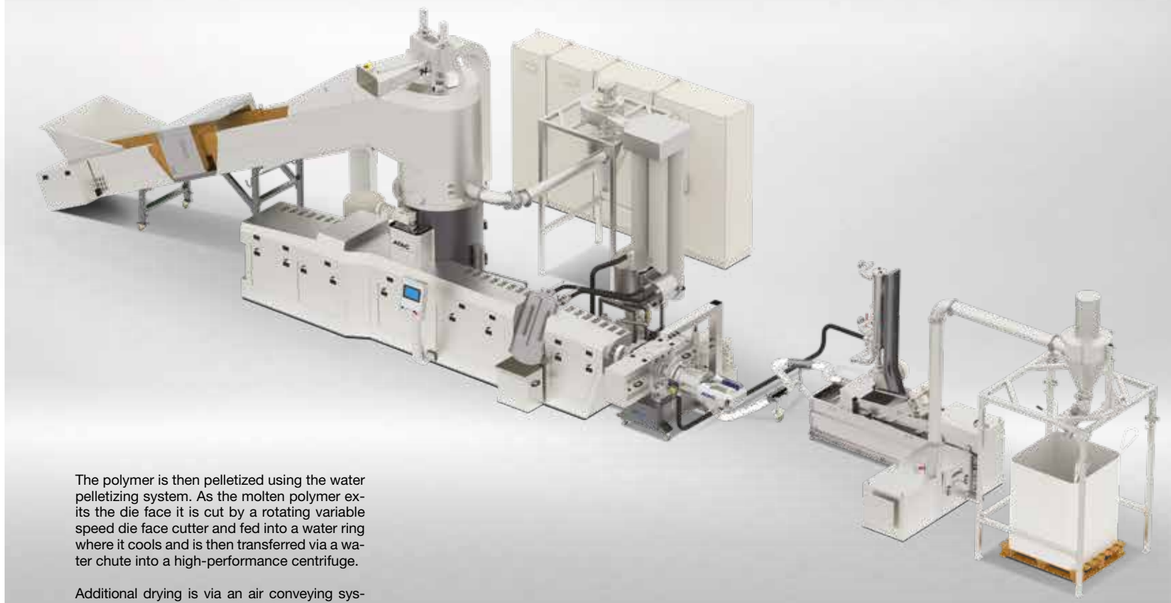
Technological Explanations

- The compactor cutter is mounted adjacent to the feed zone of the Integra extruder. Material is fed into the compactor cutter where it is further size reduced and densified by the combined action of the rotating and fixed knives and the frictional heat produced. The densified material is then fed directly into the Integra exruder by centrifugal force. The heat developed during the densificaton process is controlled by both coling fans and water injection.
- This heat generated also helps moisture removal. The size reduced material is then processed by the Integra screw during which it is heated and plasticised prior to being filtered and then extruded through a multi-hole hot die face. The Integra screw will process the majority of post process scrap, the only changes required would be to the process recipe and, in some cases, a diffirent die face.
- The polymer is then pelletized using the water pelletizing system. As the molten polymer exits the die face it is cut by a rotating variable speed die face cutter and fed into a water ring where it cools and is then transferred via a water chute into a high-performance centrifuge. Additional drying is via an air conveying system comprising metal ducting/ pipework (nominal length of12- 15m and 160mm dia.) to an air separation cyclone. Granules then exit the cyclone directly into the customer's day bin or bagging station.
- The size reduced material is then processed by the Integra screw during which it is heated and plasticised prior to being filtered and then extruded through a multi-hole hot die face. The Integra screw will process the majority of post process scrap, the only changes required would be to the process recipe and, in some cases, a diffirent die face.

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INTEGRA
Series Recycling Machines

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The polymer is then pelletized using the water pelletizing system. As the molten polymer exits the die face it is cut by a rotating variable speed die face cutter and fed into a water ring where it cools and is then transferred via a water chute into a high-performance centrifuge.

Additional drying is via an air conveying system comprising metal ducting/pipework (nominal length of 12- 15m and 160mm dia.) to an air separation cyclone. Granules then exit the cyclone directly into the customer's day bin or bagging station.

NOTES

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