



THREE LAYER A-B-A SERIES BLOWN FILM LINE



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*Specification subject to change without prior notice.

*The maximum thickness specified applies to the
minimum lay-flat width and maximum lay-flat width
specified applies to minimum thickness specified.



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AN ADVANCE

BLOWN FILM TECHNOLOGY



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ABA TYPE

LAYER RATIO (A : B : A) - 1 : 7 : 1*

2 EXTRUDER THREE LAYER ABA BLOWN FILM LINE

ABA HAUL-OFF ROTATION



ABA SE3HR TYPE

HIGH SPEED THREE LAYER BLOWN FILM LINE

SPECIFICATION

MODEL	UNIT	SE3HR (A-B-A) 750-45/45 HD+		SE3HR (A-B-A) 900-45/45 HD+		SE3HR (A-B-A) 1200-45/55 HD+		SE3HR (A-B-A) 1350-45/55 HD+		SE3HR (A-B-A) 1450-55/65 HD+	
Roll Size	mm	750		900		1200		1350		1450	
Lay Flat (Working Width)	mm	450 mm - 650 mm		300 mm - 800 mm		650 mm -1100 mm		750 mm - 1250 mm		750 mm -1350 mm	
Film Thickness	micron	20 - 100		20 -100		20 -150		20 -150		20 -150	
Max. Output	kg/hr	75 - 80		90 - 100		120 - 130		130 - 140		150 - 160	
Film Optimum Thickness Layer Ratio		1/4/1		1/4/1		1/5/1		1/5/1		1/6/1	
EXTRUDER		Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer
Srew Dia.	mm	45	45	45	45	45	55	45	55	55	65
L/D Ratio		30:1	30:1	30:1	30:1	30:1	30:1	30:1	30:1	30:1	30:1
Main Motor	kw (hp)	11 kw (15hp)	15 kw (20hp)	11 kw (15hp)	15 kw (20hp)	15 kw (20hp)	22.5 kw (30hp)	15 kw (20hp)	22.5 kw (30hp)	22.5 kw (30hp)	37 kw (50hp)
DIE (3 Layer ABA Spiral Type)											
Die Size (HM - HDPE)	mm	140mm & 90mm for HM-HDPE		140mm & 90mm for HM-HDPE		140mm & 90mm for HM-HDPE		150mm & 100mm for HM-HDPE		225 mm for HM-HDPE	
Die Size (LDPE /LLDPE)	mm	Optional (225mm)		Optional (225mm)		Optional (225mm)		Optional (250mm)		Optional (300mm)	
Gauge Randomization				Vertical Reversing Haul-OffRotation							
WINDER											
Pneumatic Winder /Surface Winder		Single Station		Single Station		Single Station		Single Station		Single Station	
OPERATING REQUIREMENT (For Basic Machine)											
Connected Load	kw	84		84		84		84		98	
Specific Power Consumption	kw/hrs. per kg	0.32		0.32		0.32		0.32		0.33	
Dimension (lxbxh)	Mtr.	8 x 4.5 x 6.5		8 x 4.5 x 6.5		8 x 4.5 x 6.5		8 x 5 x 7.2		8 X 5.5 X 8.5	

Optional Attachments :

- 🌀 Twin Loader with Dryer
- 🌀 Corona Treater
- 🌀 Extra Die
- 🌀 Water Chiller
- 🌀 Heat Exchanger
- 🌀 Hydraulic Unloading
- 🌀 Embossing Roll
- 🌀 Extrusion Process Control
- 🌀 Trim Blower
- 🌀 Two Station Pneumatic Winder / Fully Automatic Winder

Applications :

- 🌀 GP - General Purpose Film
- 🌀 L&B - Liner Bag
- 🌀 SF - Stretch Film
- 🌀 SPF - Surface Printing Film
- 🌀 LSF - LD Shrink Film
- 🌀 Shopping Bag

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ABA TYPE

LAYER RATIO (A : B : A) - 1 : 5 : 1*

ABA SE3F ULTIMA SERIES



MANUAL SURFACE WINDER



ABA ULTIMA TYPE

HIGH SPEED THREE LAYER BLOWN FILM LINE

SPECIFICATION

MODEL	UNIT	SE3F (A-B-A) 750-35/45 HD +		SE3F (A-B-A) 900-35/45 HD +	
Roll Size	mm	750		900	
Lay Flat (Working Width)	mm	330 mm - 650 mm		450 mm - 800 mm	
Film Thickness	micron	20 - 80		20 - 80	
Max. Output	kg/hr	65 - 70		75 - 80	
Film Optimum Thickness Layer Ratio		1/4/1		1/4/1	
EXTRUDER		Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer
Srew Dia.	mm	35	45	45	45
L/D Ratio		30:1	30:1	30:1	30:1
Main Motor	kw (hp)	7.5 kw (10hp)	11 kw (15hp)	7.5 kw (10hp)	11 kw (15hp)
DIE (3 Layer ABA Spiral Type)					
Die Size (HM - HDPE)	mm	70mm for HM-HDPE		90mm for HM-HDPE/100mm	
Gauge Randomization	mm	FIX DIE		FIX DIE	
WINDER					
Pneumatic Winder /Surface Winder		SINGLE STATION		SINGLE STATION	
OPERATING REQUIREMENT (For Basic Machine)					
Connected Load	kw	49		49	
Specific Power Consumption	kw/hrs. per kg	0.31		0.31	
Dimension (lxbxh)	Mtr.	3.9 x 2.93 x 4.3		3.5 x 2.93 x 4.8	

Optional Attachments :

- Twin Loader with Dryer
- Corona Treater
- Extra Die
- Chiller
- Heat Exchanger
- Embossing Roll
- Air Shaft
- Two Station Surface Winder

Applications :

- GP - General Purpose Film
- L&B - Liner Bag
- Garbage Bag
- T-shirt Bag

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ABA TYPE

LAYER RATIO (A : B : A) - 1 : 5 : 1*

ABA SE3F FIXED TYPE



ABA SE3F FIXED TYPE

HIGH SPEED THREE LAYER BLOWN FILM LINE

SPECIFICATION

MODEL	UNIT	SE3F (A-B-A) 750-45/45 HD +		SE3F (A-B-A) 900-45/45 HD +		SE3F (A-B-A) 1200-45/55 HD +	
Roll Size	mm	750		900		1200	
Lay Flat (Working Width)	mm	350 mm - 650mm		400 mm - 800 mm		550 mm - 1100 mm	
FilmThickness	micron	20 - 100		20 - 100		20 - 150	
Max. Output	kg/hr	70 - 80		80 - 90		120 - 130	
Film Optimum Thickness Layer Ratio		1/4/1		1/4/1		1/6/1	
EXTRUDER		Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer
Srew Dia.	mm	45	45	45	45	45	55
L/D Ratio		30:1	30:1	30:1	30:1	30:1	30:1
Main Motor	kw (hp)	11 kw (15hp)	15 kw (20hp)	11 kw (15hp)	15 kw (20hp)	15 kw (20hp)	22.5 kw (30hp)
DIE (3 Layer ABA Spiral Type)							
Die Size	mm	140mm & 90mm for HM-HDPE /215mm for LL-LDPE (Optional)		140mm & 90mm for HM-HDPE /215mm for LL-LDPE (Optional)		140mm & 90mm for HM-HDPE /215mm for LL-LDPE (Optional)	
Gauge Randomization	mm	Fix Die		Fix Die		Fix Die	
WINDER							
Pneumatic Winder /Surface Winder		Single Station / Fully Automatic Winder (Optional)		Single Station / Fully Automatic Winder (Optional)		Single Station / Fully Automatic Winder (Optional)	
OPERATING REQUIREMENT (For Basic Machine)							
Connected Load	kw	85		85		85	
Specific Power Consumption	kw/hrs. per kg	0.32		0.32		0.32	
Line Speed		120 Mtr/Min		120 Mtr/Min		120 Mtr/Min	
Dimension (lxbxh)	Mtr.	6.5 x 4 x 6		6.5 x 4 x 6		6.5 x 4 x 6	

Optional Attachments :

- 🌀 Twin Loader with Dryer
- 🌀 Corona Treater
- 🌀 Extra Die
- 🌀 Water Chiller
- 🌀 Heat Exchanger
- 🌀 Fully Automatic Winder
- 🌀 Gravimetric Dosing System / EPC
- 🌀 Embossing Roll

Applications :

- 🌀 Shopping Bag
- 🌀 L&B - Liner Bag
- 🌀 Grabage Bag

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ABA SE3F FIXED TYPE



ABA SE3F FIXED TYPE

HIGH SPEED THREE LAYER BLOWN FILM LINE

SPECIFICATION

MODEL	UNIT	SE3F (A-B-A) 1350-45/55 HD +		SE3F (A-B-A) 1450-55/55 HD +		SE3F (A-B-A) 1700-55/65 HD +	
Roll Size	mm	1350		1450		1700	
Lay Flat (Working Width)	mm	550 mm - 1250 mm		650 mm - 1350 mm		750 mm - 1600 mm	
FilmThickness	micron	20 - 150		20 - 150		20 - 180	
Max. Output	kg/hr	120 - 130		130 - 140		170 - 175	
Film Optimum Thickness Layer Ratio		1/6/1		1/7/1		1/7/1	
EXTRUDER		Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer	Extruder 'A' Inner & Outer Layer	Extruder 'B' Middle Layer
Srew Dia.	mm	45	55	55	55	55	65
L/D Ratio		30:1	30:1	30:1	30:1	30:1	30:1
Main Motor	kw (hp)	15 kw (20hp)	22.5 kw (30hp)	22.5 kw (30hp)	22.5 kw (30hp)	22.5 kw (30hp)	37 kw(50hp)
DIE (3 Layer ABA Spiral Type)							
Die Size	mm	150mm & 100mm for HM-HDPE /250mm for LL-LDPE (Optional)		150mm & 100mm for HM-HDPE /250mm for LL-LDPE (Optional)		150mm & 100mm for HM-HDPE /250mm for LL-LDPE (Optional)	
Gauge Randomization	mm	Fix Die		Fix Die		Fix Die	
WINDER							
Pneumatic Winder /Surface Winder		Single Station / Fully Automatic Winder (Optional)		Single Station / Fully Automatic Winder (Optional)		Single Station / Fully Automatic Winder (Optional)	
OPERATING REQUIREMENT (For Basic Machine)							
Connected Load	kw	85		85		85	
Specific Power Consumption	kw/hrs. per kg	0.32		0.32		0.32	
Line Speed		120 Mtr/Min		120 Mtr/Min		120 Mtr/Min	
Dimension (lxbxh)	Mtr.	6.5 x 4 x 6		6.5 x 4 x 6		6.5 x 4 x 6	

Optional Attachments :

- 🌀 Twin Loader with Dryer
- 🌀 Corona Treater
- 🌀 Extra Die
- 🌀 Water Chiller
- 🌀 Heat Exchanger
- 🌀 Fully Automatic Winder
- 🌀 Gravimetric Dosing System / EPC
- 🌀 Embossing Roll

Applications :

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- 🌀 Grabage Bag

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