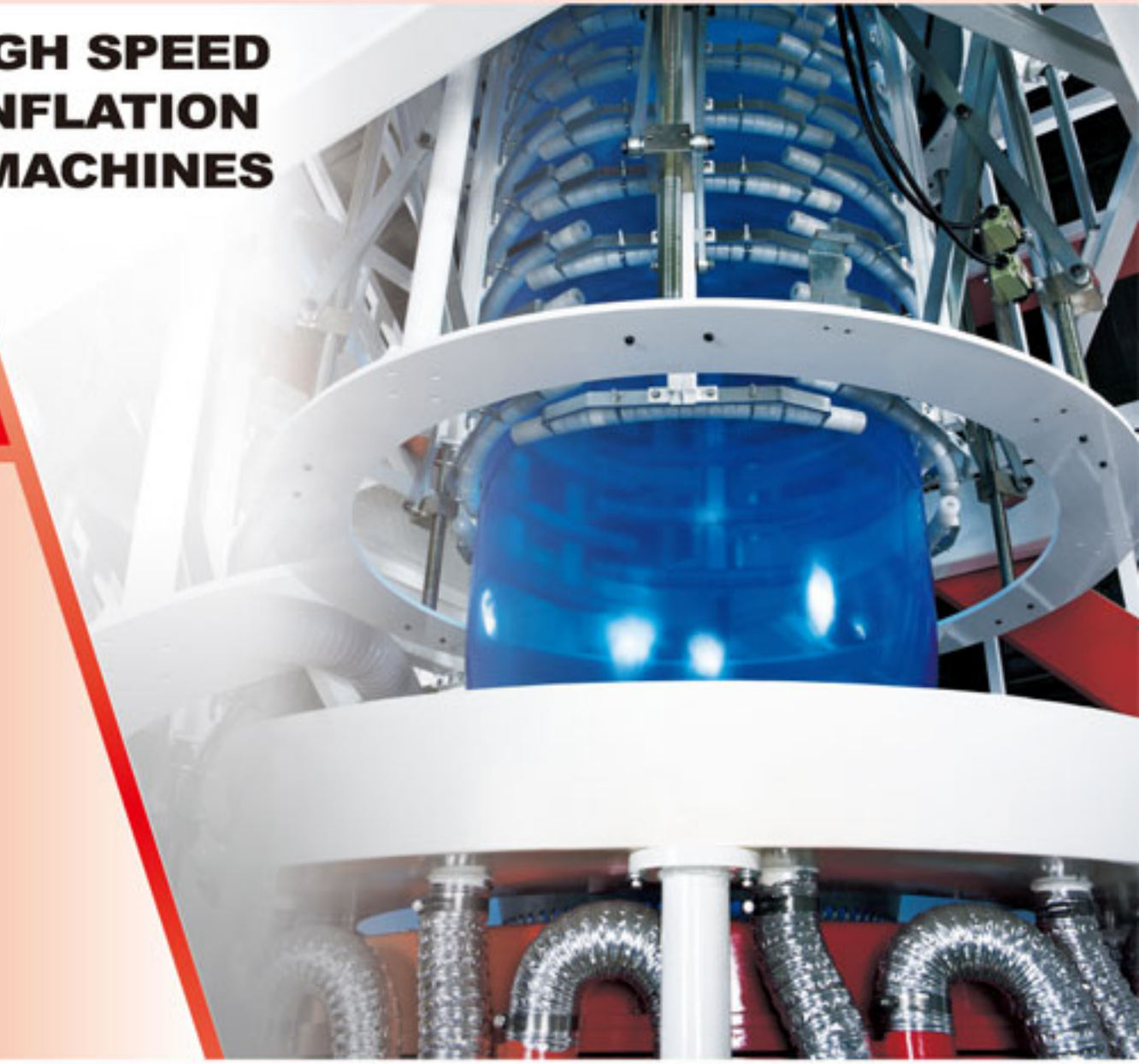


**HIGH SPEED  
INFLATION  
MACHINES**



## LLDPE / HDPE / LDPE SUPER HIGH SPEED INFLATION MACHINES

AMA MACHINERY, with investment from HEMINGSTONE MACHINERY, designs and produces these high performance film blowing machines. Models AM-65LG-1500 and AM-65HG-1500 are driven via a computer controlled inline AC servo (this device is optional on other models.) This system provides extremely simple, stable and convenient operations. This series of plastic film blowing machines truly meets customer production requirements. They increase worker efficiency, and absolutely minimize wasted materials. The result is a smoother transition to the final bag making and printing processes.



### INFLATION MACHINE GENERAL SYSTEM

A very special design of the air ring on this line blows an even volume of air at every point along the film. This creates an especially effective thickness control of the film, and improves ease of operation.



### EXTRUDER

Standard on the AM-65LG-1500 and AM-65HG-1500 models (optional on other models), the extruder is driven by an AC servo motor with a high quality reducer gearbox. High extrusion stability ensures consistent film thickness across the sheet. Additionally, the special design of the heating temperature control guarantees a steady melting point of the raw material.



AM-65LG-1200/1500

<b>Material to be Used</b>
Max. Layflat Width of Film (mm)
Film Thickness (mm)
Max. Extrusion Output (kg/hr)
Driving Motor
Screw Dia. (mm)
Screw L / D
Screw Material
Barrel Material
Barrel Thermo Controller
Barrel Cooling
Dies Head (for LD/LLDPE)
Die Head Thermo Controller
Air Blower
Control Type
Take-up Roller (mm)
Take-up Motor
Take-up Speed (M/min)
Bubble Cage
Max. Height (m)
Type
Film Width (mm)
Reels Max. Diameter (mm)
Winding Rubber Roller (mm)
Winding Motor



### BACK TO BACK STATION REWINDER WITH HIGH PLATFORM (Optional)

The computer controlled fully automatic rewinder automatically cuts the film when it reaches the prescribed length. Next, a hydraulic arm unloads the film, making it ready to be moved to the next stage of production. An optional slitting unit can also be added on to the film rewinder.

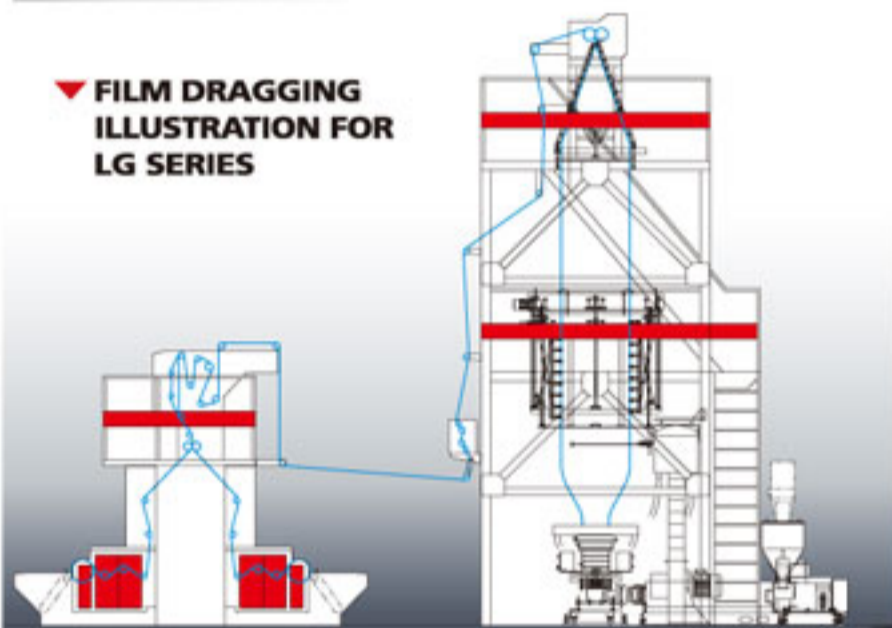
### BACK TO BACK STATION WINDER AUTO TYPE WITHOUT HIGH PLATFORM (Optional)



### COMPUTER CONTROLLED OPERATING SYSTEM

The AC servo motor drive is automatically computer controlled and very easy to operate. Typical control displays include current production line speed, production output, and a meter count. Standard on the 65 LG/HG, optional on other models.

### FILM DRAGGING ILLUSTRATION FOR LG SERIES



### LG SERIES - SUPER HIGH SPEED FOR LDPE FILM

AM-55LG-800	AM-55LG-1000	AM-55LG-1200	AM-65LG-1200	AM-65LG-1500	AM-75LG-1800	AM-75LG-2100	AM-75LG-2300	AM-85LG 2100	AM-85LG 2300	AM-85LG 2600
LLDPE , LDPE			LLDPE , LDPE		LLDPE , LDPE			LLDPE , LDPE		
700	900	1100	1100	1400	1700	2000	2200	2000	2200	2500
0.02~0.15	0.02~0.15	0.02~0.15	0.02~0.15	0.02~0.15	0.02~0.15	0.02~0.15	0.02~0.15	0.02~0.15	0.02~0.15	0.030~0.2
150	150	150	260	260	320	320	320	440	440	440
50 hp AC motor with inverter control & cooling blower			100 hp servo motor with inverter control & cooling blower		100 hp AC servo motor with inverter control & cooling blower			125 hp servo motor with inverter control & cooling blower		
Ø55	Ø55	Ø55	Ø65	Ø65	Ø75	Ø75	Ø75	Ø85	Ø85	Ø85
30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1
Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic
SKD-61 with nitrided treatment			SKD-61 with nitrided treatment		SKD-61 with nitrided treatment			SKD-61 with nitrided treatment		
3 points	3 points	3 points	4 points	4 points	4 points	4 points	4 points	5 points	5 points	5 points
1/2 hp blower x 3 pcs			1/2 hp blower x 4 pcs		1/2 hp blower x 4 pcs			1/2 hp blower x 5 pcs		
Ø140	Ø180	Ø220	Ø220	Ø280	Ø340	Ø400	Ø440	Ø400	Ø440	Ø490
2 points	2 points	2 points	3 points	3 points	3 points	3 points	3 points	3 points	3 points	3 points
AC 10 hp with inverter for speed adjustment			AC 15 hp with inverter for speed adjustment		AC 15 hp with inverter for speed adjustment			AC 20 hp with inverter for speed adjustment		
Unique switch cabinet (box)			Unique switch cabinet (box)		Unique switch cabinet (box)			Unique switch cabinet (box)		
Ø160 x 800L	Ø160 x 1000L	Ø160 x 1200L	Ø160 x 1200L	Ø160 x 1500L	Ø160 x 1800L	Ø160 x 2100L	Ø160 x 2300L	Ø160 x 2100L	Ø160 x 2300L	Ø160 x 2600L
2 hp AC motor with inverter			1.8 kW AC servo motor		1.8 kW AC servo motor			2.9 kW AC servo motor		
10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~100
1 unit (by auto electric control)			1 unit (by auto electric control)		1 unit (by auto electric control)			1 unit (by auto electric control)		
6.7	6.7	6.7	8.2	8.2	10.2	10.2	10.2	12.2	12.2	12.2
Single station auto cutting & changing operation adopts surface friction type			Single station auto cutting & changing operation adopts surface friction type		Single station auto cutting & changing operation adopts surface friction type			Single station auto cutting & changing operation adopts surface friction type		
Max. 700	Max. 900	Max. 1100	Max. 1100	Max. 1400	Max. 1700	Max. 2000	Max. 2200	Max. 2000	Max. 2200	Max. 2500
Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000
Ø300 x 800L	Ø300 x 1000L	Ø300 x 1200L	Ø300 x 1200L	Ø300 x 1500L	Ø300 x 1800L	Ø300 x 2100L	Ø300 x 2300L	Ø300 x 2100L	Ø300 x 2300L	Ø300 x 2600L
2 hp AC motor with inverter			1.8 kW AC servo motor		1.8 kW AC servo motor			2.9 kW AC servo motor		



AM-55HG 800/1000/1200

#### HG SERIES - SUPER HIGH SPEED FOR HDPE FILM

	AM-45HG-500	AM-45HG-600	AM-45HG-750
<b>Material to be Used</b>	HDPE	HDPE	HDPE
<b>Max. Layflat Width of Film (mm)</b>	400	500	650
<b>Film Thickness (mm)</b>	0.01~0.04	0.01~0.04	0.01~0.04
<b>Max. Extrusion Output (kg/hr)</b>	60	60	60
<b>Driving Motor</b>	30 hp AC motor with inverter control & cooling blower		
<b>Screw Dia. (mm)</b>	Ø45	Ø45	Ø45
<b>Screw L / D</b>	30 / 1	30 / 1	30 / 1
<b>Screw Material</b>	Bi-metallic	Bi-metallic	Bi-metallic
<b>Barrel Material</b>	SACM-645 with nitrided treatment		
<b>Barrel Thermo Controller</b>	2 points	2 points	2 points
<b>Barrel Cooling</b>	1/2 hp blower x 2 pcs		
<b>Dies Head</b>	Ø20 / Ø40	Ø30 / Ø50	Ø40 / Ø65
<b>Die Head Thermo Controller</b>	2 points	2 points	2 points
<b>Air Blower</b>	AC 7.5 hp with inverter for speed adjustment		
<b>Control Type</b>	Unique switch cabinet (box)		
<b>Take-up Roller (mm)</b>	Ø160 x 500L	Ø160 x 600L	Ø160 x 750L
<b>Take-up Motor</b>	1 hp AC motor with gear reducer		
<b>Take-up Speed (M/min)</b>	10~100	10~100	10~100
<b>Gusset Device</b>	1 unit	1 unit	1 unit
<b>Bubble Cage</b>	1 unit (by manual type)		
<b>Max. Height (m)</b>	4.9	4.9	4.9
<b>Type</b>	Single station auto cutting & changing operation adopts surface friction type		
<b>Film Width (mm)</b>	Max. 400	Max. 500	Max. 650
<b>Reels Max. Diameter (mm)</b>	Ø800	Ø800	Ø800
<b>Winding Rubber Roller (mm)</b>	Ø300 x 500L	Ø300 x 600L	Ø300 x 750L
<b>Winding Motor</b>	1 hp AC motor with inverter		

#### HE SERIES - HIGH SPEED FOR HDPE FILM

	AM-45HE-500	AM-45HE-600	AM-45HE-750
<b>Material to be Used</b>	HDPE	HDPE	HDPE
<b>Max. Layflat Width of Film (mm)</b>	400	500	650
<b>Film Thickness (mm)</b>	0.01-0.04	0.01-0.04	0.01-0.04
<b>Max. Extrusion Output (kg/hr)</b>	45	45	45
<b>Driving Motor</b>	20 hp AC motor with inverter control & cooling blower		
<b>Screw Dia. (mm)</b>	Ø45	Ø45	Ø45
<b>Screw L / D</b>	30 / 1	30 / 1	30 / 1
<b>Screw Material</b>	Bi-metallic	Bi-metallic	Bi-metallic
<b>Barrel Material</b>	SACM-645 with nitrided treatment		
<b>Barrel Thermo Controller</b>	3 points	3 points	3 points
<b>Barrel Cooling</b>	1/2 hp blower x 1 pcs		
<b>Dies Head</b>	Ø20 / Ø40	Ø30 / Ø50	Ø40 / Ø65
<b>Die Head Thermo Controller</b>	2 points	2 points	2 points
<b>Air Blower</b>	5 hp	5 hp	5 hp
<b>Control Type</b>	Unique switch cabinet (box)		
<b>Take-up Roller (mm)</b>	Ø165 x 500L	Ø165 x 600L	Ø165 x 750L
<b>Take-up Motor</b>	1/2 hp AC motor with inverter		
<b>Take-up Speed (M/min)</b>	10~100	10~100	10~100
<b>Gusset Device</b>	1 unit	1 unit	1 unit
<b>Bubble Cage</b>	1 unit (by manual type)		
<b>Max. Height (m)</b>	4.2	4.2	4.2
<b>Type</b>	Single station manual operation adopts surface friction type		
<b>Film Width (mm)</b>	Max. 400	Max. 500	Max. 650
<b>Reels Max. Diameter (mm)</b>	Ø900	Ø900	Ø900
<b>Winding Rubber Roller (mm)</b>	Ø215 x 500L	Ø215 x 600L	Ø215 x 750L
<b>Winding Motor</b>	1 hp AC motor with inverter		



AM-45HE-500/600/750

AM-55HG-800	AM-55HG-1000	AM-55HG-1200	AM-65HG-1200	AM-65HG-1500	AM-75HG-1600	AM-75HG-1800	AM-85HG-1800	AM-85HG-2100
HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
700	900	1100	1100	1400	1500	1700	1700	2000
0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08
120	120	120	180	180	270	270	360	360
50 hp AC motor with inverter control & cooling blower			75 hp AC servo motor with inverter control & cooling blower		100 hp AC servo motor with inverter control & cooling blower		125 hp AC servo motor with inverter control & cooling blower	
Ø55	Ø55	Ø55	Ø65	Ø65	Ø75	Ø75	Ø85	Ø85
30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1
Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic
SKD-61 with nitrided treatment			SKD-61 with nitrided treatment		SKD-61 with nitrided treatment		SKD-61 with nitrided treatment	
3 points	3 points	3 points	4 points	4 points	4 points	4 points	5 points	5 points
1/2 hp blower x 3 pcs			1/2 hp blower x 4 pcs		1/2 hp blower x 4 pcs		1/2 hp blower x 5 pcs	
Ø50 / Ø70	Ø70 / Ø90	Ø90 / Ø110	Ø90 / Ø110	Ø120 / Ø140	Ø130 / Ø150	Ø150 / Ø170	Ø150 / Ø170	Ø180 / Ø195
2 points	2 points	2 points	3 points	3 points	3 points	3 points	3 points	3 points
AC 10 hp with inverter for speed adjustment			AC 15 hp with inverter for speed adjustment		AC 15 hp with inverter for speed adjustment		AC 20 hp with inverter for speed adjustment	
Unique switch cabinet (box)			Unique switch cabinet (box)		Unique switch cabinet (box)		Unique switch cabinet (box)	
Ø160 x 800L	Ø160 x 1000L	Ø160 x 1200L	Ø160 x 1200L	Ø160 x 1500L	Ø160 x 1600L	Ø160 x 1800L	Ø160 x 1800L	Ø160 x 2100L
2 hp AC motor with inverter			1.8 kW AC servo motor		1.8 kW AC servo motor	2.9 kW AC servo motor	2.9 kW AC servo motor	
10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120
1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit
1 unit (auto electric type)			1 unit (auto electric type)		1 unit (auto electric type)		1 unit (auto electric type)	
5.8	5.8	5.8	6.9	6.9	7.5	7.5	8.6	8.6
Single station auto cutting & changing operation adopts surface friction type			Single station auto cutting & changing operation adopts surface friction type		Single station auto cutting & changing operation adopts surface friction type		Single station auto cutting & changing operation adopts surface friction type	
Max. 700	Max. 900	Max. 1100	Max. 1100	Max. 1400	Max. 1500	Max. 1700	Max. 1700	Max. 2000
Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000
Ø300 x 800L	Ø300 x 1000L	Ø300 x 1200L	Ø300 x 1200L	Ø300 x 1500L	Ø300 x 1600L	Ø300 x 1800L	Ø300 x 1800L	Ø300 x 2100L
2 hp AC motor with gear reducer			1.8 kW AC servo motor		1.8 kW AC servo motor	2.9 kW AC servo motor	2.9 kW AC servo motor	2.9 kW AC servo motor

AM-55HE-800	AM-55HE-1000	AM-55HE-1200	AM-65HE-1200	AM-65HE-1500	AM-75HE-1600	AM-75HE-1800	AM-85HE-1800	AM-85HE-2100
HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
700	900	1100	1100	1400	1500	1700	1700	2000
0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08	0.01~0.08
75	75	75	115	115	150	150	210	210
30 hp AC motor with inverter control & cooling blower			50 hp AC motor with inverter control & cooling blower		75 hp AC motor with inverter control & cooling blower		100 hp AC motor with inverter control & cooling blower	
Ø55	Ø55	Ø55	Ø65	Ø65	Ø75	Ø75	Ø85	Ø85
30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1
Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic
SACM-645 with nitrided treatment			SACM-645 with nitrided treatment		SACM-645 with nitrided treatment		SACM-645 with nitrided treatment	
3 points	3 points	3 points	4 points	4 points	4 points	4 points	5 points	5 points
1/2 hp blower x 3 pcs			1/2 hp blower x 4 pcs		1/2 hp blower x 4 pcs		1/2 hp blower x 5 pcs	
Ø50 / Ø70	Ø70 / Ø90	Ø90 / Ø110	Ø90 / Ø110	Ø120 / Ø140	Ø130 / Ø150	Ø150 / Ø170	Ø150 / Ø170	Ø180 / Ø195
2 points	2 points	2 points	3 points	3 points	3 points	3 points	3 points	3 points
5 hp	5 hp	5 hp	7.5 hp	7.5 hp	10 hp	10 hp	15 hp	15 hp
Unique switch cabinet (box)			Unique switch cabinet (box)		Unique switch cabinet (box)		Unique switch cabinet (box)	
Ø160 x 800L	Ø160 x 1000L	Ø160 x 1200L	Ø160 x 1200L	Ø160 x 1500L	Ø160 x 1600L	Ø160 x 1800L	Ø160 x 1800L	Ø160 x 2100L
2 hp AC motor with gear reducer			2 hp AC motor with gear reducer		2 hp AC motor with gear reducer		2 hp AC motor with gear reducer	
10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120
1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit
1 unit (by manual type)			1 unit (by manual type)		1 unit (by manual type)		1 unit (by manual type)	
5.6	5.6	5.6	6.7	6.7	7.5	7.5	8.2	8.2
Single station manual operation adopts surface friction type			Single station manual operation adopts surface friction type		Single station manual operation adopts surface friction type		Single station manual operation adopts surface friction type	
Max. 700	Max. 900	Max. 1100	Max. 1100	Max. 1400	Max. 1500	Max. 1700	Max. 1700	Max. 2000
Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000
Ø300 x 800L	Ø300 x 1000L	Ø300 x 1200L	Ø300 x 1200L	Ø300 x 1500L	Ø300 x 1600L	Ø300 x 1800L	Ø300 x 1800L	Ø300 x 2100L
2 hp AC motor with inverter			2 hp AC motor		2 hp AC motor	2 hp AC motor	2 hp AC motor	2 hp AC motor

**HLE SERIES - HIGH SPEED FOR HDPE & LDPE FILM**

	AM-55HLE-800	AM-55HLE-1000	AM-55HLE-1200	AM-65HLE-1200	AM-65HLE-1500	AM-75HLE-1600	AM-75HLE-1800	AM-85HLE-1800	AM-85HLE-2100
<b>Material to be Used</b>	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE
<b>Max. Layflat Width of Film (mm)</b>	700	900	1100	1100	1400	1500	1700	1700	2000
<b>Film Thickness (mm)</b>	0.01~0.08 (for HDPE), 0.02~0.15 (for LDPE)			0.01~0.08 (for HDPE), 0.02~0.15 (for LDPE)		0.01~0.08 (for HDPE), 0.02~0.15 (for LDPE)		0.01~0.08 (for HDPE), 0.02~0.15 (for LDPE)	
<b>Max. Extrusion Output (kg/hr)</b>	75	75	75	115	115	150	150	210	210
<b>Driving Motor</b>	30 hp AC motor with inverter control & cooling blower			50 hp AC motor with inverter control & cooling blower		75 hp AC motor with inverter control & cooling blower		100 hp AC motor with inverter control & cooling blower	
<b>Screw Dia. (mm)</b>	Ø55	Ø55	Ø55	Ø65	Ø65	Ø75	Ø75	Ø85	Ø85
<b>Screw L / D</b>	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1
<b>Screw Material</b>	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic
<b>Barrel Material</b>	SACM-645 with nitrided treatment			SACM-645 with nitrided treatment		SACM-645 with nitrided treatment		SACM-645 with nitrided treatment	
<b>Barrel Thermo Controller</b>	3 points	3 points	3 points	4 points	4 points	4 points	4 points	5 points	5 points
<b>Barrel Cooling</b>	1/2 hp blower x 3 pcs			1/2 hp blower x 4 pcs		1/2 hp blower x 4 pcs		1/2 hp blower x 5 pcs	
<b>Dies Head (for HDPE) (for LDPE/LLDPE)</b>	Ø50 / Ø70 Ø140	Ø70 / Ø90 Ø180	Ø90 / Ø100 Ø220	Ø90 / Ø100 Ø220	Ø120 / Ø140 Ø280	Ø130 / Ø150 Ø300	Ø150 / Ø170 Ø340	Ø150 / Ø170 Ø340	Ø180 / Ø195 Ø400
<b>Die Head Thermo Controller</b>	2 points	2 points	2 points	3 points	3 points	3 points	3 points	3 points	3 points
<b>Air Blower</b>	5 hp	5 hp	5 hp	7.5 hp	7.5 hp	10 hp	10 hp	15 hp	15 hp
<b>Control Type</b>	Unique switch cabinet (box)			Unique switch cabinet (box)		Unique switch cabinet (box)		Unique switch cabinet (box)	
<b>Take-up Roller (mm)</b>	Ø160 x 800L	Ø160 x 1000L	Ø160 x 1200L	Ø160 x 1200L	Ø160 x 1500L	Ø160 x 1600L	Ø160 x 1800L	Ø160 x 1800L	Ø160 x 2100L
<b>Take-up Motor</b>	2 hp AC motor with gear reducer			2 hp AC motor with gear reducer		2 hp AC motor with gear reducer		2 hp AC motor with gear reducer	
<b>Take-up Speed (M/min)</b>	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120
<b>Gusset Device</b>	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit
<b>Bubble Cage</b>	1 unit (by manual type)			1 unit (by manual type)		1 unit (by manual type)		1 unit (by manual type)	
<b>Max. Height (m)</b>	5.6	5.6	5.6	6.7	6.7	7.5	7.5	8.2	8.2
<b>Type</b>	Single station manual operation adopts surface friction type			Single station manual operation adopts surface friction type		Single station manual operation adopts surface friction type		Single station manual operation adopts surface friction type	
<b>Film Width (mm)</b>	Max. 700	Max. 900	Max. 1100	Max. 1100	Max. 1400	Max. 1500	Max. 1700	Max. 1700	Max. 2000
<b>Reels Max. Diameter (mm)</b>	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000
<b>Winding Rubber Roller (mm)</b>	Ø260 x 800L	Ø260 x 1000L	Ø260 x 1200L	Ø260 x 1200L	Ø260 x 1500L	Ø300 x 1600L	Ø300 x 1800L	Ø300 x 1800L	Ø300 x 2100L
<b>Winding Motor</b>	2 hp AC motor with inverter			2 hp AC motor with inverter		2 hp AC motor with inverter		2 hp AC motor with inverter	

**LE SERIES – HIGH SPEED FOR LDPE FILM**

	AM-55LE-800	AM-55LE-1000	AM-55LE-1200	AM-65LE-1200	AM-65LE-1500
<b>Material to be Used</b>	LDPE/LLDPE	LDPE/LLDPE	LDPE/LLDPE	LDPE/LLDPE	LDPE/LLDPE
<b>Max. Layflat Width of Film (mm)</b>	700	900	1100	1100	1400
<b>Film Thickness (mm)</b>	0.02~0.15		0.02~0.15	0.02~0.15	
<b>Max. Extrusion Output (kg/hr)</b>	85	85	85	110	110
<b>Driving Motor</b>	40 hp AC motor with inverter control & cooling blower			50 hp AC motor with inverter control & cooling blower	
<b>Screw Dia. (mm)</b>	Ø55	Ø55	Ø55	Ø65	Ø65
<b>Screw L / D</b>	30/1	30/1	30/1	30/1	30/1
<b>Screw Material</b>	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic
<b>Barrel Material</b>	SKD-645 with nitrided treatment			SACM-645 with nitrided treatment	
<b>Barrel Thermo Controller</b>	3 points	3 points	3 points	4 points	4 points
<b>Barrel Cooling</b>	1/2 hp blower x 2 pcs	1/2 hp blower x 2 pcs	1/2 hp blower x 2 pcs	1/2 hp blower x 3 pcs	1/2 hp blower x 3 pcs
<b>Dies Head</b>	Ø140 (LD/LLDPE)	Ø180 (LD/LLDPE)	Ø220 (LD/LLDPE)	Ø220 (LD/LLDPE)	Ø280 (LD/LLDPE)
<b>Die Head Thermo Controller</b>	2 points	2 points	2 points	3 points	3 points
<b>Air Blower</b>	AC 5 hp for speed adjustment			AC 7.5 hp for speed adjustment	
<b>Control Type</b>	Unique switch cabinet (box)			Unique switch cabinet (box)	
<b>Take-up Roller (mm)</b>	Ø160 x 800L	Ø160 x 1000L	Ø160 x 1200L	Ø160 x 1200L	Ø160 x 1500L
<b>Take-up Motor</b>	2 hp AC motor with gear reducer			2 hp AC motor with gear reducer	
<b>Take-up Speed (M/min)</b>	10~120	10~120	10~120	10~120	10~120
<b>Bubble Cage</b>	1 unit (by manual type)	1 unit (by manual type)	1 unit (by manual type)	1 unit (by manual type)	1 unit (by manual type)
<b>Max. Height (m)</b>	5.2	5.2	5.2	6.5	6.9
<b>Type</b>	Single station manual operation adopts surface friction type				
<b>Film Width (mm)</b>	700	900	1100	max. 1100	max. 1400
<b>Reels Max. Diameter (mm)</b>	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000
<b>Winding Rubber Roller (mm)</b>	Ø260 x 800L	Ø260 x 1000L	Ø260 x 1200L	Ø260 x 1200L	Ø260 x 1500L
<b>Winding Motor</b>	2 hp AC motor with gear reducer				

**HLG SERIES – HIGH SPEED FOR HDPE & LDPE FILM**

	AM-55HLG-800	AM-55HLG-1000	AM-55HLG-1200	AM-65HLG-1200	AM-65HLG-1500	AM-75HLG-1600	AM-75HLG-1800	AM-85HLG-1800	AM-85HLG-2100
<b>Material to be Used</b>	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE	HDPE/LDPE
<b>Max. Layflat Width of Film (mm)</b>	700	900	1100	1100	1400	1500	1700	1700	2000
<b>Film Thickness (mm)</b>	0.02~0.15 (for LDPE), 0.01~0.08 (for HDPE)			0.02~0.15 (for LDPE), 0.01~0.08 (for HDPE)		0.03~0.15 (for LDPE), 0.025~0.08 (for HDPE)		0.03~0.15 (for LDPE), 0.025~0.08 (for HDPE)	
<b>Max. Extrusion Output (kg/hr)</b>	120	120	120	180	180	270	270	360	360
<b>Driving Motor</b>	50 hp AC motor with inverter control & cooling blower			75 hp servo motor with inverter control & cooling blower		100 hp servo motor with inverter control & cooling blower		125 hp servo motor with inverter control & cooling blower	
<b>Screw Dia. (mm)</b>	Ø55	Ø55	Ø55	Ø65	Ø65	Ø75	Ø75	Ø85	Ø85
<b>Screw L / D</b>	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1	30 / 1
<b>Screw Material</b>	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic
<b>Barrel Material</b>	SKD-61 with nitrided treatment			SKD-61 with nitrided treatment		SKD-61 with nitrided treatment		SKD-61 with nitrided treatment	
<b>Barrel Thermo Controller</b>	3 points	3 points	3 points	4 points	4 points	4 points	4 points	4 points	4 points
<b>Barrel Cooling</b>	1/2 hp blower x 3 pcs			1/2 hp blower x 4 pcs		1/2 hp blower x 4 pcs		1/2 hp blower x 4 pcs	
<b>Dies Head (for LD/LLDPE) (for HDPE)</b>	Ø140 Ø50 / Ø70	Ø180 Ø70 / Ø90	Ø220 Ø90 / Ø100	Ø220 Ø90 / Ø100	Ø280 Ø120 / Ø140	Ø300 Ø130 / Ø150	Ø340 Ø150 / Ø170	Ø340 Ø150 / Ø170	Ø400 Ø180 / Ø195
<b>Die Head Thermo Controller</b>	2 points	2 points	2 points	3 points	3 points	3 points	3 points	3 points	3 points
<b>Air Blower</b>	AC 10 hp with inverter for speed adjustment			AC 15 hp with inverter for speed adjustment		AC 15 hp with inverter for speed adjustment		AC 20 hp with inverter for speed adjustment	
<b>Control Type</b>	Unique switch cabinet (box)			Unique switch cabinet (box)		Unique switch cabinet (box)		Unique switch cabinet (box)	
<b>Take-up Roller (mm)</b>	Ø160 x 800L	Ø160 x 1000L	Ø160 x 1200L	Ø160 x 1200L	Ø160 x 1500L	Ø160 x 1600L	Ø160 x 1800L	Ø160 x 1800L	Ø160 x 2100L
<b>Take-up Motor</b>	2 hp AC motor with gear reducer			1.8 kW AC servo motor		1.8 kW AC servo motor	2.9 kW AC servo motor	2.9 kW AC servo motor	
<b>Take-up Speed (M/min)</b>	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120	10~120
<b>Gusset Device</b>	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit
<b>Bubble Cage</b>	1 unit (by auto electric control)			1 unit (by auto electric control)		1 unit (by auto electric control)		1 unit (by auto electric control)	
<b>Max. Height (m)</b>	5.8	5.8	5.8	6.9	6.9	7.5	7.5	8.6	8.6
<b>Type</b>	Single station auto cutting & changing operation adopts surface friction type			Single station auto cutting & changing operation adopts surface friction type		Single station auto cutting & changing operation adopts surface friction type		Single station auto cutting & changing operation adopts surface friction type	
<b>Film Width (mm)</b>	Max. 700	Max. 900	Max. 1100	Max. 1100	Max. 1400	Max. 1500	Max. 1700	Max. 1700	Max. 2000
<b>Reels Max. Diameter (mm)</b>	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	Ø1000
<b>Winding Rubber Roller (mm)</b>	Ø300 x 800L	Ø300 x 1000L	Ø300 x 1200L	Ø300 x 1200L	Ø300 x 1500L	Ø300 x 1600L	Ø300 x 1800L	Ø300 x 1800L	Ø300 x 2100L
<b>Winding Motor</b>	2 hp AC motor with gear reducer			1.8 kW AC servo motor		1.8 kW AC servo motor	2.9 kW AC servo motor	2.9 kW AC servo motor	

**LE SERIES – HIGH SPEED FOR LDPE FILM**

AM-75LE-1800	AM-75LE-2100	AM-75LE-2300	AM-85LE-2100	AM-85LE-2300	
LDPE/LLDPE	LDPE/LLDPE	LDPE/LLDPE	LDPE/LLDPE	LDPE/LLDPE	<b>Material to be Used</b>
1700	2000	2200	2000	2200	<b>Max. Layflat Width of Film (mm)</b>
0.025~0.15	0.025~0.15	0.025~0.15	0.025~0.15	0.025~0.15	<b>Film Thickness (mm)</b>
160	160	160	200	200	<b>Max. Extrusion Output (kg/hr)</b>
75 hp AC motor with inverter control & cooling blower			100 hp AC motor with inverter control & cooling blower		<b>Driving Motor</b>
Ø75	Ø75	Ø75	Ø85	Ø85	<b>Screw Dia. (mm)</b>
30/1	30/1	30/1	30/1	30/1	<b>Screw L / D</b>
Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	Bi-metallic	<b>Screw Material</b>
SACM-645 with nitrided treatment			SACM-645 with nitrided treatment		<b>Barrel Material</b>
4 points	4 points	4 points	5 points	5 points	<b>Barrel Thermo Controller</b>
1/2 hp blower x 3 pcs	1/2 hp blower x 3 pcs	1/2 hp blower x 3 pcs	1/2 hp blower x 4 pcs	1/2 hp blower x 4 pcs	<b>Barrel Cooling</b>
Ø340 (LD/LLDPE)	Ø400 (LD/LLDPE)	Ø440 (LD/LLDPE)	Ø400 (LD/LLDPE)	Ø440 (LD/LLDPE)	<b>Dies Head</b>
3 points	3 points	3 points	3 points	3 points	<b>Die Head Thermo Controller</b>
AC 10 hp for speed adjustment			AC 15 hp for speed adjustment		<b>Air Blower</b>
Unique switch cabinet (box)			Unique switch cabinet (box)		<b>Control Type</b>
Ø160 x 1800L	Ø160 x 2100L	Ø160 x 2300L	Ø160 x 1500L	Ø160 x 1500L	<b>Take-up Roller (mm)</b>
2 hp AC motor with gear reducer			2 hp AC motor with gear reducer		<b>Take-up Motor</b>
10~120	10~120	10~120	10~120	10~120	<b>Take-up Speed (M/min)</b>
1 unit (by manual type)	1 unit (by manual type)	1 unit (by manual type)	1 unit (by manual type)	1 unit (by manual type)	<b>Bubble Cage</b>
7.5	7.5	7.5	8.2	8.2	<b>Max. Height (m)</b>
Single station manual operation adopts surface friction type			Single station manual operation adopts surface friction type		<b>Type</b>
max. 1700	max. 2000	max. 2200	max. 2000	max. 2200	<b>Film Width (mm)</b>
Ø1000	Ø1000	Ø1000	Ø1000	Ø1000	<b>Reels Max. Diameter (mm)</b>
Ø260 x 1800L	Ø260 x 2100L	Ø260 x 2300L	Ø260 x 2100L	Ø260 x 2300L	<b>Winding Rubber Roller (mm)</b>
2 hp AC motor with gear reducer			2 hp AC motor with gear reducer		<b>Winding Motor</b>



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