

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

Catalogue

- Page 2. Company Introduction
- Page 3. Mulch Film Machine
- Page 4. Greenhouse film Machine
- Page 5. Stretch Film Machine
- Page 5. XPS Board Foam Machine
- Page 5. EPE Foam Sheet Machine
- Page 6. Air Bubble Film Machine
- Page 6. Shrink Film Machine
- Page 7. Cast Film Machine
- Page 8. PVC/PE Pipe Machine
- Page 8. Geomembrane Machine

Note: See more details at <http://www.flyplastic.cn>

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

Introduction:

Laiwu Fengliyuan Plastic Machinery Co., Ltd. is a large and professional plastic machinery manufacturer, located in High-Tech Development Zone of Laiwu. Our company has set up a complete quality management system to pursue excellence. With advanced development strategy, our company has mastered technology and know-how. We have hard-working, dedicated and professional personnel. Adhering to the tenet of "market demand oriented, specialized technique, product industrialization and perfect service", our company has made breakthrough in many product domains.

We are specialized in manufacturing **(3-7) layer packaging film machines, greenhouse film/geomembrane blowing machines, Stretch film machines, casting film lines, air bubble film production lines, EPE physical high foam lines, XPS foam insulation board units**, wood-plastic composite production lines, PVC profile production lines and various pipe production lines. We can meet your requirements in terms of special product design, process and installation.

Fengliyuan, taking "Innovation in science and technology to gain win-win future" as our philosophy, is committed to the development and innovation of new plastic machinery. We will try our best to provide you with impeccable services.

Overseas Sales Department.

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

Address: No.006 Xiangshan Road, High-tech District, Laiwu City

Fax: 0086-634-8815166

Tel: 0086-634-8815599

Skype: zhou201086

MSN: lifuzhou365@hotmail.com

Email: fuzhou1@gmail.com

Webset: <http://www.flyplastic.cn>

Note: See more details at <http://www.flyplastic.cn>

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

Our highly professional Products are as follows:

- **Mulch film machine (producing film from 1000mm to 3000mm used in farming)**

Type	LD1100	LD1300	LD1600	LD2200	LD2500	LD2800	LD3200
Width mm	1000	1200	1500	2000	2300	2600	3000
Thickness mm	0.004-0.008			0.006-0.01			
output kg/h	50	55	120	140	140	160	240
Raw material	LLDPE , LLDPE and LDPE						
Dia of screw mm	45	50	65	75	75	75	90
L/D	30						
Haul-off speed m/min	120	120	120	100	100	100	100
main motor kw	15	18.5	37	55	55	55	90
die	Spiral die head						
power capacity kw	28	32.5	75	80	88	105	180
Overall dimension m	6.2*2.3*5	6.4*2.5*5	6.63*3*6	7.5*2.5*7	7.8*3.2*8	8*3.5*10	13*4*10
weight T	5.2	5.5	6.5	8.5	9	9.8	12

Note: See more details at <http://www.flyplastic.cn>

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

➤ **Agriculture film machine (Produce 4m film to 20m film used in greenhouse construction)**

model	3FM2800-I	3FM3500-I	3FM4500-I	3FM5000-I	3FM5500-I	3FM5500-II
Max width mm	10000	12000	14000	16000	18000	20000
Film thickness mm	0.08 — 0.12					
Composite layer	3					
raw material	LDPE , LLDPE , EVA ,etc.					
Max output (kg/h)	600	1000	1400	1700	1900	2100
Extruder	90/30*2 120/25*1	135/35*2 150/30*1	150/30*3	150/30*2 180/30*1	180/30*3	180/30*2 200/30*1
power of main motor kw	90*2+110	160*2+200	220(250)*3	220(250)*2+ 280	280*3	280*2+315
Dia of die head mm	1400	1600	1800	2000	2200	2400
Double-gap air-ring	3000	3400	3600	3800	4000	4200
Haul-off height mm	19000	21000	24000	26500	28000	30000
Haul-off and winding speed m/min	3 — 30					
Total power of unit kw	750	1000	1200	1400	1500	1750
Overall dimension m	16*9*20	18*12*21	19*11*24	20*13*26	20*15*28	22*22*30

Note: This is just parts of our greenhouse film machines. We also can do 4 meter to 9 meter greenhouse film machines. As there are many factories can do that. So we do not state them here.

Note: See more details at <http://www.flyplastic.cn>

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

Stretch Film Machine (Being commonly used as packaging film)

No.	model	Width (mm)	Extruder	speed m/min	output kg/h	remarks
1	LD650	500	EX-45	40	30	double-side d adhesion
2	LD1300	1100	EX-65	50	60	double-side d adhesion
3	LS650	500	EX-45 (2)	40	50	one-sided adhesion
4	LS1300	1100	EX-55 (2)	50	80	one-sided adhesion

XPS board foam machine (for insulation board mainly)

items	Technical specification		
	model	L/D	Driving power
Extruder	135-33	33 to 1	90KW
	150-35	35 to 1	55KW
Products width (mm)	600-900		
Products thickness (mm)	25--90		
Output(m ³ /year)	50000--70000		
Total power (kw)	260		

EPE foam sheet machine

Model	EPE-90	EPE-105	EPE-120	EPE-135	EPE-150
Sheet width mm	900-1300	1000-1500	1100-1600		
Thickness (mm)	0.4-4	0.5-6	1-7	1-10	1.5-15
Output kg/h	100	130	180	220	320
Total power kw	90	110	128	145	178
Dia. of screw mm	90	105	120	135	150
L/D	55 : 1				
Motor Driving power kw	37	45	75	90	110
Heating power kw	42	48	54	56	64
Pump pressure	14 — 30MPa				
Haul-off power kw	2.2	2.2	3.5	3.5	4
torque motor (N.M)	6	10	10	16	16

Note: See more details at <http://www.flyplastic.cn>

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

Air Bubble Film Machine

Model	Material	Width	mm	Max Output (kg)	Total Power (kw)	Weight (kg)
ABF-1000	LDPE	1000		80	80	5300
ABF-1200	LDPE	1200		100	90	5500
ABF-1500	LDPE	1500		120	105	6000
ABF-1600	LDPE	1600		140	105	6500
ABF-1800	LDPE	1800		160	135	6900
ABF-2000	LDPE	2000		200	165	7400
ABF-2400	LDPE	2400		260	220	7900

Shrink Film Machine

model	Extruder	Motor power kw	Dia of die head mm	Max reduced dia mm	Traction spindle mm	Traction winding M/min	and speed
PES800SJ-50/-I	28	15	Φ 100 - 150	Φ 700	Φ 160 *800	3-50	
PES110SJ-55/0-I	28	22	Φ 200 - 250	Φ 1000	Φ 160 *1100	3-50	
PES130SJ-55/0-I	28	22	Φ 200 - 300	Φ 1200	Φ 160 *1300	3-50	
PES160SJ-65/0-I	28	37	Φ 200 - 350	Φ 1500	Φ 160 *1600	3-50	
PES180SJ-75/0-I	28	45	Φ 350 - 450	Φ 1700	Φ 160 *1800	3-50	
PES220SJ-90/0-I	30	75	Φ 450 - 550	Φ 2000	Φ 160 *2200	3-50	
PES320SJ-120/0-I	/30	90	Φ 550 - 650	Φ 3000	Φ 190 *3200	3-50	

Note: See more details at <http://www.flyplastic.cn>

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

Cast film machine

model	3FPM1400	3FPM1800	3FPM2200		
Film width mm	1200	1600	2000		
Film thickness mm	0.015—0.15	0.015—0.15	0.015—0.15		
Composite lasyer	3--5	3--5	3--5		
Applicable materials	EVA	LLDPE	LDPE	HDPE	PP
Max output kg/h	150	200	280		
Extruder	2*55+65	2*65+75	2*65+90		
Drive power of main motor kw	2*30+37	2*37+45	2*37+75		
Length of die head mm	1350	1750	2150		
Styles of cast spindle mm	Ø550*1400	Ø550*1800	Ø550*2200		
Max coiling speed m/min	150	120	120		
Take-up forms	full-automatic friction take-up				
Total power of unit kw	120	140	170		
Overall dimension (L*B*H)m	15*2.5*3.5	17*3.2*3.5	18*3.4*3.5		

Note: See more details at <http://www.flyplastic.cn>

Laiwu Fengliyuan Plastic Machinery Co.,Ltd.

PE/PVC pipe machine

Models	Pipe dimension(mm)	Extruder	Max output(kg/h)	Total power(kw)
FLYPEG-160	50-160	SJ65/33 SJ25/25	120-220	130
FLYPEG-250	110-250	SJ75/33 SJ25/25	280-350	280
FLYPEG-450	160-450	SJ95/33 SJ25/25	350-500	400
FLYPEG-630	315-630	SJ120/33 SJ30/25	550-980	550
FLYPEG-800	400-800	SJ150/33 SJ30/25	800-1400	750

Geomembrane machine (waterproof membrane machine that widely used in construction)

1,Single layer (double layer) Geomembrane unit

Items	Extruder	mould(m m)	Pull length(mm)	rollRack height(m)	Unfold rack(mm)	Output (kg/h)	Total power(kw)
6 meter	SJ-135 sets	2 Ø1400	3200	19	6500	800	650
8 meter	SJ-150 sets	2 Ø1800	4200	21	8500	1000	760
10 meter	SJ-180 sets	2 Ø2200	5500	24	10500	1250	960

2,Three layer Geomembrane unit

Items	Extruder	Mould (mm)	Pull length(mm)	rollRack height(m)	unfoldrack(mm)	output(kg /h)	Total power (kw)
6 meter	SJ-135 sets	3 3FM1400	3200	19	6500	1000	850
8 meter	SJ-150 sets	3 3FM1800	4200	21	8500	1500	960
10 meter	SJ-180 sets	3 3FM2200	5500	24	10500	1800	1200

Note: See more details at <http://www.flyplastic.cn>