PP Spunbonded Fabric Production Line

1. Model No.:

YF-S

2. More Information for PP Spunbonded Fabric Production Line:

This production line is filament polypropylene fiber spunbonded non-woven fabric equipment. Its raw material is polypropylene(PP), take the principle of spinning man-made fibres, during polymer filature, continuous filament is extended into fiber, during which is finished by mechanical hot pressing.

The machine assembly we adopt is new advanced veneer integer slot air flow draw technology, the whole process from material feeding to cloth output is automatic control short production flow, high working efficiency. The non-woven fabric we produce has high strength, good softness, innocuity, acterium-proof, corrosion resistance, high-level draw strength and elongation rate.

They are widely used for dress, decoration materials, medical sanitation materials, daily life products and in the industrial, agricultural fields. In addition, this production line can produce non-woven fabrics of different color, differen grams, different lines according to users'demand.

3. Main Technical Parameters:

Model No.	YF-S1600	YF-S2400	YF-S3200
Width of Fabric (mm)	1600	2400	3200
Daily Output (ton)	5	7-8	8-9
Diameter of Main Screw (mm)	135	150	170
L/D Ratio of Main Screw	30:1	30:1	30:1
Screw for Waste Recycling (mm)	105	105	105
L/D Ratio of Screw for Waste Recycling	15:1	15:1	15:1
Installation Power (kw)	400	500	600
Installation Dimension (L × W × H) (m)	7 × 9 × 11	7.8 × 9 × 11	8.6 × 9 × 11

Remark: embossing rollers with point pattern, cross pattern, or line pattern can be made to order. Adjustable range of weight: 9-250gsm

4. The package:
Packed in nude

5. The Payment:
a. We accept T/T and L/C
b. The lead time is 60-90 days
c. The warranty time is 12 months

Flat Yarn Extrusion Line

1. Model No. of Flat Yarn Extrusion Line:
YF-SPL

2. More Information for Flat Yarn Extrusion Line:
This machine, using material of PP & HDPE, through heating, extruding and drawing, makes tape that is then winded for the weaving of the circular loom.

The screw and cylinder are made of nitrided 38CrMoA1A alloy steel, the hardness of which can reach over HV950. Helical gear reducer made of 20CrMnTi alloy steel is applied to the extruder as well.

The chain wheel adopts 45# medium carbon steel after being treated by high-frequency quench. The driving rollers are electroplated with hard CR and the self-control tension winding roller is adopted by the traction unit. Moreover, the barrel, tee fitting and die adopts aluminium cast heater which is durable.

YF-SPL series flat yarn extrusion line is designed and developed on the base of introducing and assimilating the up-to-date technologies at home and abroad.

It adopts the international electric digital-simulation control technology such as computer-controlled frequency conversion speed regulation so as to make the main target reach the international advanced level.

Meanwhile, with high production efficiency and high quality of tape tube forming, as required, this assembly can also be equipped with advanced filter change structure as well as fibrosis structure that is used for producing flexible packaging bags or fibrosis sewing thread.

This line has two kinds of stock thread heating structures, i.e. hot-blast stretching oven and electric baking board for customers' alternatives. Applied to a wide range, it can be used for the forming of PP, HDPE and LLDPE flat yarn.

3. Main Technical Parameters:

Model No.	YF-SPL-80/ 33/800	YF-SPL-90/ 33/1000	YF-SPL-110/ 30/1200	YF-SPL-120/ 30/1500	YF-SPL-135/ 30/2000
Max. Extrusion Output (kg/h)	200	280	380	500	630
Screw Diameter (mm)	80	90	110	120	135
Ratio of L/D	33:1	33:1	30:1	30:1	30:1

Rotational Speed of Screw (r/min)	20-120	20-120	20-120	20-120	20-120
Width of Die Lip (mm)	800	1000	1200	1500	2000
Max. Linear Speed (m/min)	280	280	280	280	280
Flat Yarn Denier Scope (tex)	60-200	60-200	60-200	60-200	60-200
Drawing Ratio	4-10	4-10	4-10	4-10	4-10
No. of Winder (Spindles)	136	176	208	256	344
Dimension of Bobbin (D×L) (mm)	38×230	38×230	38×230	38×230	38×230
System Installed Power (kw)	240	290	320	380	450
Normal Consumption Power (kw)	120	160	170	210	250
Installing Dimensions (L×W×H) (mm)	29000×3600 ×3200	32000×3600 ×3200	34000×3800 ×3200	37000×3800 ×3200	45000×3800 ×3200
Approx. Weight (kg)	21000	26000	30000	32000	40000

Remark: The number of spindles can be collocated according to the customers' requirements.

The specifications of bobbins can be made in accordance with the customers' requirements

4. The Package:

Packed in nude or wooden case

5. The Payment:

a. We accept T/T and L/C

b. The lead time is within 60 days after we receive the advance payment or irrevocable L/C at sight.

c. The warranty time is 12 months

Swing Arm Type Oil-free Little Cam Four-shuttle Circular Loom

1. Model No. of Four-shuttle Circular Loom:

YF-BT/BC-750/4

2. More Information for Four-shuttle Circular Loom:

1. Small cam type and convex table as well as swing-beam rolling wheel transmission is adopted, making it easy and stable to run.

2. Slide block and rod are eliminated while the wearing parts are decreased. Rolling transmission is adopted in entire structure, which doesn't need lubricant.

3. Frequency speed regulation which is convenient and stable is adopted.

4. It is configured with automatically stop detecting unit when meeting the situation of warp/weft breaking, weft ending. The stoppage unit is sensitive and reliable.

5. It's an environmental product whose noise is not more than 80dB(A).

6. Low strength plastic yarn which is made from 100% regenerated plastic can be adopted to weave.

7. It is high-efficient and energy-efficient. The highest rotation speed of the main motor can reach 180r/min and the power is 1.5/2.2kw, which can save 10 thousand degree electricity compared with the traditional four shuttle circular loom whose power is 4kw.

8. It is a patent device. (Patent No.: ZL 200820166333.1)

This kind of circular loom can use plastic monofilament and tape as warp while plastic tape as weft to weave mesh bags and produce package bags for vegetables and fruits by cutting and sewing.

3. Main Technical Parameters:

Model No.	YF-BT/BC-750/4	YF-BT/BC-750/4F	YF-BT/BC-1100/4	YF-XT/BC-1400/4
Number of Shuttle	4	4	4	4
Folding Width of Weaving (mm)	350-750	350-750	550-1100	700-1400
Max. Number of Warp (pcs)	640/768	576/672	896	1040
Rotational Speed of Main Body (r/min)	140-180	140-180	120-160	90-125
Production Capability (m/min) (40 warps /100mm))	1.4-1.8	1.4-1.8	1.2-1.6	0.9-1.25
Power of Main Motor(kw)	1.5-2.2	1.5	2.2	3/4
Gross Power of Motor(kw)	2/2.7	2	2.7	3.5/4.5
Installing Dimensions (L×W×H) (mm)	8300×2200×2730	8300×2200×2730	8900×2350×2960	9800×2500×2960
Approx.Weight (kg)	1800	1750	2100	2500

Remark: Technical parameters are subject to change without prior notice.

4. The Package:

Packed in nude or wooden case

5. The Payment:

a. We accept T/T and L/C

b. The lead time is within 35 days after we receive the advance payment or irrevocable L/C at sight.

c. The warranty time is 12 months

Swing Arm Type Oil-free Little Cam Six-shuttle Circular Loom

1. Model No. of Six-shuttle Circular Loom:

YF-BT/BC-850/6

2. More Information for Six Shuttle Circular Loom:

1. Little cam type and convex table as well as swing-beam rolling wheel transmission is adopted, making it easy and stable to run.
2. Slide block and rod are eliminated while the wearing parts are decreased.
3. Rolling transmission is adopted in entire structure, which doesn't need lubricant.
4. It can be configured with automatically stop detecting unit when meeting the situation of warp/ weft breaking, weft ending. The stoppage unit is sensitive and reliable.
5. Frequency speed regulation which is convenient and stable is adopted.
6. It is high-efficient and energy-efficient. The highest rotation speed of the main motor can reach 180r/min and th e power is 3kw, which can save 10 thousand degree electricity compared with the traditional small-sized six shuttl e circular loom whose power is 4kw.
7.As required, electronic intelligent fabric-lifting unit can be configured, which can set the warp/weft density casually.
8. It is a patent device. (Patent No.: ZL 200820166333.1)

3. Main Technical parameters:

Model No.	YF-BT/BC-850/6
Number of Shuttle	6
Folding Width of Weaving (mm)	350-850
Max. Number of Warp (pcs)	720/864
Rotational Speed of Main Body (r/min)	120-160
Production Capability (m/min) (40 warps /100mm))	1.8-2.4
Power of Main Motor(kw)	2.2/3
Gross Power of Motor(kw)	2.7/3.2
Installing Dimensions (L×W×H) (mm)	8500×2300×2730
Approx.Weight (kg)	2100

Remark: Technical parameters are subject to change without prior notice.

4. The Package:

Packed in nude or wooden case

5. The Payment:

a. We accept T/T and L/C

b. The lead time is within 45 days after we receive the advance payment or irrevocable L/C at sight.

c. The warranty time is 12 months

Big-sized Six-shuttle Circular Loom

Eight-shuttle Circular Loom

1. Model No. of Six-shuttle Circular Loom and Eight-shuttle Loom:

YF-YZJ-6/2100
YF-YZJ-8/2100

2. More Information for Six-shuttle Circular Loom and Eight-shuttle Loom:

Big-sized Six-shuttle Circular Loom is used to produce flexible intermediate bulk container (FIBC) bag, woven geofabric, while the eight-shuttle circular loom can make tarpaulin for rainproof and sunshade.

With frequency-conversion stepless speed regulation, it is configured with warp/weft breaking detecting system, warp/weft ending monitoring system as well as automatic meter-counter.

3. Main Technical Parameters:

Model No.	YF-YZJ-6/2100	YF-YZJ-8/2100
Number of Shuttle	6	6

Folding Width of Weaving (mm)	1400-2100	1400-2100
Max. Number of Warp (pcs)	2400	2400
Rotational Speed of Main Body (r/min)	35-70	35-70
Production Capability (m/h) (40 warps /100mm))	30-60	40-80
Gross Power of Motor(kw)	10/15	10/15
Installing Dimensions (L×W×H) (mm)	17370×3535×4000	17370×3535×4000
Approx.Weight (kg)	7000	7000

Remark: Technical parameters are subject to change without prior notice.

4. The Package:

Packed in nude.

5. The Payment:

a. We accept T/T and L/C

b. The lead time is within 60 days after we receive the advance payment or irrevocable L/C at sight.

c. The warranty time is 12 months

Lamination Machine

1. Model No. of Lamination machine:

SJ-FMF

2. More Information for Lamination Machine:

Making use of the good adhesive property of polypropylene & polyethylene at melting status, the machine adheres and laminates paper or color-printed OPP & CPP film to woven bag under pressure, and through cutting-off and sewing to make paper & plastic laminated or color-printed packaging woven bags.

It can also do coating on woven bags with melted polypropylene& polyethylene film to make laminated woven bag.

The extruder, with helical gear reducer of 20CrMnTi alloy steel and the screw &cylinder made of nitrided 38CrMoA1A alloy steel adopts automatic temperature control system to adjust melting temperature.

Width of coating & laminating can be regulated, and stepless speed regulation is to control coating thickness and laminating speed, 6stations for material feeding.

The pneumatic-hydraulic edge correction for rewinder assures the accuracy of coating.

Pneumatic roller can assure even pressure.
Automatic counting, edge-blowing, perforating, edge-folding, cutting-off or winding devices are applied.

3. Main Technical Parameters:

Model No.	SJ-FMF90/1000	SJ-FMF120/1500
Diameter of Screw (mm)	90	120
L/D Ratio of Screw	26:1	28:1
Number of Die	2	1
Width of Die(mm)	1000	1500

Gross Power(kw)	58	96
Motor Power of Extruder(kw)	15	37
Heating Power of Extruder (kw)	32	42
Power of Driving Motor(kw)	5.5	11
Max. Coating Width(mm)	750	1200
Coating Speed (m/min)	30-100	30-100
Installing Dimensions (L×W×H) (mm)	13800×6000×2500	15500×8000×2500
Approx.Weight (kg)	8000	10000

Remark: Dies can be designed for this equipment in order to laminate materials with various widths.
Technical parameters are subject to change without prior notice.

4. The Package:

Packed in nude or wooden case.

5. The Payment:

a. We accept T/T and L/C

b. The lead time is within 40 days after we receive the advance payment or irrevocable L/C at sight.

c. The warranty time is 12 months

Flexographic Printing Machine

1. Model No. of Flexographic Printing Machine:

YF-RY

2. More Information for Flexographic Printing Machine:

Adopting soft sensitive resin as its printing plate, this kind of aniline printing machine can be used to print PP/PE woven cloth tube, PP/PE film tube, cellophane and web, which is an ideal equipment for printing PP/PE woven cloth, non-woven cloth, shopping bags, vest bags as well as garment bags.

1. Easy operation, flexible start, accurate register.

2. The meter-counter can preset printing quantity so that the machine stops automatically when the preset number is reached or the material is run out.

3. Lift and lower the printing rollers manually or automatically and the printing ink can automatically stir after being lifted so as to avoid being dried and frozen.

4. The printing ink is transmitted by cobweb cylinder, which assures even ink color.

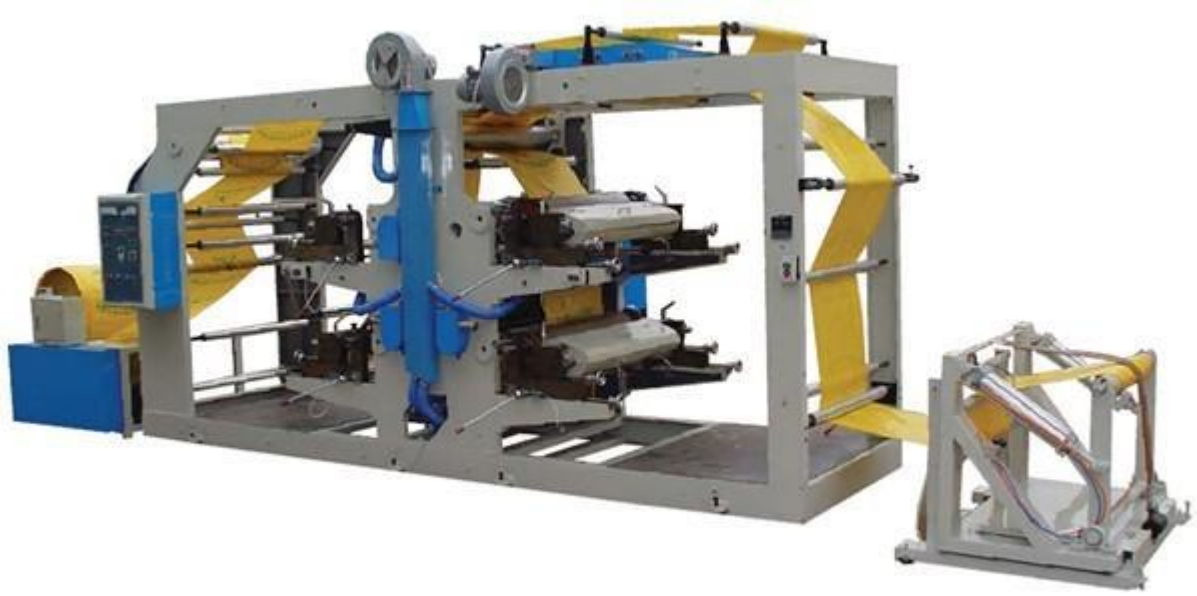
5. Reliable drying system, high-speed running, automatic turnoff once the machine stops.

6. 360 continuous and adjustable longitudinal register plate.

7. Inverter motor for speed regulation adapts to different printing speed.

8. Buttons for "Jog" and "Stop" on roller base and rewinding stand are convenient to operate the machine while installing the plates.

3. Main Technical parameters:



Model No.	YF-RY2800	YF-RY4800	YF-RY6800
Max. Diameter of Unprinted Roll (mm)	1200	1200	1200
Max. Width of Unprinted Roll (mm)	800	800	800

Max. Printing Width (mm)	700	700	700
Printing Length (mm)	230-1200	230-1200	230-1200
Max. Printing Colors	2	4	6
Printing Speed (m/min)	5-50	5-50	5-50
Gross Power (kw)	10	12	15
Installing Dimensions (L×W×H) (mm)	4000×1800×2200	6000×1800×2400	6000×1800×2400
Approx.Weight (kg)	2500	3500	4500

4. The Package:

Packed in nude or wooden case.

5. The Payment:

a. We accept T/T and L/C

b. The lead time is within 40 days after we receive the advance payment or irrevocable L/C at sight.

c. The warranty time is 12 months