



Quotation Paper production machines for sublimation

Depending on the type of pulp, thickness and line speed, a paper production line can create 100 different types of paper. From very heavy and low-quality box or kraft paper, which is used to produce "cardboard boxes" to very thin and high-quality "book paper", paper comes in different weights and qualities. Generally, mills are divided into "high quality paper" or "craft mills". Paper is produced continuously by kraft mills with slight variations for basis weight or coating.

Sublimation paper is used to print different images on objects and accessories that cannot be printed on. A type of paper that is used for printing on fabric and clothes. You can transfer your design by heating this paper on the desired objects. Also, light paper is used to produce toilet paper and handkerchief.



Method of production:

The method of preparing cellulose fiber pulp from wood recycling is mixed with water until the pulp becomes smooth and uniform, and then it is poured into the refining machine. This operation is done to separate the lignin and reduce the color of the dough. In this machine, the fibers are uniformly smoothed and sorted, and the pulp water is removed. In fact, sheets of paper are created by entangling cellulose fibers and pressing them. In this machine, the plates containing paper pulp vibrate due to vibration and make the paper pulp smooth and uniform. Finally, the last stage is paper drying, which is done by a machine with several cylinders called a dryer. In fact, the dough containing water is passed through nets with holes of two to three millimeters to lose most of its water, and then it is passed through strong presses until the remaining water is removed and it is completely dry. The dried dough is passed through special rollers to form paper sheets. At this moment, the paper is ready for use.



Specifications	
Output paper	White /graffit paper for sublimation
Gram weight	14~30/m
Net paper width	100~2800mm
Working Speed	100~280m/min
Capacity	5-7 T/D
Drive Way	PLC Control
Rail Gauge	1200mm~2200mm
Power	240W
Automation	Automatically

The main components of the paper production machine

1-Head box

2- Table or Wire: Water is taken from the fibers by this part.

3-Presses by pressing the sheet and passing through several presses in a row, more water is extracted from the fibers.

4- Dryers remove the remaining water from the paper by live steam, which causes more contact between the fibers.

5 -Size: Among the tasks of this machine, the press can provide better surface characteristics, smooth paper, good surface resistance, high surface resistance, and water resistance.

Printability , excellent dimensional stability and ironability.

This part consists of the following two rolls

*-fix roll The covering top of this roll is made of anti-wear resistant polymer with a thickness of 13 mm and a diameter of 776mm

*- Parss roll is the covering top of this roll (20mm) and its diameter is(780mm).

7 -IR: It is a kind of tunnel-shaped dryer whose main task is to dry the food added to the paper.

After passing through the size of the presses and the dryer, the paper sheets are calendered into metal rollers and the surface of the paper is smoothed and polished.

8- the drum rail reaches 95% and its humidity reaches 5%. In this part of the paper drying machine

9-Then the papers are cut to the required sizes in this part.

10- Rewinders The paper wrapped in Windars is opened again in the product warehouse and cut again in the desired sizes of customers and after being weighed into the unit



Packaging is sent.

11 .Finishing is the final part of the machine where the papers are packed.

Technical specifications of components	
Calender roll	Ø700*3000
Guide roller	3300×245×245
Roller	3600×750×800
Couch roll	3600×650×750
Calender roll	4600×750×800
Paper winder	3500×1300×1800
Mesh cage	3400×2100×2100
Shaper	3300×1200×1000
380 mill	1600×800×800
Pressure screen	2100×950×2300
Oscillating screen	3000×1800×1300
Spray pipe	3800×200×200
Pneumatic scraper	3800×400×500
Dehydration original	3400×120×150
Medium consistency pulper	2200×2200×1900
High consistency pulper	2600×2600×3200
Blanket spreader	3300×245×245
Gas hood	3000×2600×1900

