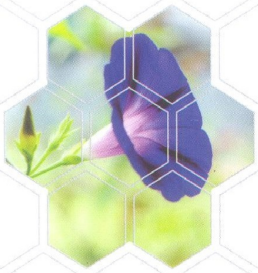
专业印花用圆网供应商

Professional Rotary printing Screen Supplier

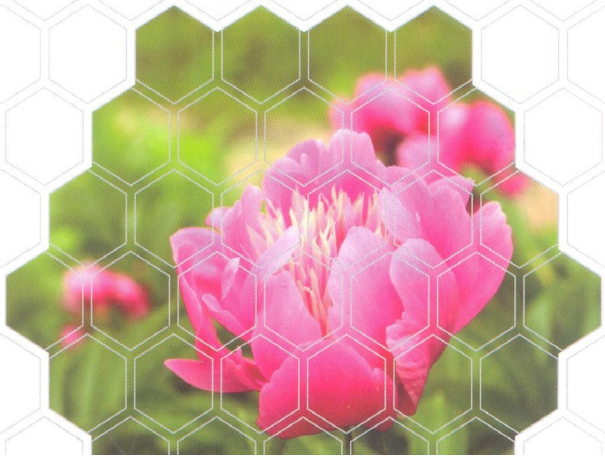




天马镍网

TIANMA SCREENS





公司简介
Company profile

江阴市天马镍网有限公司，始建于1994年，是一家专业生产印花用圆网，主要从事出口的高新技术型企业。

我公司经过多年的发展，目前已拥有员工200余人，年产印花圆网100余万只，产品规格已涵盖25目，30目，40目，50目，60目，70目，80目，100目，125目，135目，155目，165目，195目，圆周从640,688,725,819,914,1018,1206,1450,1680，长度从1410mm至3500mm，另外可按照客户要求生产特殊规格的墙纸网，并出口土耳其，巴西，印尼，印度，巴基斯坦，欧美等全球40余国家和地区。

我公司以“质量第一谋生存、服务优先取信誉、管理创新增效益、自强不息图发展”为宗旨，集研发、制造、销售、服务于一体，坚持科技创新，通过自身孜孜不倦的探索和研发，借助于欧洲的技术支持，引进欧洲的制造工艺和部分关键设备，辅以完善的质量控制体系，增强了企业的自主开发能力，制网工艺先进，产品规格齐全，质量领先于国内同行，跻身于世界一流的镍网制造企业行列。

Jiangyin Tianma Nickel Screen Co.,Led. was founded in 1994. It is a professional enterprise producing the rotary printing screen and is the high-tech enterprise mainly engaged in the export.

After years of development, our company now has more than 200 employees and with an annual output more than one million pieces of rotary printing screens, and the product specifications have already covered (25 mesh,30mesh,40mesh,50mesh,60mesh,70,mesh,80mesh,100mesh,125mesh,135mesh,155mesh,165mesh,and195mesh, the repeat is from 640mm,688mm,725mm,819mm,914mm,1018mm,1206mm,1450mm and 1680mm)and the length is from 1410mm to 3500mm.in addition, we can produce wallpaper screen with special specifications according to customer require ments and the products can be exported to more than 40 countries and regions world-wide,such as Turkey, Brazil, Indonesia, India, pakistan, Europe and America.

Quality first for survival. Service as priority for credibility, Management and innovation for efficiency, unremitting self-imorovement for development" is our tenet. Our company integrate researching, invention, manufacturing, sales, and service, insist on technology innovation. through tireless exploration and researching, with the support of European technology and manufacturing craft, equipped with the advanced key apparatus from Europe, combined with perfect quality control system, Our self-invention ability is enhanced. We boast the most advanced screen manufacturing technology, complete screen specifications, and the leading quality among the screen manufacturing counterparts in china, Tianma has become the world first class nickel screen manufacturer



天马镍网的优势
Advantages of Tianma Screens

1.Brittleless: use of sulphur-free additive at screen-making process enables non-existence of brittleness of screens during/after the rounding and polymerization process. Brittleness is the main cause of screen crack and damage on the rotary printing machine win operation. A convenient way to test the brittleness is the so-called "lighter test": a piece of screen sample burnt by lighter flame for 10 seconds, bend the screens sample to see if it breaks at the burnt spot.
Can endure 6-7 times stripping by waterjet or LEN.
网生产中使用不含硫添加剂，所以高温复圆和感光胶高温固化后，网无脆性。不会出现印花机台断网的现象。
这一性能的简便测试就是网不能被打火机烧断。可以重复剥胶使用6-7次。

2. Dyestuff saving by High mesh screens: due to the high density of holes, unique involuted hole shape, and minimized nickel dam, the coverage of dyestuff paste on the fabrics has largely increased compared with conventional Penta screens. For the same amount/ intensity of dyestuff deposit on surface of fabric, less squeegee/ magnetic roller pressure is required; as a result, substantial saving on dyestuff paste is achieved. Experiments have proved that up to 19% of paste volume can be saved at multiple printing mills around the world.
高目网节省浆料：高目网网孔密度大，孔型是大喇叭开口，而且镍坝小，浆料覆盖率高，可以使刮刀/磁棒
在较小压力下印花，实现面料的表面得浆，从而节省染化料。实验数据表明可节省多至19%的浆料。

3.Higher open area allows smooth throughout of dyestuff paste, so that printing speed and efficiency of printing machine can be ascended.
高目网的高开孔率使 透浆顺畅，可以提高开机速度，提高生产效率。

4.165 and 195 mesh screens can help achieve better gradation of half tones, as well as finer line width and reproduction of fine details of fabric design. Whilst 135 screen with extraordinary high open area(>25% if needed) can satisfy the high paste deposit requirement for solid printing on knitted fabrics.
165和195 高目高开孔率网可以实现更好的云纹过渡效果，和更细的细线条印花；135的超大开孔率可以满足
大出浆量的实地/色块印花。

5. Narrow tolerance of open area(+/-0.5%) and thickness(+/-3 microns) safeguard high consistency of screens, whichminimizes the color difference among right, middle and left side of printing width. In addition, it's worry free to pick screens from difference batches due to high level of quality control on consistency.
开孔率公差1%，厚度公差+/-3微米，保障网的高一致性，从而控制印花布幅的左中右色差；以及不同批次网与网之间
的通用性和一致性。

6. Without use of saccharin as additive, a screen exhibits good property of resilience, softness of screen is eliminated, and therefore creases are depressed during the prepress and printing processes, which provides convenience/efficiency for the operators during the handling and use of screens.
因为不使用糖精，网的韧性好，不软，不易起折痕，大大提高了制版过程和机台印花时的操作便利性。

7. Other advantages:
其他优势：
-Automatic screen cutter ensures uniform cutting edge and accuracy, which contribute to higher registration among printing stations for fine design printing.
自动剪网保障了网边缘的齐整度，有利于高精度印花。
-Combination of extra thickness and open area meets requirement of niche customer requirement such as wax and wall paper printing, an excellent substitute of expensive European SP/ CP screens.
高厚度，高开孔率的组合满足了蜡染和墙纸印花等特殊客户的需求，替代进口的SP/CP等高价特殊网。
- Provides with application support on prepress and printing processes.
可以提供网的制版，印花的工艺支持。

标准网
STANDARD SCREEN

圆网规格 Screen Specification			
圆周Repeat(mm)	530/640/688/725/819/914/1018		
长度Length(mm)	1410-3500		
目数 (Mesh)	厚度 Thickness(um)	开孔率 Open area(%)	孔径 Diameter (um)
25	160-165	30-32	720
40	145-150	28-30	318
60	115-120	18-20	161
70	110-115	16-18	131
80	110-115	16-18	105
100	105-115	15-17	74
105	105-115	15-17	94
125	100-105	14-16	79
125V	100-105	14-16	79
135	100-105	13-15	72
135V	100-105	13-15	72
155	100-105	12-13	60
165	100-105	12-13	71

注：所有“V”型网，网孔排列均为45°，特别适用于印制方格，线条等几何图形
所有品种镍网均可重复使用5-7次

Note: All “V” type screen, the hole arrangement angle is 45℃， especially suitable for geometry printing, eg-square and line, all screen can be repeatedly used for 5-7 times

GD镍网
GD SCREEN

圆网规格 Screen Specification

圆周Repeat(mm)	640		
长度Length(mm)	1410-3500		
目数 (Mesh)	厚度 Thickness (um)	开孔率 Open area (%)	孔径μm Diameter (um)
135ED	120	22	88
165ED(45°)	115	19	67
165ED(60°)	115	19	67
195ED	115	16	52
195ED	115	19	54
215ED	110	15	46

特点：具有网孔密，孔径大，弹性好，不宜堵浆等特点，具有更高印花速度，更低生产成本，高利用率的特点，是目前国际上最高品质印花圆网，可以通过提升工艺获得更佳印花效果并节约浆料，特别运用于印刷及印花行业印制任何精细图案花型。

Feature: With high density-big hole, elastic, blockage-proof feature, will increase the printing speed reduce the printing cost, improve the efficiency it' s the highest quality screen in the world through technology to get best printing result and reduce dyestuff consumption, especially used for fine printing

毛毯用镍网
BLANKET SPECIAL SCREEN

圆网规格 Screen Specification

圆周Repeat(mm)	1206-1280-1320-1350-1450-1500-1570-1600-1680-2000-2412		
长度Length(mm)	1410-3050		
目数 (Mesh)	厚度 Thickness (um)	开孔率% Open area (%)	孔径 Diameter (um)
60	180	18	161
80	180	18	161

特点：可代替平网用于毛毯印花
Feature: Can replace the flat-bed printing

蜡染专用网
WAX SPECIAL SCREEN

圆网规格 Screen Specification			
圆周Repeat(mm)	819/914		
长度Length(mm)	1410-3500		
目数 (Mesh)	厚度 Thickness (um)	开孔率 Open area (%)	*
60	145	24-26	*
80	120	18-20	*
100	125	15-17	*
125	120-180	15-25	*
155	120-150	15-22	*
165	120-150	15-20	*

注：所有品种的镍网均可重复5-7次

Feature: All screens can be repeatedly used for 5-7 times

墙纸网
WALLPAPER SCREEN

圆网规格 Screen Specification

圆周Repeat(mm)	640/914	
长度Length(mm)	1410-3500	
目数 (Mesh)	厚度 Thickness (um)	开孔率 Open area (%)
40LR	125	20
60LR	125	10.5
70LR	125	12.5
25SP	150	50
40SP	150	38
80SP	150	25
100SP	150	20
125SP	150	15以上
40CH	150	22
40CH	200	38
50CH	200	20
50CH	200	23
30HX	300	30以上
40HX	300	30
60HX	160	10

SP网：开孔率大，相对孔数多，特别适合装饰涂层，图案浆涂；
CH网：用于中厚类应用；
LR网：封闭层图案涂层，轻质涂层，人造革，壁纸和地板

SP Screen: Big open area and relatively less hole, especially suitable for decoration coating, dot printing
CH Screen: Suitable for medium or thicker printing
LR Screen: Closed drawing coating, light coating, artificial leather, wall paper and floor

天马镍网 TIANMA SCREENS

圆网包装 Rotary Screen Packing

印花长度 Printing Length	圆网长度 Screen Length	包装/每箱 Packing/Per Carton				
mm	mm	R 640	R 725	R 819	R 914	R 1018
1280	1410	20	20	10	10	10
1620	1750	20	20	10	10	10
1850	1980	20	20	10	10	10
1850	2090	20	20	10	10	10
2250	2380	10	10	10	10	10
2400	2650	10	10	10	10	10
2800	2940	10	10	10	10	10
2800	3050	10	10	10	10	10
3200	3500	10	10	10	10	10

圆网工艺适用性 Adaptability of rotary screen process

半色调花型 Hafe-tone	125/155/195
线条/几何花形 Line/geometry	155/165/195
大块面花型厚重织物 Huary fabric with big pattern	135ED
金银粉、白涂料 Goden silve powder	135ED
块面/几何花形同网印花 Block/geometry pattern	165ED



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