

TOP

HOLiAUMA

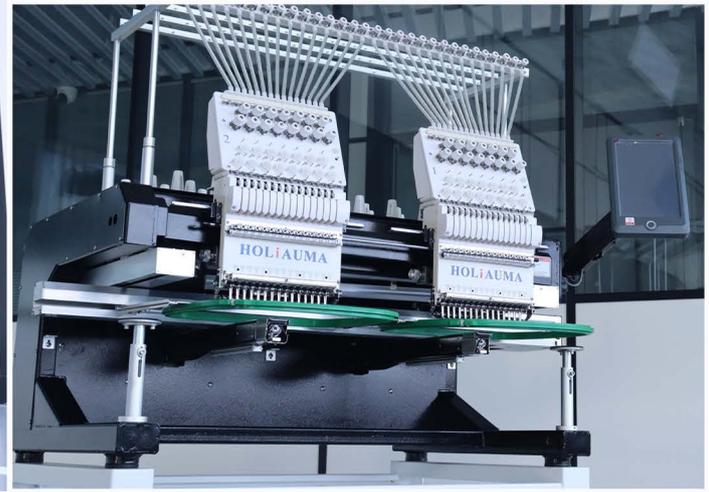
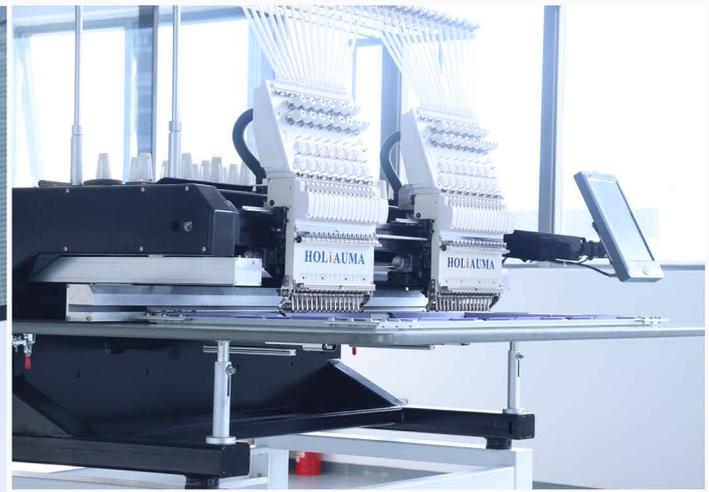
KING

A large industrial embroidery machine is shown in a factory setting. The machine is white and black, with a large touchscreen display in the center. The screen shows a tiger's face with green digital lines overlaid on it. The machine has many spools of thread and a complex mechanical structure. The background shows a modern factory with large windows and industrial lighting.

2023-AI
TECHNOLOGY

5 YEARS

WARRANTY



Technical Specification

| | |
|---------------------------|--|
| Needle | : 15 needles (colors) |
| Embroidery area | : 400*500mm |
| Max speed | : 1000/1200 stitches per minute. |
| Embroidery Control system | : Dahao A15 customized closed-loop type |
| Multi function type | : cap/flat/t-shirt/shoes/belt/jeans/leather/felt/gauze /velvet/thick wool/metallic/rayon/silk/cotton... quality & diversification embroidery |
| Patent Technology | : New AI head embroidery technology (special) |
| Creative technology | : XY all servo motors with special ratio setting for more accurate and pretty embroidery |
| Cap embroidery advantages | : 1) Y side embroidery area reach to 100mm. 2) cap embroidery speed reach to 1000 spm. |



We are moving towards technology, quality modernization



Embroidery Needle

different size of needles for different embroidery



1. Nm 65/9 size needle

Needle position: Nm 1

Thread type : 75D/2

Thread material: polyester/rayon/metallic

Application : small letter or logo embroidery designs



2. Nm 75/11 size needle

Needle position: Nm 2 to Nm 12

Thread type : 120D/2

Thread material: polyester/rayon

Application : normal embroidery designs



3. Nm 90/14 size needle

Needle position: Nm 13 to Nm 14

Thread material: velvet (special)

Application : special embroidery designs



4. Nm 100/16 size needle

Needle position: Nm 15

Thread material: wool (special)

Application : special embroidery designs

Embroidery Thread

different material of thread for different embroidery



1. 100% polyester thread

Needle position: Nm 1 to Nm 12

Needle size : Nm 55/7, Nm 65/9, Nm 75/11

Thread size : 50D/2, 75D/2, 120D/2

Thread material: polyester/rayon



2. metallic embroidery thread

Needle position: Nm 1

Needle size : Nm 65/9

Thread size : normal

Thread material: metallic



3. velvet embroidery thread

Needle position: Nm 13 to Nm 14

Needle size : Nm 90/14

Thread size : thick

Thread material: velvet



4. wool embroidery thread

Needle position: Nm 15

Needle size : Nm 100/16

Thread size : thick

Thread material: wool

Basic Testing

Type distinction of designs testing

1. design- Trimming testing

Test Standard

Needle plate: FLAT Nm 7/9/11

Needle size : Nm 75/11

Thread type : 120D/2 polyester

Working speed: 1000 SPM



1000 SPM speed factory testing standard:
Trimming stable and uniform, trimming length
of all needle is 7cm



2. design- Stability testing

Test Standard

Needle plate: FLAT Nm 7/9/11

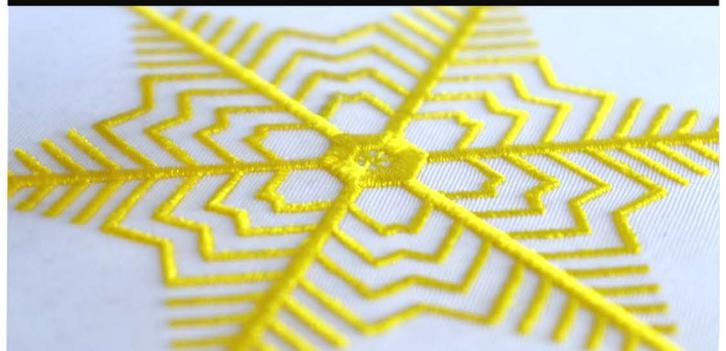
Needle size : Nm 75/11

Thread type : 120D/2 polyester

Working speed: 1000 SPM



1000 SPM speed factory testing standard:
Working stable, breakage rate of 30W stitches
is zero



Basic Testing

Type distinction of designs testing

3. design- Tension testing

Test Standard

Needle plate: FLAT Nm 7/9/11
Needle size : Nm 75/11
Thread type : 120D/2 polyester
Working speed: 1000 SPM



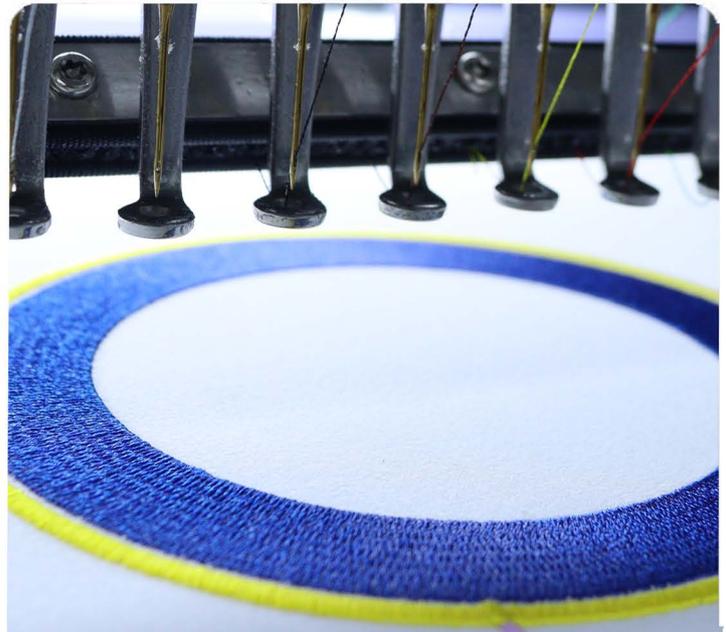
1000 SPM speed factory testing standard:
confirm each needle's tension on same level



4. design- Satin/Tatami Stitches testing

Test Standard

Needle plate: FLAT Nm 7/9/11
Needle size : Nm 75/11
Thread type : 120D/2 polyester
Working speed: 1000 SPM



1000 SPM speed factory testing standard:
confirm the transmission ratio of X-Y drive is
correct



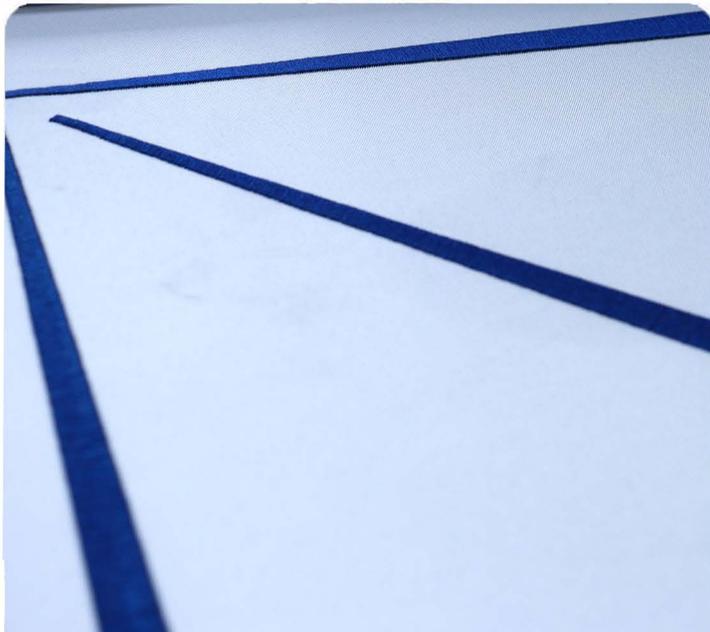
Basic Testing

Type distinction of designs testing

5. design- Jumping precision testing

Test Standard

Needle plate: FLAT Nm 7/9/11
Needle size : Nm 75/11
Thread type : 120D/2 polyester
Working speed: 1000 SPM



1000 SPM speed factory testing standard:
confirm different stitch length working
normally



6. design- Circular precision testing

Test Standard

Needle plate: FLAT Nm 7/9/11
Needle size : Nm 75/11
Thread type : 120D/2 polyester
Working speed: 1000 SPM



1000 SPM speed factory testing standard:
confirm different sizes circular embroidery
normal



Design Testing

Type distinction of designs testing



1. normal design testing

Test Standard

Needle plate: FLAT Nm 7/9/11

Needle size : Nm 75/11

Thread type : 120D/2 polyester

Needle choice: Nm 2 to Nm 12

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, and
edge embroidery 100% no problem



Design Testing

Type distinction of designs testing



2. normal design testing

Test Standard

Needle plate: FLAT Nm 7/9/11

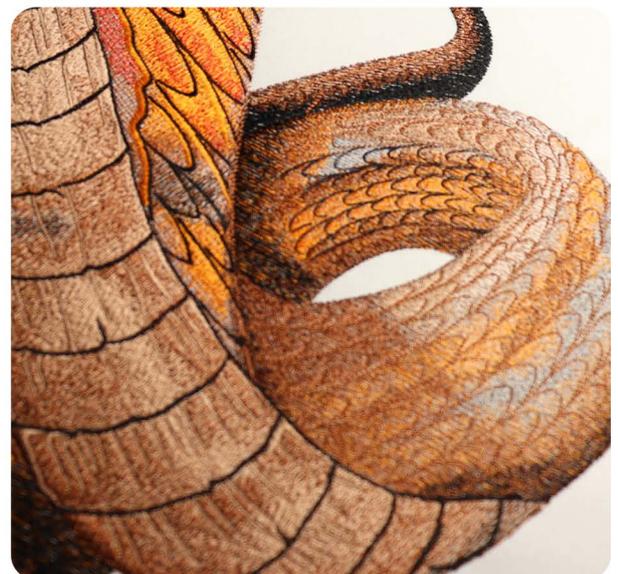
Needle size : Nm 75/11

Thread type : 120D/2 polyester

Needle choice: Nm 2 to Nm 12

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, embroidery lifelike, and thread breakage rate is small



Design Testing

Type distinction of designs testing



3. normal design testing

Test Standard

Needle plate: FLAT Nm 7/9/11

Needle size : Nm 75/11

Thread type : 120D/2 polyester

Needle choice: Nm 2 to Nm 12

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, embroidery lifelike and bright-coloured



Design Testing

Type distinction of designs testing



4. applique testing

Test Standard

Needle plate: FLAT Nm 7/9/11

Needle size : Nm 75/11

Thread type : 120D/2 polyester

Needle choice: Nm 2 to Nm 12

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, embroidery lifelike and bright-coloured



Design Testing

Type distinction of designs testing



5. small letter/logo design testing

Test Standard

Needle plate: FLAT Nm 7/9/11

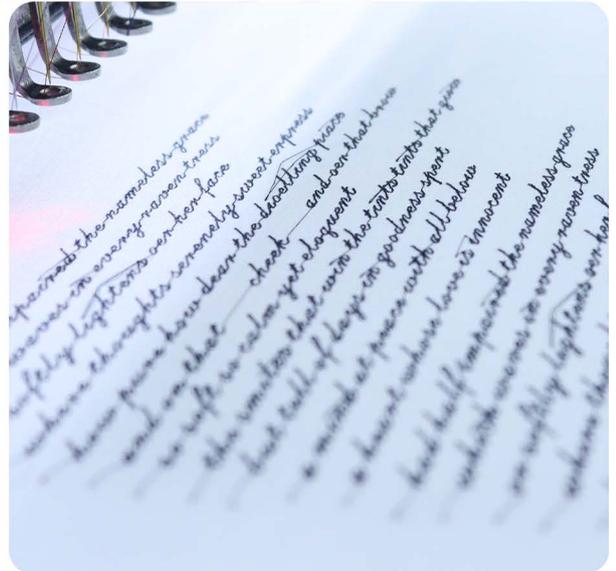
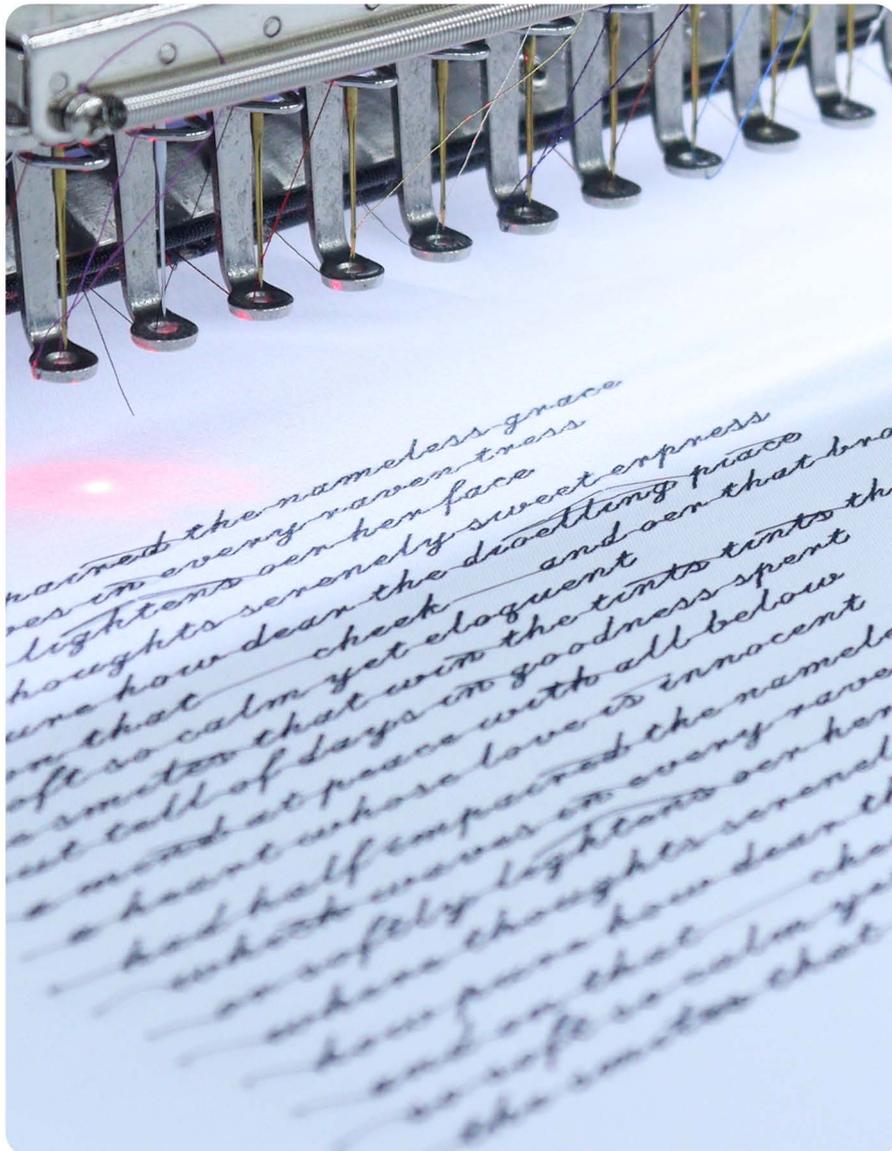
Needle size : Nm 55/7

Thread type : 50D/2 polyester

Needle choice: Nm 1

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, embroidery clear, neat and high-end



Design Testing

Type distinction of designs testing



6. 3D cap testing

Test Standard

Needle plate: FLAT Nm 7/9/11

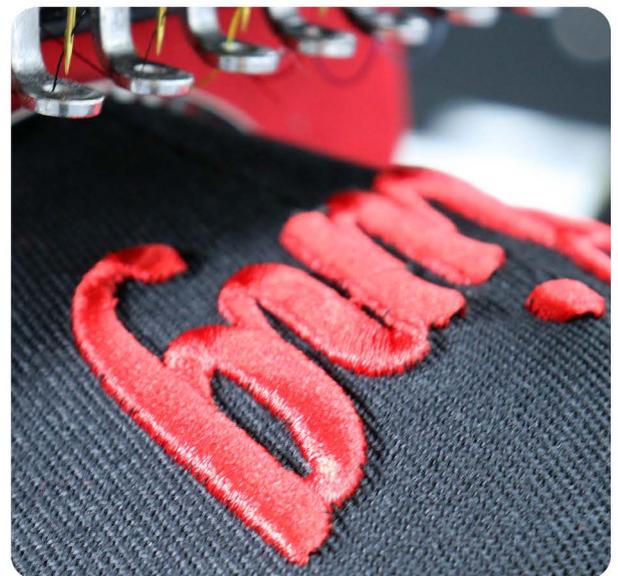
Needle size : Nm 75/11

Thread type : 120D/2 polyester

Needle choice: Nm 2 to Nm 12

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, HOLiAUMA,
famous for cap embroidery



Design Testing

Type distinction of designs testing



7. 3D cap testing

Test Standard

Needle plate: FLAT Nm 7/9/11

Needle size : Nm 75/11

Thread type : 120D/2 polyester

Needle choice: Nm 2 to Nm 12

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, HOLIAUMA,
famous for cap embroidery



Design Testing

Type distinction of designs testing



8. normal cap testing

Test Standard

Needle plate: FLAT Nm 7/9/11

Needle size : Nm 75/11

Thread type : 120D/2 polyester

Needle choice: Nm 2 to Nm 12

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, HOLIAUMA,
famous for cap embroidery



Special Thread Testing

Type distinction of designs testing



1. metallic design testing

Test Standard

Needle plate: FLAT Nm 7/9/11

Needle size : Nm 65/9

Thread type : metallic

Needle choice: Nm 1 to Nm 12

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, and suggest using thread oil to reduce the thread breakage rate



Special Thread Testing

Type distinction of designs testing



2. velvet design testing

Test Standard

Needle plate: FLAT Nm 14/16

Needle size : Nm 90/14

Thread type : thick velvet

Needle choice: Nm 13 to Nm 14

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, leader of special embroidery



Special Thread Testing

Type distinction of designs testing



3. velvet design testing

Test Standard

Needle plate: FLAT Nm 14/16

Needle size : Nm 90/14

Thread type : thick velvet

Needle choice: Nm 13 to Nm 14

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, leader of special embroidery



Special Thread Testing

Type distinction of designs testing



4. wool design testing

Test Standard

Needle plate: FLAT Nm 14/16

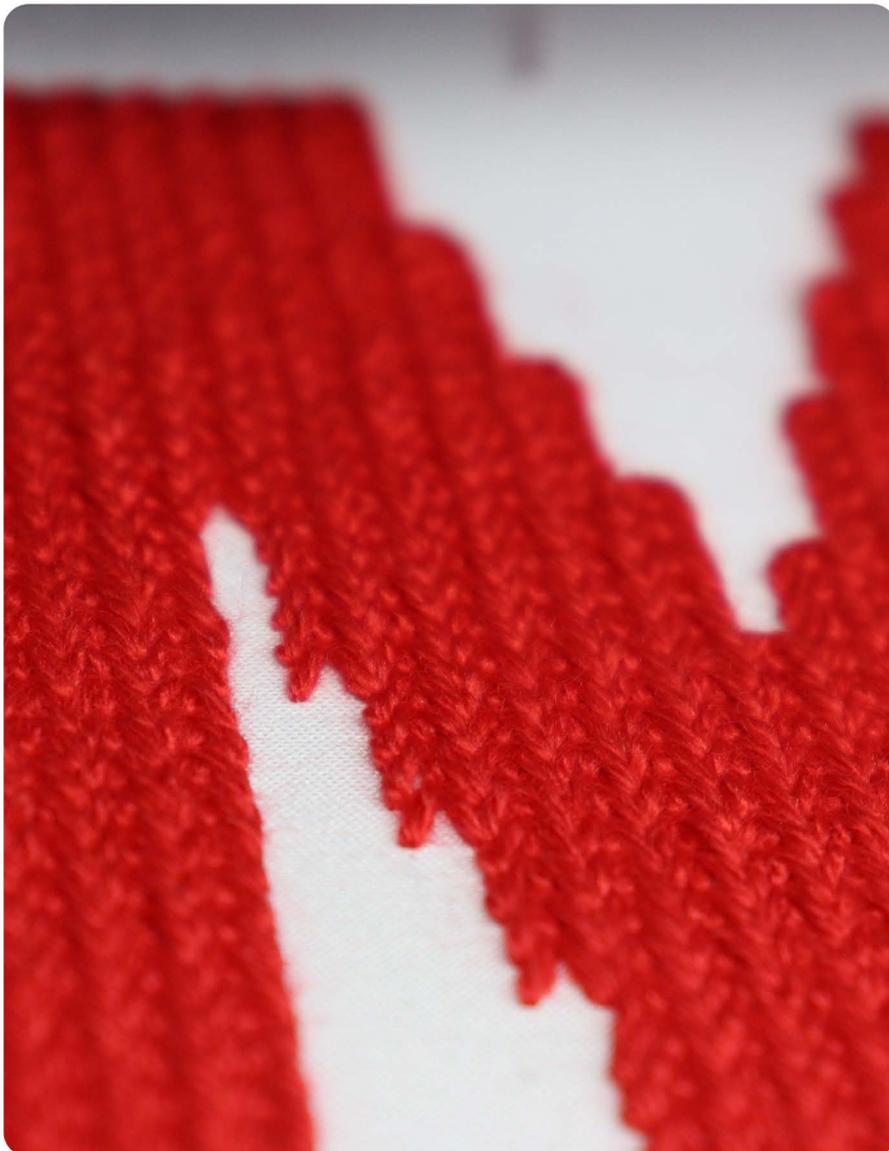
Needle size : Nm 100/16

Thread type : wool

Needle choice: Nm 15

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, leader of special embroidery



Special Thread Testing

Type distinction of designs testing



5. wool design testing

Test Standard

Needle plate: FLAT Nm 14/16

Needle size : Nm 100/16

Thread type : wool

Needle choice: Nm 15

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, leader of special embroidery



Special Thread Testing

Type distinction of designs testing



6. wool design testing

Test Standard

Needle plate: FLAT Nm 14/16

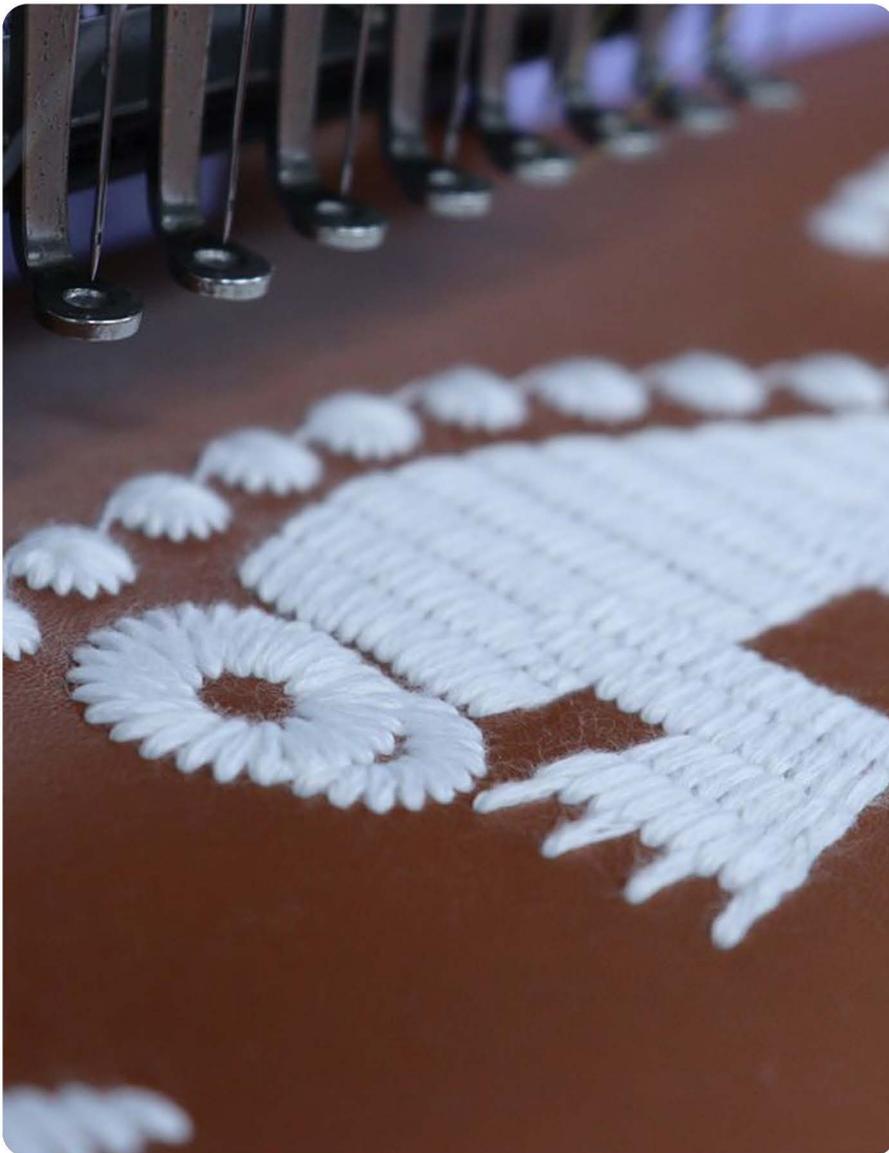
Needle size : Nm 100/16

Thread type : wool

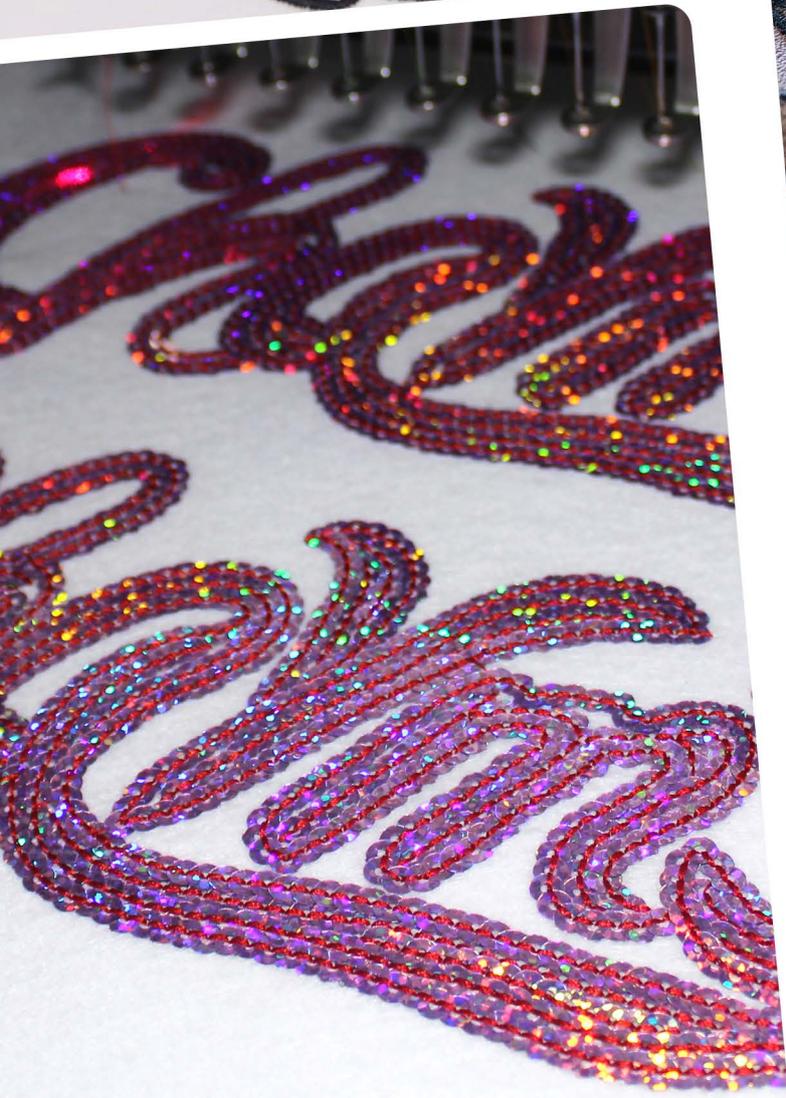
Needle choice: Nm 15

1000 SPM speed factory testing standard:

Embroidery exquisite and perfect, leader of special embroidery









CHINA · USA · MEXICO

佛山市红烈机械有限公司
广东省小墨山机械制造有限公司

(第一版)