# HCR SERIES

## Computerized Embroidery Machine
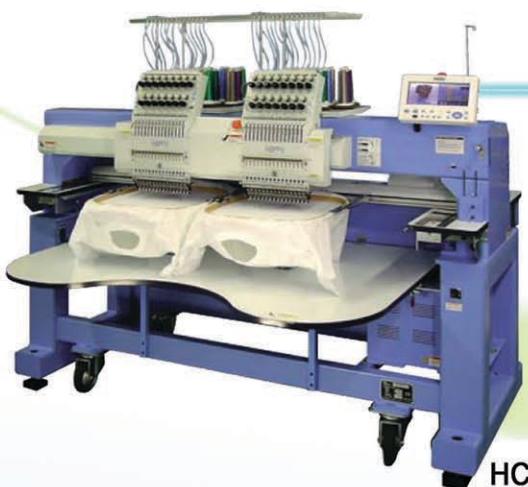
HAPPY

MODEL: HCR-1506-45

HAPPY Industrial Corporation

JAPAN

# HCR SERIES

## MADE IN JAPAN
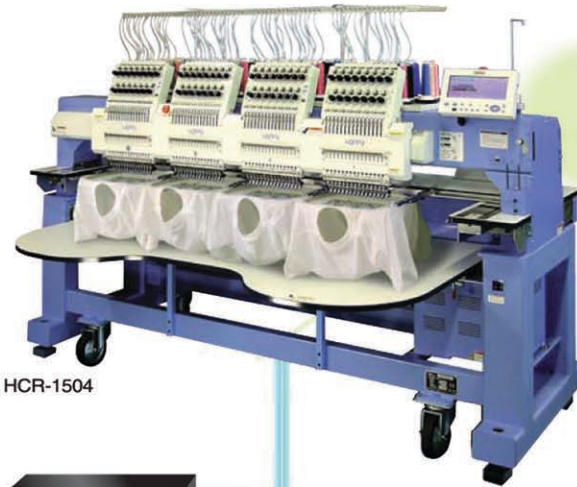
HCR-1504

HCR-1502

HUB

**Happy LAN Monitoring Window**

HCS

3 FLOWER4 14808

HCS-C

Log-in                    3/24/13:48

1 / 6
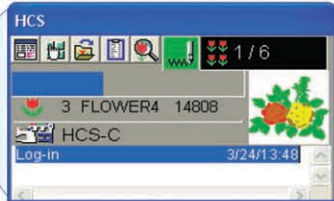
## Media Compatibility

**Storage Media**
- Compact Flash
- SD Card
- Memory Stick
- Smart Media
- USB (Jump) Drive
- (Optional) Floppy Disk drive

**PC Connection Ports**
- Ethernet (LAN) Port
- USB Port
- Serial Port

## Design Trace

HCR makes spotting and fitting desi
into hoops easy with these key featu

**Optional Laser Marker**
- Displays sew point on the garment for accurate trace
- Spot actual sewing location on garment with confidence

## HAPPY HCR Machines are Office-Friendly

While HAPPY HCR Multi-head machines are built for big production and high durability, they're were also designed to be easy to work with:
- New color control panel with built-in help makes the machine easy to learn, and simplifies operations and maintenance
- Quieter, smoother operation - the quietest HAPPY multi-head line ever
- Compact design allows even the largest model HCR to be wheeled easily through a standard 3' door. More flexibility for your shop!

## Narrow Cylinder Arm

## FREE communication software included!

**HAPPYLINK:** Design transfer/ management software for direct connection to PC via USB or serial.

**HAPPYLAN:** Allows you to control a network of HAPPY machines (of mixed types) at the same time

HCR-1506

HCD-1501

## Memory Capacity

Built-in memory capacity of 2,000,000 stitches or up to 250 multi-color designs and their custom settings

igns
ures:

- Frame
- Embroidery area
- Outline of design

HAPPY

No. 63 Round 180

Move to
Pattern start point

### Frame Selection Menu
- Choose a hoop on-screen
- Accurately check/adjust design fit and position in the selected hoop
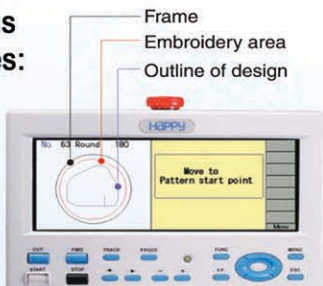
## New Thread Control System

The thread break sensor and the thread tension control unit are combined, improving upper thread feed and tension control.

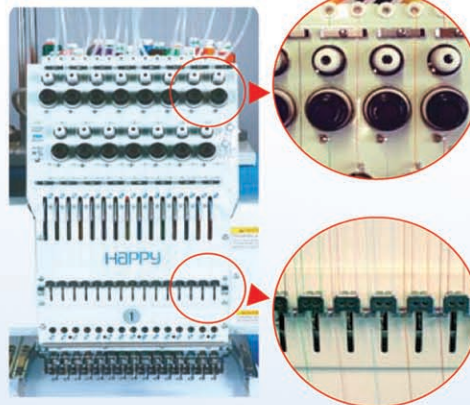Independent take-up springs improve overall sewing quality

Control panel settings allow the machine to better handle different types of thread sewing together on the same design i.e. metallic + polyester, or other combinations.

Reduced diameter of cylinder arm improves the ability to embroider on traditionally tight areas such as pockets, sleeves, pant legs, children's wear and more.
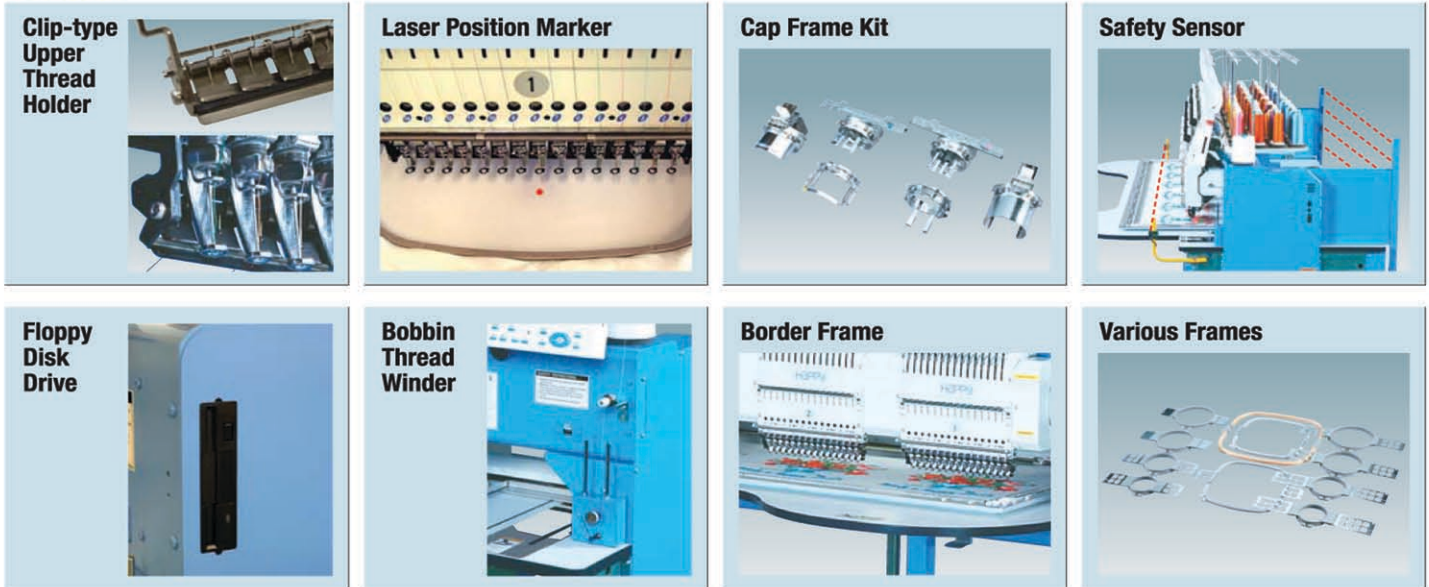
## Standard Features & Functions

- On-Board Help Feature
- WIDE (9inch) Color LCD Monitor
- HAPPY LINK Software
- HAPPY LAN Software (networking)
- Automatic Color Change
- Compatible with Many Types of Storage Media

- Make Design Adjustments On-The-Spot: flip/rotate, auto-repeat, fine-scaling, offset from center, and more
- Improve sewing quality of existing designs with design cleanup/compensation tools
- Improved production power: higher speed operation, fast color change

# Options

**Clip-type Upper Thread Holder**

**Laser Position Marker**

**Cap Frame Kit**

**Safety Sensor**

**Floppy Disk Drive**

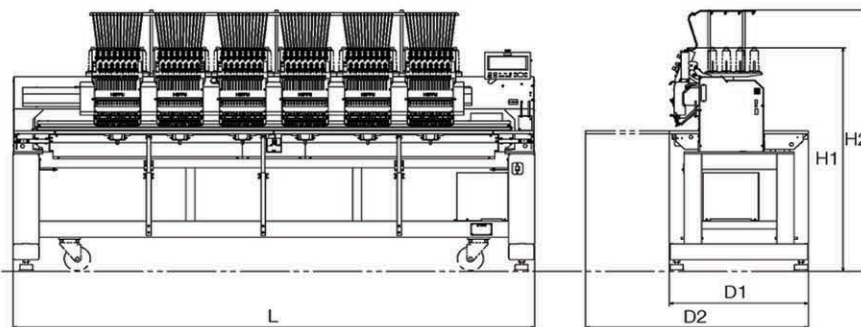**Bobbin Thread Winder**

**Border Frame**

**Various Frames**

## HCR Series Specifications

| Model | Head | Needles | Needle Distance (mm) | Embroidery Area per Head (DxW : mm) | | | | Maximum Speed (r.p.m.) | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Normal | Tubular Frame | Wide Cap Frame | Low-profile Cap Frame | Normal Tubular | Cap |
| HCR-1502 | 2 | | 500 | 450x500 | 440x420 | | | 1,100 | 850 |
| HCR-1504 | 4 | | 360 | 450x360 | 320x320 | | | | |
| HCR-X1504 | 4 | 15 | 500 | 450x500 | 440x420 | 80x350 | 70x180 | 1,000 | 800 |
| HCR-1506 | 6 | | 360 | 450x360 | 320x320 | | | | |
| HCR-X1506 | 6 | | 500 | 450x500 | 440x420 | | | | 750 |
| HCR-1508 | 8 | | 360 | 450x360 | 320x320 | | | | |

| Model | Stitch Length (mm) | Memory | Power Supply | Power Consumption | Frequency | Weight (kg) Net/Gross | Dimentions (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | L | D1 | D2 | H1 | H2 |
| HCR-1502 | | | | 0.7kw | | 610/800 | 1,890 | | | | |
| HCR-1504 | | 2,000,000 stitches | | 0.8kw | | 640/830 | 2,280 | | | | |
| HCR-X1504 | 0.1~12.7 | | Single Phase 200~240V | | 50/60Hz | 890/1,140 | 3,000 | 800 | 1,285 | 1,340 | 1,580 |
| HCR-1506 | | 250 patterns | | 1.0kw | | 930/1,200 | | | | | |
| HCR-X1506 | | | | | | 960/1,300 | 3,980 | | | | |
| HCR-1508 | | | | 1.2kw | | 1,030/1,350 | | | | | |

• Effective embroidery area and maximum speed may vary depending on frame type and size set on machine, design and setting of machine.
• Specifications subject to change without prior notice.

*For more Information, Contact*

**TEXMAC**

*Your One-Stop Shop for All Your Embroidery Needs!*

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