

# EMT16 **plus**

The Latest Evolution of Embroidery Technology by Melco



## High Speed Modular Embroidery System

### At a Glance:

**Increased Processing Power:** More power means enhanced overall performance.

**Reliability:** EMT16 PLUS is built on a solid foundation of Melco technology that was first released in 2005!

**Flex Multi-Head Production:** Scalable multi-head performance that leaves standard multi-head machines in the dust. Up to 50% more productive!

**Up to 75% More Efficient:** Progressive speed changes combined with pantograph and needle case refinements make EMT16 PLUS more efficient than previous Melco models.

**Up to 30% More Stitches Per Bobbin:** Fewer bobbin changes means reduced downtime per machine, resulting in greater production efficiency.

**Outstanding Stitch Quality:** Embroidery has never looked better on popular products like stretchy performance wear or dri-fit shirts, hats and more.

**Large Storage Capacity:** EMT16 PLUS is capable of loading the largest embroidery designs.

Customers demand quality embroidery on a variety of products. EMT16 PLUS will meet that demand.

And, this high tech, modular system is scalable, so it will grow with your business.

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Melco continues to build on the flexible, modular EMT16 platform—introducing EMT16 PLUS, the latest evolution of Melco embroidery technology.

**What to expect from EMT16 PLUS:** Increased processing power leads to outstanding stitch quality, enhanced operational efficiency, the ability to load embroidery designs with high stitch counts, and overall performance that will make a positive contribution to the profitability of any embroidery business.

**Flexible Multi-Head Production:** The most efficient multi-head production on the market! Many embroidery production operators report that four EMT16 PLUS machines can outproduce competitor six head machines.

**Reliability:** You can count on EMT16 PLUS to deliver quality embroidery on a consistent basis, across the widest variety of products.

Recent testing on Melco EMT16 PLUS shows this machine to be the most reliable of any machine produced by Melco in the past 10 years.\*\*

\*\*This claim is based on multiple lab-test machines sewing multiple designs of varying stitch count. Testing took place over a period of 18 months. This is the most extensive testing ever conducted on Melco machines. Testing was done on a variety of materials and products, including 3D foam puff, hats, t-shirts, and broadcloth. Thread types used: Polyneon, Rayon, Metallic, Burmilana, and Firefighter thread. All testing done using MOS v11.06 and MOS v11.07.

EMT16 PLUS will embroider multiple thread types, including: Polyneon, Rayon, Metallic, Burmilana, Firefighter. EMT16 PLUS will automatically adjust settings, to embroider all these thread types, no manual adjustment needed.

**Efficient Machine Operation:** Newly implemented progressive speed change functionality enables a gradual shift in sew speed, as opposed to an abrupt change from one speed to another. This creates smooth machine operation, reduced noise levels, and greater bobbin tension control. For embroidery machine operators, this means fewer thread breaks, fewer needle breaks, and higher quality stitching.

**Precise Bobbin Control:** Thanks to improved monitoring of the Melco Actifeed™ system the EMT16 PLUS is able to get up to 30% more stitches per bobbin than previous Melco machines. Fewer bobbin changes means reduced downtime per machine, resulting in greater production efficiency.

Greater precision with bobbin control also enables the highest quality embroidery. Small text and pattern fills look sharp and crisp, the look of your embroidery with EMT16 PLUS is sure to impress your most discerning customers. This also allows for a slightly looser bobbin tension and higher actifeed to be ran which leads to less puckering on the fabric. This can lead to a better looking sewout on fabrics like performance wear and stretch type materials.

**Large Storage Capacity:** EMT16 PLUS is capable of loading the largest embroidery designs, up to 300,000 stitches!



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