

December 3rd, 2012

**Semi-Dry Head, Overlock  
with 7,000 sti/min to achieve high productivity  
Launching Semi-Dry Head, High Speed Overlock/Safety Stitch Machine  
“MO-6700DA Series”**



JUKI will release “Semi-Dry Head, High Speed Overlock/Safety Stitch Machine MO-6700DA Series” of which the sewing speed is about 17% higher (than our conventional models), thereby achieving a sewing speed of 7,000 sti/min, from December in overseas markets, and from January next year in Japan.

An overlock machine sews over the edges of the fabrics with neatly trimming the edges to prevent them from being frayed. A safety stitch machine adds the function of sewing up two materials together to the overlock function. The shape of the seams becomes such like knitted stitches (chain-stiches), thereby much applied to elastic knitted fabrics (underwear, T-shirts and Cutsews).

The machine is a fully upgraded model of the semi-dry head machine MO-6700D series which removes oil stain troubles on the sewing products. The principal parts of driving mechanism succeed the dry head technologies which require no lubrication on the needle bar and upper looper mechanism in addition to the special surface treatment and grease feeding, thereby there are no oil stain troubles while sewing the products. The newly added grease filler openings improve the maintainability. What is more, due to the improvement of the shapes of needle drive components, etc., the sewing speed is improved by about 17%. (The maximum sewing speed: from 6,000sti/min to 7,000sti/min)

With the machine which removes oil stain troubles on the sewing products as well as creating right tension on threads and the seam quality providing soft and smooth texture, we will expand the sales especially to garment manufacturers sewing knitwear.

## ◆Features

### ●Oil stains on the sewing product are eliminated.

- Oil splashes are substantially reduced to eliminate oil stains on sewing products, thereby upgrading the finished quality.
- The frequency of stain removal or re-sewing is reduced.

### ●Cutting--edge dry technology for achieving a lubrication--free mechanism.

- The needle bar mechanism and upper looper mechanism have been re-designed to require no lubrication.
- The most-advanced dry technologies, such as the special surface treatment applied to the major drive unit and the grease feeding method, contribute to higher durability. The machine does not splash oil after a long-period of use. The grease filler openings are newly provided for the sewing machine on two locations, i.e., one on the upper looper component and the other on the sewing machine frame, thereby improving maintainability.

### ●Increased productivity

- The machine achieves a practical maximum sewing speed of 7,000sti/min.  
\* "sti/min" stands for "Stitches per Minute."

### ●Quality improvement

- "The Puckering Prevention" which bears most ideal adjustment and equipment to prevent puckering problems occurring on materials difficult to sew and newly developed materials is also added to the lineups.  
\* Puckering is one of the failures of sewing which causes material shrinkage by stitches.

### ●Improve Maintainability

- The grease filler openings are newly provided for the sewing machine on two locations, i.e., one on the upper looper component and the other on the sewing machine frame, thereby improving maintainability.