

New

W1562N - Series

W1562N, the renewal machine of W1500 is introduced



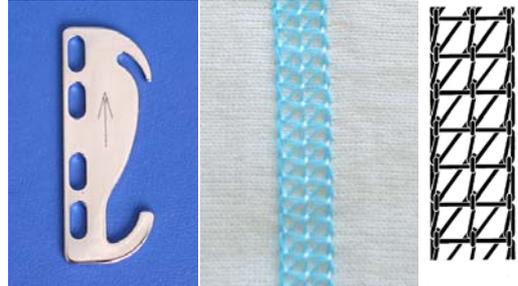
This further developed economical - high - speed machine is capable of a speed of up to **6000** rpm and ensures high productivity. W1562N - series offers basically almost the same features like W1562 - series with additional and **outstanding new technical points:**

- ❖ A tight seam and a soft seam are achieved by one machine, by only changing the cam installation direction (upper and lower) and the appearance and elasticity of the stitch changes.

Tight stitch

NEW

W1562N-○○○x□□□ □S – type, standard factory set up position



Tight seam

Tight stitch such as a W500, W600- Series

>>> Mainly the thread tightening is applied when the needle is in the top position

Soft Stitch

W1562N-○○○x□□□ □T – type, standard factory set up position



Soft seam

Soft stitch such as a W1500 Series

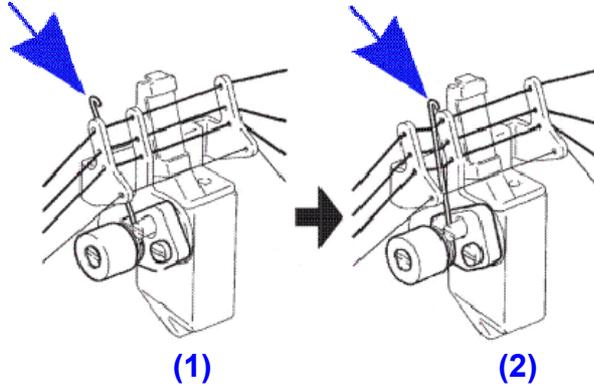
>>>Mainly the thread tightening is applied when the needle is in the low position

- ❖ The adjustment to the sewing condition is possible.

It is possible to correspond to a wide sewing condition by adopting the needle thread spring.

When it is necessary to make the needle thread loop small as required

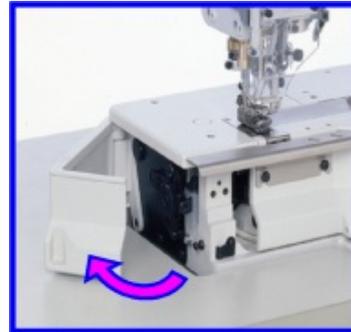
by cotton thread etc., it is possible to adjust easily. **NEW**



(1) The needle thread spring is set not to work (factory set up).

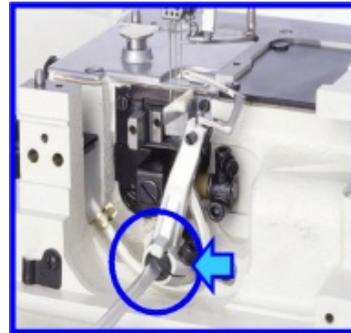
(2) The slackness of the needle thread is absorbed by working needle thread take-up spring, and the needle thread loop will become small (cotton thread used).

2, Movable side cover **NEW**



Side cover opens and closes for adjustment of the differential lever

3, Micro adjustment of looper **NEW**



The looper front-to rear adjustment is by micro adjustment

❖ Improved ease of operation & maintenance

1, Hand wheel on upper shaft **NEW**



Hand wheel is fully enclosed like on W2600, avoiding any winding of threads round the shaft

Adapter for the needle positioner is on bottom shaft

4, Colour coded thread guides **NEW**



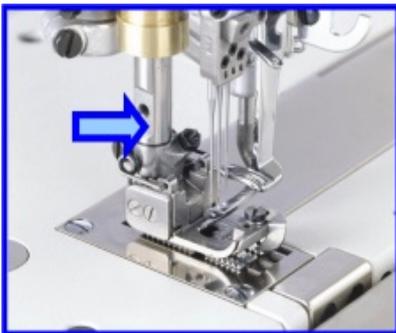
By marking the thread guides with a colour code, each thread has it's own colour, to prevent wrong threading by the operator.

5, Changed thread guide **NEW**



The thread guide was changed to avoid any entangling of threads and to avoid threads getting caught by the hand wheel.

6, Presser foot tilt **NEW**



New presser foot with adjustment screw for the presser foot tilt to achieve better climbing function.

W1562N - Common Specifications

- Subclasses:** -01 (Multi use for -03, -08)
-02 binding and -05 lace attaching
- Max. speed:** 6,000 rpm * The maximum speed is different depending on the subclass and the sewing condition (with FT0B ~ 5500 rpm)
- Pressure foot lift:** 6.3 mm (-01 / -02) · 5.3 mm (-05)
- Number of Needles and Needle distance:**
2-needle (3.2 mm/ 4 mm/ 4.8 mm *)
3-needle (5.6 mm / 6.4 mm)
- Standard needle:** UY128GAS
- Presser foot:** Tilt type pressure foot which sews smoothly over the cross seam is adopted. * Only for -01 type
- Feed type:** Differential bottom feed
- Stitch length:** 1.2 ~ 4.4 mm
- Differential ratio:** 1 : 0.5 ~ 1 : 1.3
- Standard stitch length:** 11 ~ 14 stitches / inch (BS, BT needle plate)
Less than 10 stitches / inch (CT needle plate)
- Stitch length adjustment:** Push button type
- Diff. feed amount adjustment:** Intermittent type (without microadjust)
- Adjustment of looper front rear:** With micro adjustment screw
- Devices :** Thread Cutter UT / Fabric Trimmer FT /Metering Device MD / Tape Cutter TK

PEGASUS EUROPA GMBH