

Interlock stitch machines

W600 Series



Max. Speed: 6000 rpm

Stitch length adjustment: Dial

Diff. feed ratio adjustment: Lever

Subclass

Fabric thickness	Subclasses	Number of needles	Number of threads	Needle space	Seam width
~	W664-01	2, 3	3-5	3.2, 4.0, 4.8, 5.6, 6.4mm	—
~	W664-02	2, 3	3-5	3.2, 4.0, 4.8mm	—
~	W664-03	2, 3	3-5	3.2, 4.0, 4.8, 5.6, 6.4mm	—
~	W664-05	2, 3	3-5	3.2, 4.0, 4.8, 5.6, 6.4mm	—
~	W664-08	2, 3	3-5	4.0, 4.8, 5.6, 6.4mm	—
~	W664-30	2, 3	3-5	4, 4.8, 5.6, 6.4mm	—
~	W664-32	2, 3	3-5	5.6, 6.4mm	—
~	W664-33	2, 3	3-5	5.6, 6.4mm	—
~	W664-34	2, 3	3-5	4, 4.8, 5.6, 6.4mm	—
~	W664-35	2, 3	3-5	4, 4.8, 5.6, 6.4mm	—
~	W664-51	4	6	6.0mm	—
~	W664-71	3	4, 5	5.6, 6.4mm	—
~	W664-81	2, 3	3-5	4.0, 4.8, 5.6, 6.4mm	—

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W600 Series

Point 1 Full line of subclasses

Thanks to this feature, Pegasus' W600 Series sew various kinds of materials from light and difficult-to-sew fabrics for underwear to heavy weight ones for outerwear with designs.

Point 2 Equipped with a cylinder bed

A circumference of 270mm to sew tubular goods, such as neck and/or sleeve openings of children's wear.



Point 3 All subclasses equipped with upper and lower Needle/Thread cooler devices (HR)

Heat is generated on the needle due to friction when the needle penetrates the fabric at high speeds. This causes thread breakage and/or stitch skipping. This series is equipped with HR device that always prevents heat generation on the point of the needle, allowing the thread to move smoothly and producing the stitches uniformly.



Point 4 Forms ideal needle thread loops

Timing at which the needle threads are supplied can be adjusted in accordance with the needle bar motion, so ideal needle thread loops are formed according to the characteristics of the thread to be used.

Point 5 Equipped with movable needle guard that prevents stitch skipping

This needle guard accurately holds the needles at the moment the lower looper enters the needle thread loops, preventing stitch skipping. Prevents the needle and the looper from being damaged. In addition, timing at which the needle guard receives the needles can be adjusted according to the thread to be used.



Dial type stitch length adjustment

You can adjust the stitch length easily with one hand while checking the scale.



Covers that are widely opened

The front and side covers are widely opened so that you can easily adjust and clean each part.



Easy-to-thread the looper thread take-up with the looper thread

Pressing the push button at a touch pops out the thread guide bracket for the looper thread take-up. Threading the looper thread take-up is easy.



Differential feed ratio adjustment

The differential feed ratio adjustment lever is located to the right of the machine, so you can easily adjust the differential feed ratio at the operator's stage.

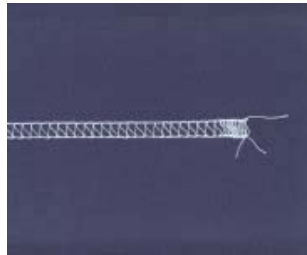


An interlock between the main and differential feed dogs

Thanks to this interlock, if the stitch length is changed, the differential feed ratio will always remain fixed.

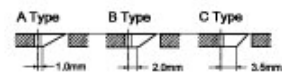
Condensed stitching device

To prevent the seams from unraveling the machine can use this device that produces condensed stitches at the end of sewing.



Three types of needle plate fingers are available

You can select a needle plate from among three types of needle plates that have different shapes of needle plate fingers according to the fabric or stitch length.



The needle thread retainer serves as both movable and fixed types

Changing the position according to the thread to be used can change the needle thread retainer from a movable/fixed to fixed/movable type. Thanks to this feature, the machine forms ideal needle thread loops if you use more flexible threads.

Equipped with an oil filter

This oil filter holds back any dust in the oil, so the clean oil always circulates inside the machine. Replacing the filter can be easily done from the outside.



Force-feed lubrication system

Each part on the machine is always forcibly lubricated using a pump. Oil circulation during sewing can be effortlessly checked from the oil sight window on the arm cover (top). The needle bar and parts around the cylinder bed are forcibly lubricated using a Trochoid pump. Oil level can be easily checked from the oil sight window on the right under the bed.



Labor saving devices

code	Device names	Descriptions
AT	Automatic tape cutter	Automatically cuts the tape or thread chain exactly at preset positions. The cutter knife automatically descends to cut a tape and /or thread chain is sucked up. No scissors are needed, resulting in greater operational efficiency. Since the length of tape
TK	Tape cutter	These devices cut a tape and/or thread chain at the start and end of sewing. The cutter knife is lowered with the switch to cut the tape and/or thread chain. No scissors are needed. Two types of switches are available, finger and knee switches.
HG	Hemming guide	This sliding type hemming guide folds the fabric to form a hem in hemming operations. Thanks to this device, hemming is easy and resulting hem width is uniform, so quality products are obtained. Two types of driving sources are available, pneumatic and electric.
FT	Fabric trimmer	This is a devise that trims the edge of the fabric when interlock stitch machines perform hemming, tape attaching or elastic inserting operations. The edge of the fabric is evenly and neatly finished, so beautifully finished products are achieved.
MD	Elastic feeding device	Feeds out the required amount of elastic according to the machine speed in the elastic attaching operation. Attractive and uniformed finish is obtained.
UT	Thread trimmer	A device for interlock stitch machines to trim threads. Threads are

		easily cuts, by pressing the treadle with the heel. Cuts fast the needle thread, looper thread and top cover thread when the pedal is heeled.
MS	Condensed stitching device	Automatically produces condensed stitches at the end of sewing without stopping the machine. No unraveling occurs. Eliminates the need for bartacking and provides high quality products.
PL	Presser foot lifter	Pressing the treadle with your heel raises the presser foot. This device is easy to use, thus decreasing operator fatigue and increasing productivity.
RP	Rear puller	The roller pulls the fabric from behind the needle drop hole. Thanks to this device, the machine smoothly sews difficult-to-feed fabrics, providing beautifully finished products with no plyshifting.
GF	Automatic elastic/tape feeding device	This device automatically feeds the required amount of elastic or tape just when it is needed. The elastic or tape is sewn neatly and uniformly onto the fabric, so high quality products can be achieved.