

**WX600P**  
series



Quality, Beauty, Productivity  
All-in-One

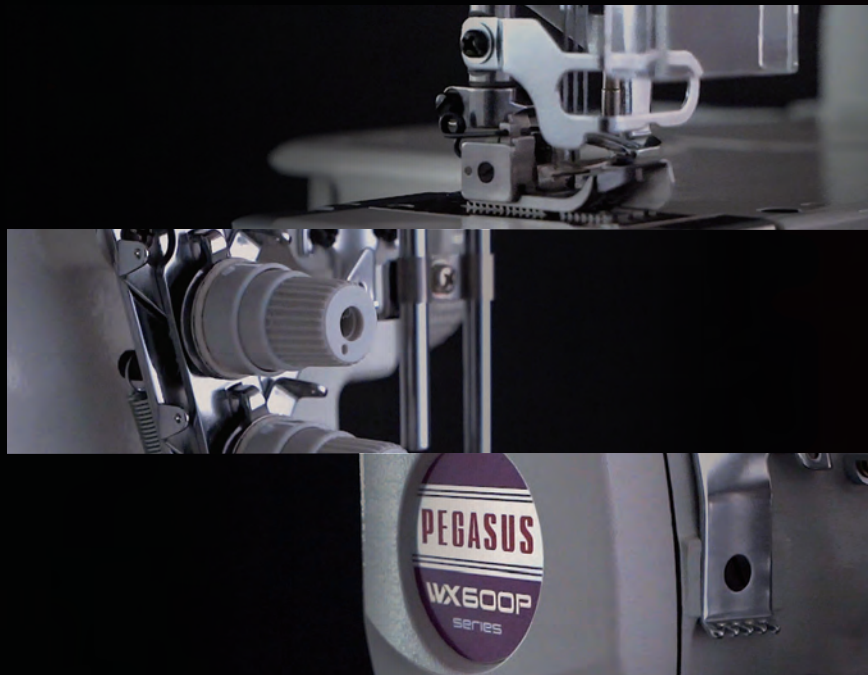


# WX600P series

## Pursuit of user-friendliness down to the smallest detail

Cylinder-bed, interlock stitch machines designed for  
ease of use by sewing professionals.

PEGASUS' top-of-the-range model that creates  
high-quality products.





## WX600P series

Oil barrier type, 2 or 3-needle, cylinder bed, interlock stitch machine

### Common specifications

- |   |  |
|---|--|
| <input type="checkbox"/> Number of needles: 2~3                       | <input type="checkbox"/> Presser foot lift(mm): 6.2          |
| <input type="checkbox"/> Number of threads: 4~5                       | <input type="checkbox"/> Max. sewing speed: 6,000 sti/min    |
| <input type="checkbox"/> Needle space(mm): 2-needle (3.2·4·4.8)       | <input type="checkbox"/> Stitch length adjustment : Dial     |
| 3-needle (5.6·6.4)  | <input type="checkbox"/> Differential feed ratio adjustment: |
| <input type="checkbox"/> Main feed dog's movement amount(mm): 4.5     | Lever that can be adjusted intermittently                    |
| <input type="checkbox"/> Differential feed dog's movement amount(mm): | during sewing  |
| 0.6~1.3   |  |

Note) Details differ according to subclasses.

# 1 Detachable looper thread take-up.

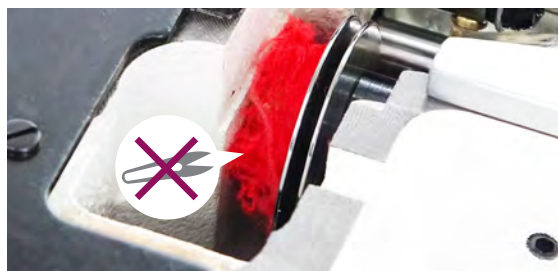
Easy maintenance in case of any unexpected trouble. The installation position is reproducible with no adjustments.

**The detachable type is easy to maintain!**



It can remove the thread without damaging looper thread take-up.

**Trouble with thread wrapping!**



Prevents time loss due to thread wrapping, thereby maintaining production efficiency.

# 2 Easy Feed Adjustment with Interlocking Type

Even if the stitch length is changed, the differential ratio remains constant. The movement ratio of the main and differential feed dogs can be adjusted simultaneously.

# 3 Condensed Stitching Device (MS device)

This device prevents unraveling occurs at the end of sewing. Allows for a customizable number of condensed stitches. (Optional feature)

MS



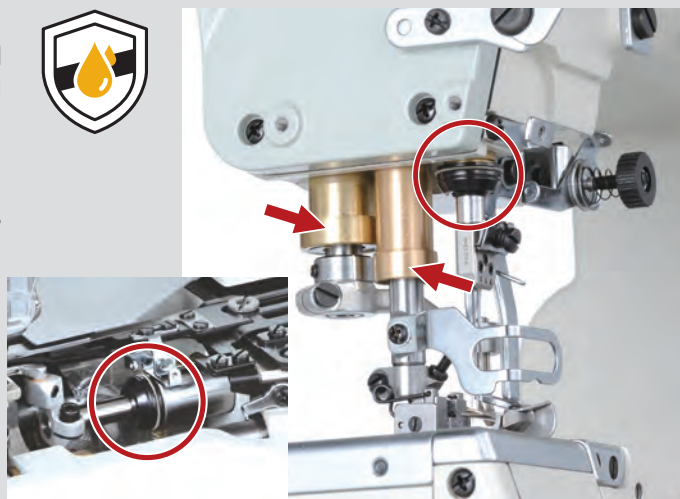
# 4 Adopting a State-of-the-Art "Oil Barrier" Technology

The needle bar and looper shaft include with a newly designed oil seal, preventing oil leakage and oil splashes. The oil seal is very easy to replace and maintain. The "Oil Barrier" feature completely blocks oil leaking from the needle bar and the relevant parts, while the machine is running and even while the machine is stopped. Thanks to this stable lubrication and high "Oil Barrier" effectiveness, protects your valuable sewn products from oil stains.



ECO

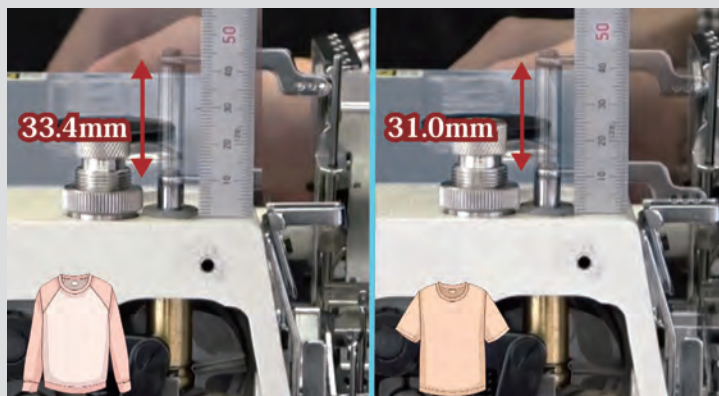
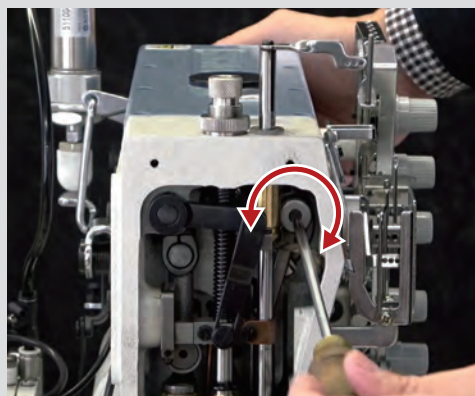
This feature reduces oil stains on sewn products, decreasing the use of stain remover. This reliable sewing machine can create a clean working environment and contribute to global environmental protection.



## 5 Capable of handling a wide variety of sewing items from ultra-light to heavy fabrics.

### Needle bar stroke conversion mechanism

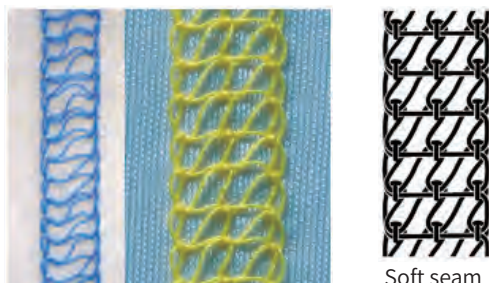
The needle bar stroke can be easily changed with a single screwdriver, and no need to replace parts.



### New needle thread take-up mechanism

Attach the thread path provided and change the threading method. Allows for tight or soft seams: soft seams for highly elastic items like underwear, and tight seams for thicker fabrics like sweatshirts.

#### Soft seam



#### Tight seam



## 6 Retractable Safety Cover

Provides convenience while ensuring operator safety. Reduces time loss and stress from thread problems.



## Multi-use

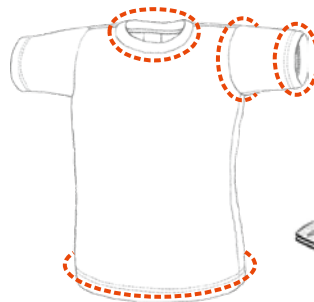
This machine can be used for various applications by attaching different accessories. It is suitable for basic sewing processes on light to medium-heavy fabrics.

### ■ WX664P-01

#### ◆ Basic models of the W600P series

Accessories • Hemming guide  
• Covering guide

Option **UT** **PL** **RP**



## Covering

Covering (flattening) of seams sewn together by overlock machine. The covering process is available in two types: Folding and Flattening.

#### ◆ Subclasses with dedicated gauges and guides are available for covering.

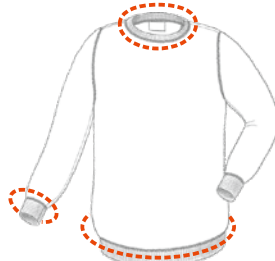
Covering process for light fabrics such as T-shirts, blouses, etc.



### ■ WX664P-03G

Option **UT** **PL**

Covering process for medium-heavy fabrics such as sweatshirts, etc.



### ■ WX664P-03F

#### ■ WX664AHP-03F (Short-bed)

Option **UT** **PL**



### ■ WX664AHP-03F (Short-bed)

The front of the cylinder bed is close to the needle drop making it easier to handle. Also, the left side is short for making it easy to attach and detach the fabric.

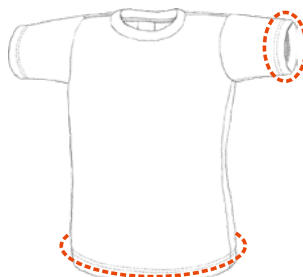
## Hemming

Hemming secures the seam allowance and prevents fabric unraveling. Suitable for light to medium-heavy round fabrics.

- ◆ Sub-class equipped with a dedicated hemming guide.

### ■ WX664P-08

Option



- ◆ Subclasses equipped with dedicated hemming guide and Left-side cutter FT device

### ■ WX664P-35B

Accessories



Option



- ◆ Subclasses equipped with hemming guide, Left-side cutter FT device and HG device

### ■ WX664P-35A

Accessories



Option



- ◆ The fabric trimmer positioned to the left of the needle trims the fabric edge neatly during sewing to produce clean finished products.
- ◆ Equipped with slide type pneumatic hemming guide (HG device) that folds a hem smoothly. This easy-to-use hemming guide is air-operated with the knee switch, reducing operators' fatigue.

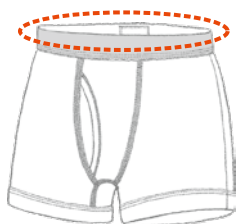


## Elastic attachment

Process for attaching flat elastic to round fabrics such as trunks. Fabric trimmer (FT device) cuts the fabric securely, the seam and fabric edge are kept parallel and the flat elastic is sewn on.

### ■ WX664P-33

- ◆ Subclasses dedicated in attaching round flat elastic, RP device and FT device and a fabric tension roller.



Equipped with RP device and a fabric tension roller, different sizes of fabrics and elastics can be stitched uniformly.



Accessories



Option



## OPTION



### Thread trimmer

The threads can be easily cut by simply stepping backwards on the pedal on a interlock machine. There is no need to cut threads with scissors after sewing completed and greatly improves work efficiency.

#### Top cover thread trimmer

The trimmer simultaneously cuts needle, looper and top cover thread. There is no need for manual trimming. It eliminates the need for manual trimming during the sewing process, significantly increasing productivity.



#### Underbed thread trimmer

This trimmer cuts needle and looper threads.



### Condensed Stitching Device

Thanks to this device, no unraveling occurs because the stitches become automatically finer at the end of sewing. The need for a subsequent anti-unraveling operation is eliminated and quality of sewn product is increased.



### Rear pull

The roller pulls the fabric from behind the needle drop. Thanks to this device, the machine smoothly sews difficult-to-feed fabrics, providing beautifully finished products with no plyshifting.



### Retractable hemming guide

Sliding hemming guide that folds the fabric during the hemming process. The hemming guide makes the hemming operation easy and at the same time stabilises the fabric fold width and improves the quality. The guide also stabilises the folded width of the fabric and improves quality. The driving source can be pneumatic or electric.



### Presser foot lifter

Pressing the treadle with your heel raises the presser foot. This device is easy to use, thus decreasing operator's fatigue and improving productivity.



### Sewn Out Detector

When the sewing machine runs without noticing a thread break, the thread wraps around the lower thread take-up and production efficiency is reduced.

The TW device quickly detects thread breakage and stops the sewing machine, which is useful for preventive maintenance.



### Pneumatic lint collector

This pneumatic device strongly sucks cutting waste and fine dust in the front cover during sewing, providing clean and comfortable working conditions.





## Pneumatic presser foot pressure regulator

Thanks to the air-controlled presser foot pressure, the uniform and minimum possible presser foot pressure is always achieved according to the fabric and fabric weight being used. This feature prevents seam jamming on cross seam sections, damage to the fabric, and shining appearing on the fabric, contributing greatly to the stabilization and increase in quality. In addition, the presser foot pressure can be expressed in numerical form. Therefore, the presser foot pressure that is correct for each fabric can be reproduced easily and immediately.

### Quantify and share your “touch sensation”!

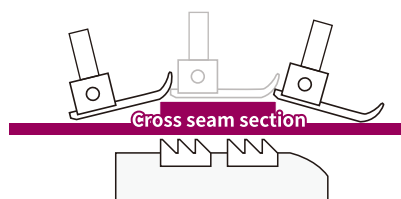
Quantify  
presser foot  
pressure!



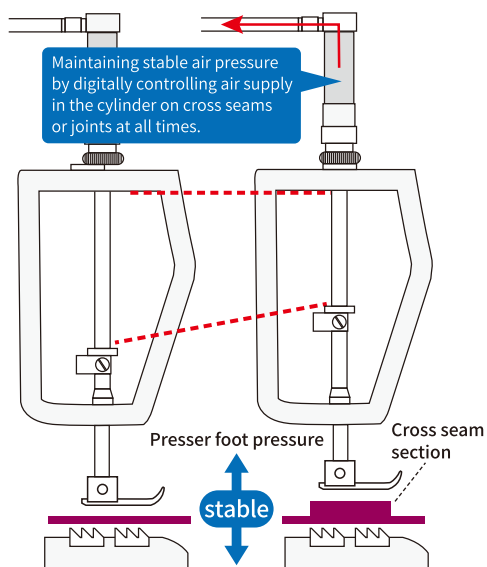
〈Digital type〉



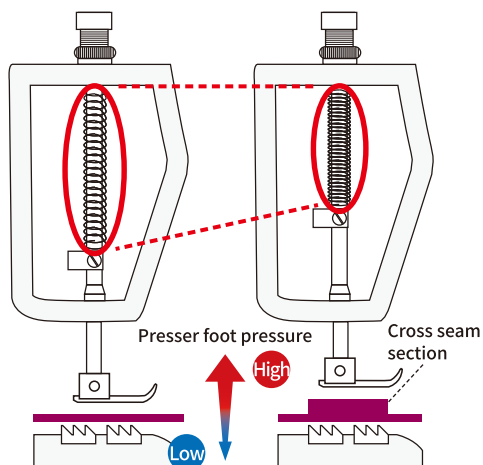
〈Analog type〉



#### With PP device



#### Without PP device



#### Anti-twist



## Display cases / 示例 / 表示例

WX664 <sup>①</sup>A <sup>②</sup>H <sup>③</sup>P - <sup>④</sup>01G <sup>⑤</sup>X <sup>⑥</sup>3 <sup>⑦</sup>56 <sup>⑧</sup>B <sup>⑨</sup>S / UT / D332

### ① Additional / 附属 / 補助

A : Shot bed / 短床 / ショートベッド

### ② Needle stroke / 針伸縮度 / 針ストローク

Blank : Standard stroke (a stroke of 31mm) /  
空白 : 標準伸縮(伸縮度31mm) /  
空白 : スタンダードストローク (ストローク31mm)  
H : High stroke (a stroke of 33.4mm) /  
H : 高速伸縮(伸縮度33.4mm) /  
H : ハイストローク (ストローク33.4mm)

### ③ Subclass / 型号 / サブクラス

### ④ No. of needles / 线数(根) / 針数 (本)

### ⑤ Needle space / 針幅 / 針幅

### ⑥ Type of needle plate finger / 針板爪形状 / 針板爪形状

A : Suitable for the fine stitch length (1.7 mm or less) /  
适用于较细的运针 (1.7 mm 以下) / 細かい運針 (1.7 mm 以下) に適しています  
B : For standard stitch length (1.8 - 2.3 mm) /  
适用于标准运针 (1.8 - 2.3 mm) / 標準運針 (1.8 - 2.3 mm) に適しています  
C : Suitable for the coarse stitch length (2.5 mm or more)  
适用于较粗运针 (2.5 mm 以上) / 粗い運針 (2.5 mm 以上) に適しています

### ⑦ Thickness of needle plate / 针板爪厚 / 针板厚み

S = 2.8mm  
Suitable for medium to heavy weight fabric and forms a tight seam / 坚实的线迹 / タイツな縫い目  
T = 3.3mm  
Suitable for light weight fabric and forms a soft seam / 柔和的线迹 / ソフトな縫い目

### ⑧ Device / 省力装置 / 省力装置

### ⑨ Direct Drive Motor / 直驱电机 /

ダイレクトドライブモーター

## Subclass

seam	Application	Subclass	Number of needles	Number of threads	Needle width	Main feed dog's movement amount (mm)	Differential ratio (mm)	Pressor foot lift (mm)		Max. machine speed (sti/min)		Remarks
								S	H	S	H	
①② ③④ ⑤⑥	Plain seaming	WX664P-01G	2	4	3.2・4・4.8	0.9~4.5	0.6~1.3	5.1	6.2	6000 (5000 with RP)	5500 (5000 with RP)	
			3	5	5.6			5.1	6.2			
					6.4				5.8			
③④	Covering	WX664P-03F	2	4	4・4.8	0.9~4.5	0.6~1.3	5.1	6.2	6000	5500	
			3	5	5.6			5.1	6.2			
					6.4				5.8			
⑦⑧	Covering	WX664AHP-03F	3	5	5.6	0.9~4.5	0.6~1.3	5.1	6.2	6000	5500	
⑤⑥	hemming	WX664P-03G	2	4	4・4.8	0.9~4.5	0.6~1.3	5.1	6.2	6000	5500	
			3	5	5.6			5.1	6.2			
					6.4				5.8			
⑤⑥	hemming	WX664P-08B	2	4	4・4.8	0.9~4.5	0.6~1.3	5.1	6.2	6000 (5000 with RP)	5500 (5000 with RP)	
			3	5	5.6			5.1	6.2			
					6.4				5.8			
⑤⑥	hemming	WX664P-35A	2	4	4・4.8	0.9~3.2	0.6~1.3	5.1	6.2	5000	5000	
			3	5	5.6			5.1	6.2			
					6.4				5.8			
⑤⑥	hemming	WX664P-35B	2	4	4・4.8	0.9~3.2	0.6~1.3	5.1	6.2	5000	5000	
			3	5	5.6			5.1	6.2			
					6.4				5.8			
⑨	Round with flat elastic	WX664P-33A	3	5	5.6	0.9~4.5	0.6~1.3	4.7	5.8	5000	5000	
					6.4			4.7	5.4			

※ If you use the machine with a differential feed ratio of more than 1:1.3, the main feed dog movement amount should be less than 3.2 mm (2.5mm : -35).

※ S and H in the columns of Pressor foot lift denote as follows. S: at a needle bar stroke of 31mm (Standard) H: at a needle bar stroke of 33.4mm (High lift)



## Labour-saving device

○ Option    □ Accessories

Application	Subclass	UT	SL	MS	FT	HG	RP	PL	LC
Plain seaming	WX664P-01G	○	○	○			○	○	
	WX664P-03F	○	○	○				○	
Covering	WX664AHP-03F	○	○	○				○	
	WX664P-03G	○	○	○				○	
hemming	WX664P-08B	○	○	○		○	○	○	
	WX664P-35A	○		○	□	□	○	○	○
	WX664P-35B	○		○	□		○	○	○
Round with flat elastic	WX664P-33A	○		○	□		□	○	○



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-Specifications and appearance are subjected to changes without notice.  
-Read the instruction manual before operating the machine to ensure safe usage.  
-Photos for illustration purpose. They may not represent actual operating conditions and/or displayed optional parts.