News Release

June 04, 2013

【NEW PRODUCT】
Releasing the WPC System on the Market
(Wireless Process Control system)

We would like to express our thanks for your loyal patronage.

PEGASUS SEWING MACHINE MFG. CO., LTD. (Headquarters: Fukushima-ku, Osaka, Japan, President: Moriaki Shimizu) will begin releasing “the WPC (Wireless Process Control) System” on the market ahead of time in Japan from June 20, 2013.

The WPC System monitors the progress situation of each operation in real time in a manufacturing scene, using wireless counter switches. Therefore you can figure out the production delays at once. The main features are as follows.

■ Features of the system

(1) Easy installation

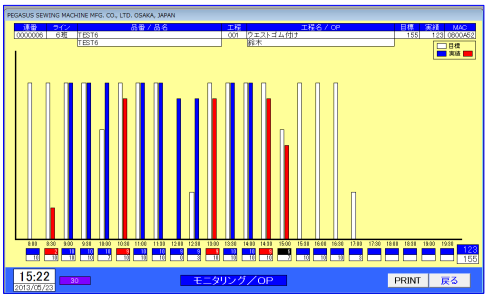
Thanks to the wireless counter switches, there is no need to perform troublesome operations, such as wiring, etc. when the WPC System is installed and/or production lines are changed, so this system is available for various work sites and environment situations, such as sewing factories, etc.

Wireless type counter switch

(2) Control function

・ Control of pitch time

This system reports the interval between the times in which each operator presses the counter switch, and calculates average pitch time for each operation automatically. In addition, this pitch time archival record is accumulated. Therefore each operator’s skill level can be checked easily.



Graphical display of the output control

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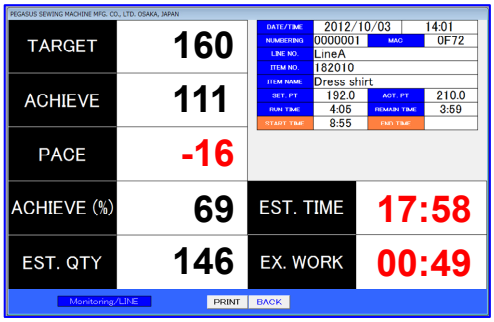
・ Operation process control / Output control

You can check the progress situation of each operator and production line in real time. Even when the production delays occur, you can solve the problems immediately by changing the production plans and/or improving each operation.

(3) Predictive function

・ Output prediction

Output at the closing time can be predicted. Therefore you can control delivery dates according to each production plan.



Monitoring display by each line
(Predictive function)

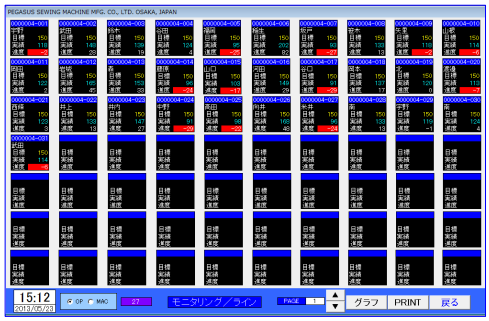
・ Operation end prediction/Overtime work prediction

The end time of each operation (target achievement time) can be predicted from the progress situation. Therefore you can smoothly prepare to switch a production item, dramatically reducing in-process item loss. In addition, overtime work can be predicted in order to achieve a target amount of output in the day if a production delay occurs.

(4) Monitoring function

・ Monitoring by each operation/line

The progress situation can be monitored by each operation (operator) and/or line in real time, using your company networks. In addition, you can monitor the progress situation at every place as well as the production site, office, etc. in your company.



Monitoring display by each operation
(Progress situation control)

* Please refer to the catalog separately for more information.

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■ Commodity components

[Full package of the WPC System components]

- Base unit <WPCO-001> : 1 set
- Communication cable <RS422> : 1 set
- Barcode scanner <PS-800-P> : 1 set
- Producer function software <Ver.107PUJ> : 1 license
- Viewer function software <Ver. 107VUJ> : 3 licenses
- DVD-ROM for installation : 1 set
- SD card key for authentication : 4 sets

[Option]

- Wireless switch <WPCK-002>
- Extension switch cable <WPCK-003>

■ Software requirements (Recommended personal computer specifications)

OS: Windows XP/Windows 7 (32 bit, 64 bit)
CPU: more than Inter Dual-Core/Core i3
Memory: more than 512 MB/4 GB ~ 8 GB recommended
Microsoft Office: Must use any of the following; Version 2000, 2003, 2007, 2010 and 2013.

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■ Release date

June 20, 2013 (ahead of time in Japan)

※ Please note that the specifications and/or features described above are subject to change without notice due to modifications and/or version upgrades.

[Inquiries]

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