LOGIMOVE Fully-automatic

Production Management System for Garment Factories

◻ Anzani's Surplus

- Industry 4.0
- Great time saving
- Workstations saturation
- Control of the production time
- Never have to change the position of the stitching machines
- +20/30% Productivity increase
- Many models at the same time in production
- Zeroing of downtime
- Maximum production flexibility
- Made in Italy

◻ Overview

LOGIMOVE Fully-automatic is a **production management system for garment factories**, which provides for the distribution of **boxes**, equipped with bar codes, which contain the component kits to assemble **t-shirt**, **underwear**, **tricotage**, **denim**, **knitwear**. Furthermore CYCLOMOVE is suitable for the **preparation** during production of **clothes**, **jackets** and other **big sized garment**.

The system, automatically managed by **software**, knows which operator and which machine are present in each work station and which article is contained within each box, consequently it knows which operation can be carried out in each work station. The line manager loads the box at the start of the cycle, on the conveyor belt, the system autonomously delivers the box to the operator who has to carry out the first operation. Once the first operation is finished, the box is put back into circulation and sent to the workstation, where the next phase will take place, the same will happen for all phases, until the work cycle is completed and the box will be automatically unloaded out of the system.

Logimove Fully-automatic is equipped with an **overhead warehouse**, which allows you to store the boxes and **facilitate the workflow**. In this way the boxes will never leave the system, until the uppers are completed, unless you want to perform a quality check, retrieving the boxes at any time.

◻ Where and Why?

LOGIMOVE Fully-automatic is a system designed for **medium-big productions** from 22 to 80 operators, to deal with the **variety of products** in **confection departments** in garment factories, solving all the problems of **mixed production**, with small quantities for each order. It allows to exploit the potential of the operators, in fact everyone will be able to carry out their work at maximum speed, without having to keep the speed of the slowest operator, as on the contrary occurs in traditional systems, such as the continuous speed conveyor, which must be set at the speed of the slowest operation.

Thanks to the **independent distribution** of the boxes, Logimove Fully-automatic will **avoid moving the sewing machines**, in case of change of the article in production. Furthermore, through the sensors present in the workstations, the **production** will be **tracked** in a completely automatic way, thus knowing the **progress of each order,** as well as the **performance** of each operator.

Logimove Fully-automatic is a **lean/kaizen** system because it allows to **eliminate empty times**, **bottle necks** and to **improve daily production standards**, thanks to the **production data** provided by the software, thus constantly **increasing productivity**.

	Lt	Ext. Dim. (mm)	Int. Dim. (mm)	Base Dim. (mm)
Boxes Capacity and Dimensions	40	550x380x250	515x340x247	500x330
	50	600x400x300	560x370x297	530x340
	70	600x400x400	560x370x397	530x340

LOGIMOVE Optional

DESCRIPTION	ELIMINATED PROBLEM	BENEFIT

Display + APP for workstation managing

DESCRIPTION	ELIMINATED PROBLEM	BENEFIT
Touch-screen device, located on each workstation, with an APP installed, connected to the main software, which has the following functions: • Login into the workstation through fingerprint. • Chance to move the workers from one workstation to another, without changing the information in the system and it gets automatically production data record.	• If it is required to move the workers, you have to change the information in the system.	• Time saving. • Maximum flexibility.
• Button for calling the line manager.	• The communication between the line manager and the workstations in back of the conveyor is difficult.	• Time saving.
• Warning light for the delay, comparing the standard time with the real time of the operation.	• The workers don't realize if they are following the correct rhythm.	• Greater efficiency of the line. • Time saving.
• Information on the display about the operation to make for the box arrived at the workstation (in any workplace, it is possible to make more than one operation).	• The operators aren't sure how to carry out the operation and they have to ask advise.	• Greater efficiency of the line. • Time saving.
• Video database of the operations.	• The operators don't remember how to make an operation of a new style.	• Time saving.
• Personal performance sight by the operator.	• The operators don't exactly know how efficient they are.	• Higher involvement of operators.
• Machine breakdown reporting.	• It is required to manually report the machine breakdown.	• Time saving.

Manual racks for boxes stopover

DESCRIPTION	ELIMINATED PROBLEM	BENEFIT
When the boxes are waiting to be put in circle, it is possible to stock them in manual racks.	• The positioning of the waiting boxes causes mess in the plant.	• Space saving. • Greater order in the plant.

Electrical, air plants and motive power

DESCRIPTION	ELIMINATED PROBLEM	BENEFIT
Installation of plants with lamps above the line, compressed air and motive power for the whole line.		

Training with a time and motion expert

DESCRIPTION	ELIMINATED PROBLEM	BENEFIT
Our technician with pluriennal experience in the footwear, leather goods and garments industries will teach to the production managers how to exploit 100% the potential of the system and will help them to achieve an increase in productivity.	• Difficulty in using the system to its maximum capacity.	• Productivity increase.