

Excellence in Assembly

NEWSLETTER

Lean: New assembly concept installed at Bravilor Bonamat

Together, IPA and Bravilor Bonamat have managed to incorporate the latest insights in production technology. In close cooperation with the customer, and supported by TNO, we have redesigned the assembly process. The most important focal points were the investment level, ergonomics, flexibility for the future, process improvement (read: cost reduction) and a representative work floor. The result is a transparent system, which is elegant in its simplicity and combines the know-how of the three parties involved. It is worth noting that thank to the excellent internal communication at the customer, the enthusiasm of the project leaders spilled over to all personal concerned, not the least the operators who make daily use of the system.

View of Bravilor
"Bolero" assembly line

YEAR 5, NO. 1



Strength: Effective Result

The task at hand was not solely to raise the level of automation, but more specifically to optimise the entire process. A number of automated actions were introduced. At those manual workstations where further automation was not required, much attention was given to the ergonomics of the workplace: inflow and outflow of the material, stand/sit positions and movement analyses using TNO's ergomix software have produced an effective result.



Attention to Ergonomics at every workplace.

IPA delivers Flatscreen (LCD) Television assembly line to SPB (Belgium)



View of "SPB" assembly line

In mid-October, IPA delivered an assembly line to SPB, a company in Belgium. Redesigning the assembly process was the main priority of this project. The customer is a contract manufacturer, meaning that the actual assembly process is its core business. Optimisation and flexibilisation of this process have a direct impact on this company's competitive position. Thanks to IPA specialised know-how in the handling of TFT / LCD flatscreens, we were able to achieve the desired enhancement: thanks to the delivered assembly line carriers, the products can now be transported in various positions, thus optimising the assembly process. Naturally, the system meets all contemporary safety requirements.

COLOPHON

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