



Executive Summary

Pucktechnik is an Italian manufacturing company specialized in precision mechanics for the automotive and earth-moving industries. They needed an intelligent way to manage their cutting tools in order to better understand the way their items were consumed. MMC Italy, their main supplier, provided a SupplyPoint Vending solution that improved their activities from different perspectives.

Case Study

Precision Mechanics for Automotive



Challenges

Everything was at hand and anyone could access the material by taking it, without any tracking or control. The production manager often reported missing items that sometimes resulted in machine breakdown as some essential accessories for the continuity of production went out of stock.



How it helped

The withdrawal of items had been extremely simplified. The vending machine was placed in a strategic point in the factory so that all workers have to move very little to get the items they needed, saving them a lot of time.



Results

Savings were significant, both from a consumption point of view and from the way all processes related to the warehouse management have become more efficient. Waste of tools has been reduced (if not erased) as all the workers know that whatever they need is close to their working position, therefore they don't need to grab extra material that was then forgotten in random cabinets around the factory.

The Full Study



Executive Summary

Pucktechnik is an Italian manufacturing company specialized in precision mechanics for the automotive and earth-moving industries. They needed an intelligent way to manage their cutting tools in order to better understand the way their items were consumed. MMC Italy, their main supplier, provided a SupplyPoint Vending solution that improved their activities from different perspectives. The production department has been completely re-organized, providing the items on the point-of use with accurate information in order to increase the operators' performance. Savings on the item's consumption have been recorded in the first months. Moreover, thanks to the SupplyPoint EDI feature they completely automated the reordering process, saving a lot of time at the purchasing office, optimizing their inventory levels and bringing an increased efficiency in the overall warehouse management.



Challenges

Before introducing the SupplyPoint solution, the customer managed the stored items through containers placed on a steel shelf. Of course, everything was at hand and anyone could access the material by taking it, without any tracking or control. The production manager often reported missing items that sometimes resulted in machine breakdown as some essential accessories for the continuity of production went out of stock. Sometimes it was also happening that at the end of the shift some tools were not returned in the appropriate location and left around the plant, resulting in time waste to go and find them as there was no traceability about who had taken the material.



How it Helped

The withdrawal of items had been extremely simplified. The vending machine was placed in a strategic point in the factory so that all workers have to move very little to get the items they needed, saving them a lot of time. Moreover, the SupplyPoint software significantly reduced the withdrawal time as the workers don't have to look around all the warehouse but can easily search for the item they need using different filters as the job and the machine they were working on. Icons with technical parameters of the tools confirmed their choice leaving no room for mistakes. Thanks to the reporting features the company has now all under control excluding any possibility of stock outs and lowering at the same time the inventory levels. The partnership with MMC Italy improved even further the reordering process as they are now able to ship the material on time without urgencies.



Results & Return on Investment

Savings were significant, both from a consumption point of view and from the way all processes related to the warehouse management have become more efficient. Waste of tools have been reduced (if not erased) as all the workers know that whatever they need is close to their working position, therefore they don't need to grab extra material that was then forgotten in random cabinets around the factory. The inventory has been optimized as the quantities were reduced. All the people that were involved in the reordering process have now more time to dedicate to other activities as all the key consumables are being reordered automatically with the EDI feature. Overall the SupplyPoint vending solution allowed the company to be in control of what is being used, how they use it and for which jobs they consume more. All these positive results brought them to extend the system with an add-on unit after one year where they started managing also other consumables.