ROBOPIK
TAKE-OUT SYSTEM
FOR SHUTTLE MACHINE AUTOMATION

Robopik: The Leading Take-Out System

This patented technology is only available from Proco Machinery. If your goals include reducing operating costs, improving quality and maximizing efficiency in your blow molding department, take a very close look at Robopik. Robopik is not just another Take-Out System. It is the best, most advanced system available. Robopik is Proco’s revolutionary patented new approach to Take-Out technology. It provides many features not possible with other systems.

Robopik’s outstanding success can be attributed to its simplicity. Change-over has been given the highest priority through Kwik-Change technology. By introducing Robopik into your blow molding operation, you will significantly reduce the need for manual labor, improve quality and increase efficiency, elevating this area of your manufacturing to the highest level of excellence. This will make your company more competitive, resulting in more profit, which is the key to a secure future. With Robopik, your goals can be a reality!

Robopik

The Robopik Take-Out System automatically orients the containers while providing benefits not possible with other systems.

Punchpak Tooling

The Punchpak Tooling is like a die set. It’s a complete Tooling Package. The integral punch is factory aligned so, when changing jobs, the whole assembly is interchangeable. No adjustments are required, simply interchange Punchpak and you are ready to go! It’s that easy!

Pneutrim Deflasher

The Pneutrim Deflashing machine fits ideally into the system. It provides the mechanism to open and close the Punchpak Deflash Tooling. Equipped with safety guards and an integral scrap conveyor, the Pneutrim is controlled directly from the Robopik touch screen. Job parameters can easily be saved and recalled. The Pneutrim is simple to set-up, requires minimum maintenance and provides quick and easy change-overs.
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Wide Range of Flexibility

Robopik is the most flexible Take-Out System available. The patented design allows Robopik to be moved from one blow molder model to another without mechanical adjustments. Simply plug in the interface connector and Robopik’s smart control recognizes the blow molder it is connected to and makes its own adjustments. The standard model encompasses H111, H121, H151, H155, FHB 054-1, FHB054-2, FHB106-1, FHB106-2 and FHB15/2. It is available in both left hand and right hand models.

Single Arm Technology

Robopik features one gripper arm to service both sides of a dual sided shuttle molding machine. This single gripper arm zips between the molds, taking out the containers and transferring them in a controlled and accurate motion using servo precision. Each cycle, the containers are transferred from the gripper to the holding fixtures of the transfer mechanism. The transfer takes them through the tail puller, then to the take-off conveyor. This single gripper arm is unique to Robopik. It is patented and provides benefits not possible with other systems. Products without bases can be handled easily. Whether it is a hook, a tottle or any other unusual shape, Robopik is the solution.

Configuration

The flexible Robopik System can be configured in a variety of arrangements to suit your particular needs. The in-line system provides a simple cost effective solution, where sufficient space is available. Right or left hand systems can be provided. Configurations feeding to the front or back of the blow molder are the most common arrangements. In extremely tight space restricted situations, the system can be supplied with Proco’s optional Propik pick-and-place mechanism.