

# ROBOPIK EX2 TAKE-OUT MODULAR SYSTEM INTEGRATES TAKE-OUT, DEFLASHING, TAIL TRIMMING

## The New Robopik EX2: A Revolutionary Concept in Take-Out Technology

The new revolutionary **Robopik EX2** advances take-out technology to a new next level. It combines Proco's 35 years of expertise in take-out technology into one compact integrated system. The modular take-out, deflasher, and tail trimmer combine into one total machine package, Proco has developed the most advanced system available anywhere in the world. This next generation take-out will enhance blow molding productivity, reduce manufacturing costs and increase efficiency.



Molding machine guards shown for reference only.

## PRODUCT FEATURES

### Robopik EX2

The **Robopik EX2** Take-Out System automatically deflashes, and trims the containers, providing benefits not possible with other systems.

### Punchpak Tooling

The Punchpak Tooling is like a die set. It is a complete Tooling Package. The integral punch is factory aligned so that 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!

## Robopik: The Leading Take-Out System

This patent pending 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 EX2**. **Robopik EX2** is not just another Take-Out System. It is the best, most advanced system available. **Robopik EX2** is Proco's revolutionary patent pending new approach to take-out technology. It provides many features not possible with other systems.

**Robopik EX2's** most outstanding attribute is its simplicity. Change-over has been given the highest priority through Kwik-Change technology. By introducing **Robopik EX2** 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 EX2** your goals can be a reality!

## Modular Deflasher

The Deflashing mechanism fits ideally into the system. It provides the mechanism to open and close the Punchpak Deflash Tooling. Job parameters can easily be saved and recalled. The Deflasher is simple to set-up, requires minimum maintenance and provides quick and easy change-overs.

# ROBOPIK EX2 TAKE-OUT SYSTEM FOR SHUTTLE MACHINE AUTOMATION

## PRODUCT FEATURES

### Wide Range of Flexibility

**Robopik EX2** is the most flexible Take-Out System available. The patent pending design allows **Robopik EX2** to be moved from one blow molder model to another without mechanical adjustments. Simply plug in the interface connector and **Robopik EX2**'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, FHB 054-2 and FHB 106-2. It is available in both left hand and right hand models.

### Single Arm Technology

**Robopik EX2** 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. This single gripper arm is unique to **Robopik EX2**. It is patented technology 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 EX2** is the solution.



### Configuration

The flexible **Robopik EX2** 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.

**Robopik EX2** can be configured in several ways depending on the manufacturing environment. The optional drop chute is the most cost effective. Transfer arms can be supplied for a more dedicated environment. The Provac Vacuum conveyor is the most versatile method.

### Articulated Provac

The Provac Vacuum Conveyor makes the simplicity of the **Robopik EX2** system possible. This carefully engineered conveyor indexes a precise distance each cycle. Benefits include the elimination of guide rails and no adjustments when changing jobs. Damaged and defective containers simply fall off the line without disturbing the flow of production. The indexing feature eliminates the need for photo eyes, gate cylinders and transfer mechanisms, making set-up and change-over much easier. Best of all, it handles tall and unstable containers with ease.

### Ultratest Leaktester

The Ultratest Leaktester is a vital part of Proco's **Robopik EX2** system. It checks every container for leaks and rejects only the defective ones. The Ultratest works in synchronization with the Robopik Defective containers are ejected directly from under the test head. The easily changed test head system makes set-up and change-over like child's play. The graphic touch screen display adds new dimensions of excellence to this already superior system.

### Touch Screen Control

**Robopik EX2** communicates utilizing a color touch screen control. The touch screen allows the operator to interact with the **Robopik EX2** control system. The screens have been designed to lead the operator through step-by-step menus. Operators with limited technical experience can make simple changes with minimal training. Jobs can be saved into memory and simply recalled for the next run.

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