


TinOut

TIN/AIR SIDE ROBOTIC GLASS HANDLING



I-Scan has developed new robotic cells which allow loading as well as unloading operations of various glass sizes, from split to LES, providing an automatic flexible solution for tin side/air side handling.


I-Scan Robotics
Automated Systems for the Glass Industry

The Ultimate Solution for Coated & Automotive Glass

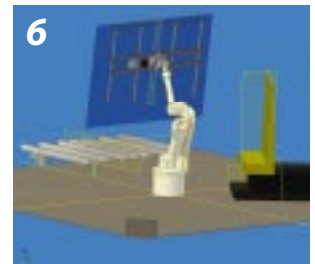
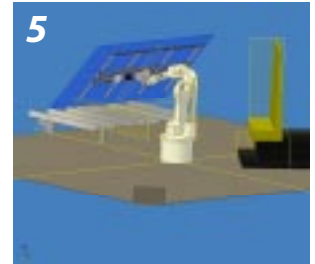
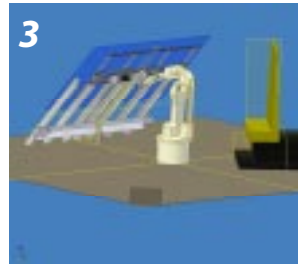
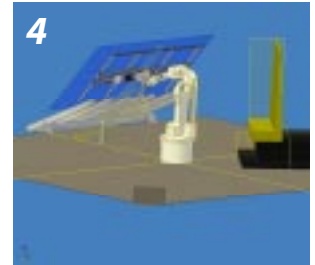
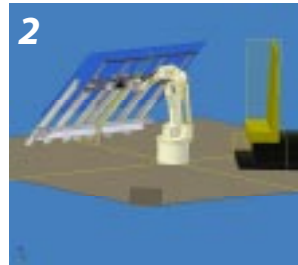
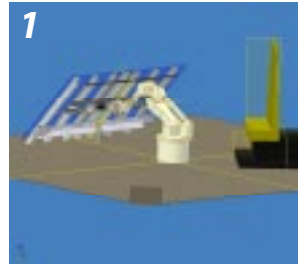
Responding to the increasing need for a tin-side-out glass handling system I-Scan presents TinOut, innovative robotic work-cells that allow loading and unloading operations of split to LES glass plates. This unique system provides an automatic flexible solution for tin side/air side handling. I-Scan's TinOut is, a superb solution for the increased production maintaining the highest quality of Coated and Automotive Glass. Each cell features a tilt frame, enabling the robot's tool to grip the plate from its tin side either for loading the plate onto a conveyor or unloading it from a conveyor onto a rack. Like in all I-Scan's systems, the flexible vacuum gripper allows automatic handling of various glass sizes and thicknesses without the need for a manual set-up.

► **TinOut's major components include:**

- 6 axis industrial heavy payload robot
- Flexible vacuum gripper
- Loading/unloading rotating platforms
- Tilt frame enabling air/tin-side handling fully compatible with the robot's gripper

► **TinOut delivers significant advantages:**

- TinOut offers you automatic handling for a wide range of glass sizes.
- TinOut provides you with flexible loading and unloading of glass onto coating conveyors, side legs and others.
- TinOut allows you to freely-determine the racks or boxes you want to Load onto or unload from.



Automation in Motion.
**Go for the shortest, simplest,
most flexible line.**

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Automated Systems for the Glass Industry

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