



TRAYTENDER

FLEXIBLE ROBOTIC TRAYING AUTOMATION

The TrayTender is a modular, robotic machine to automate parts handling to and from trays. The system is ideal for integration with molding machines, machining centers, or other assembly and test automation. The TrayTender's 6-axis robot(s) can be configured to provide secondary operations such as inspection, marking, overmold insert loading and assembly tasks in addition to tray load and unload functions. The TrayTender can handle delicate plastic, electronic and metal parts as well as other high production components and is built to fit your tray size and matrix. Components are specified for your application parameters.

Features

- Over/under conveyor design allows for narrow footprint, resulting in less floor space on your assembly line.
- Tray queue time can be easily increased.
- Very fast tray change over time.
- Can be used as tray loader, unloader or parts accumulator.
- All units can be tooled with multi-point grippers or vacuum pick up heads.
- Robotic controlled motion places part accurately. Very fast robots speeds are available.
- All tooling and guarding can be included.
- Full color hmi with documentation.
- Secondary operations easily incorporated.
- Variety of machine interfaces available.



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Tessy Automation manufactures a complete line of standard and custom stacking systems. Feeding parts from trays is streamlined into an efficient, simple task.

COST SAVINGS

- Typical payback is less than one year.
- Eliminates press mount robots.
- Ability to do secondary operations at the press with no additional operator.
- Eliminates costly operator tending.

FLEXIBILITY/FORWARD COMPATIBLE

- Flexibility to move to a different press with minimal tooling.
- Invest in capital only once
- Lean Cell Approach

ONE STOP SOLUTIONS PROVIDER

Tessy Automation is a custom automation builder and integrator. We have the capabilities to design a unit to retrofit into your existing line or we can design/build a new automation system.

See Video at: TrayTender.com