

INDEX 360 Production Center



Dispensing - Assembling - Marking - Packaging



A Smart Solution



Simply The Best

The Index 360 is designed as a platform to easily tie in several technologies and streamline an entire production process.

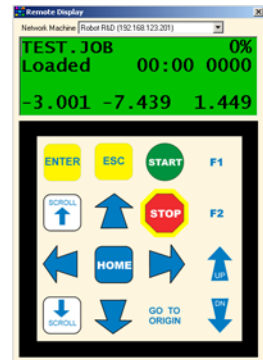
Unlike special machines, that tend to be high cost and risk, this system is completely modular and utilizes components and processes from our vast libraries of time proven designs.

Available with engineered materials to meet FDA / GMP compatibility for medical / pharmaceutical applications.

Linear Palletized Conveyor System Provides the Foundation for Indexing Product Left to Right Throughout all Work Stations.

Application Shown:

- Parts in trays accumulated in vertical conveyor
- Three parts loaded onto pallets
- Laser ablation station (enclosed)
- Liquid dispensed onto part
- Inspection station
- Parts packed into crates
- Crates indexed with X-Y servo system



Latest Embedded Technology

Proven Controls

The system includes our Robotic Embedded Control System (RECS) with (dual memory) processor and CF memory card for true multi-tasking & real time performance. The machine is connectable to your network (LAN) or RS-232. Hundreds of files may be stored on the machine for quick changeover. Bar code scanner input will allow selecting jobs from a label or work order.

A True File Based Solution

The obvious advantages of a file based system is having the ability to upload the machine's software by downloading a single file. This ensures that your investment will be as prudent as it is productive.

**Network LAN
Connectivity**

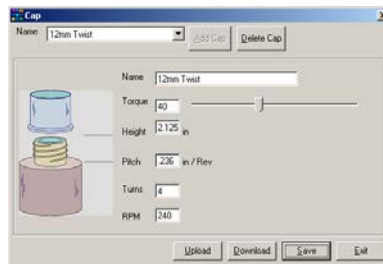
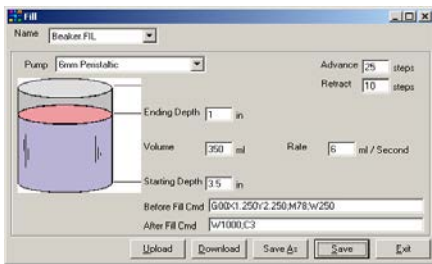
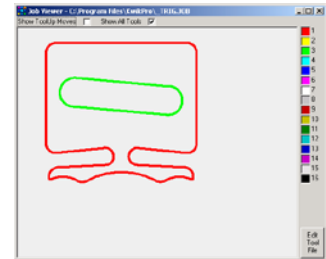
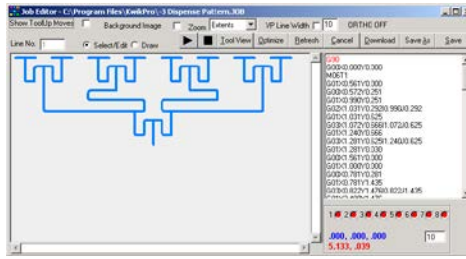


Pre-Programmed Functions

Simple Graphical Programming

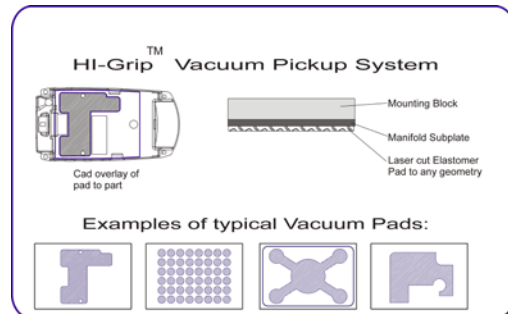
When changes are required you want simple graphic based tools for tool paths, motion logic, etc.

The Index 360 has all of the standard Dispense Works pre programmed functions that make program modifications a snap.



Off the Shelf Options Streamline Your Production

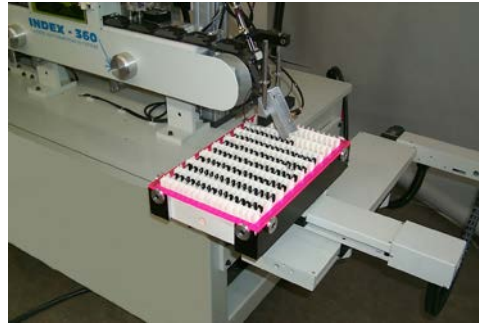
Hundreds of standard loading / unloading and parts feeding options are available for most applications.



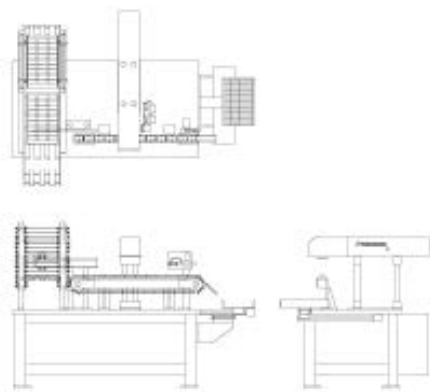
Parts are picked (3 at once) from trays accumulated in a vertical conveyor. The gripper system is used for it's high holding force and quick positive release required for this process.

Limitless Customizing Capability

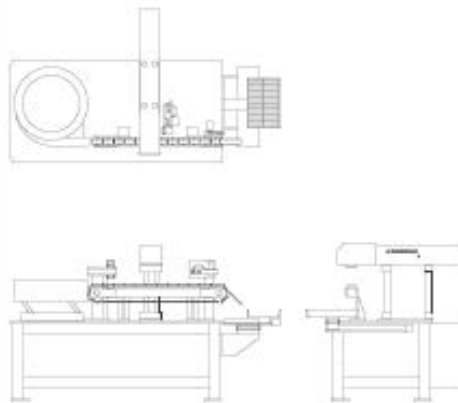
- Fluid Dispensing Stations
- Pick & Place Modules
- Vision System
- Pallet & Tray Processing
- Laser Marking
- Dot Peen Marking
- Programmable Force Ass'y
- Packaging Options
- Parts Feeding Options



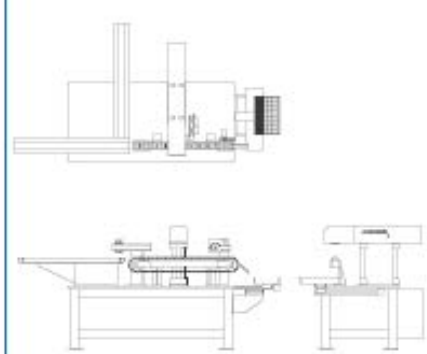
TRAY / PALLET



FEEDER BOWL



CONVEYOR



Date	Time	Job	Count	Run Time
01/13/04	00:17	THIS	#0004	00:06
01/13/04	00:15	0	#0005	00:10
01/13/04	00:14	THIS	#0001	00:10
01/07/04	22:54	TEXTJOB	#0001	00:16
01/07/04	22:54	LINVATEC	#0001	00:19
01/06/04	23:34	THIS	#0148	00:17
01/06/04	20:48	0	#0335	00:11
01/06/04	19:47	LIN	#0002	00:04
01/06/04	19:46	KEYBOARD	#0031	00:26
01/06/04	19:27	TEXTJOB	#0002	00:05
01/06/04	19:26	KEYBOARD	#0001	01:03
01/06/04	18:51	LIN	#0000	00:00
01/06/04	18:50	KEYBOARD	#0003	00:36
01/06/04	18:48	KC	#0001	00:05
01/06/04	18:47	010504-1	#0014	00:00
01/06/04	01:14	KEYBOARD	#0001	00:37

Production History File

Track Your Production Data

Production information is stored after (& during) each cycle. This includes a date & time stamp for each cycle.

The History file may be accessed from the Windows Suite and then printed, copied into a report or saved as a spreadsheet file. Other "flags" such as a pause or any interruptions during production are tracked as well.

All systems are designed & manufactured in our clean, state of the art facility on modern CNC equipment to the industry's most stringent quality control. All software (& machine firmware) is written by us as well.

Over 25,000 sq ft is dedicated to research / development & high tech assembly. The systems feature time proven designs with pre-engineered stations requiring minimal "custom" tooling for rapid deployment.