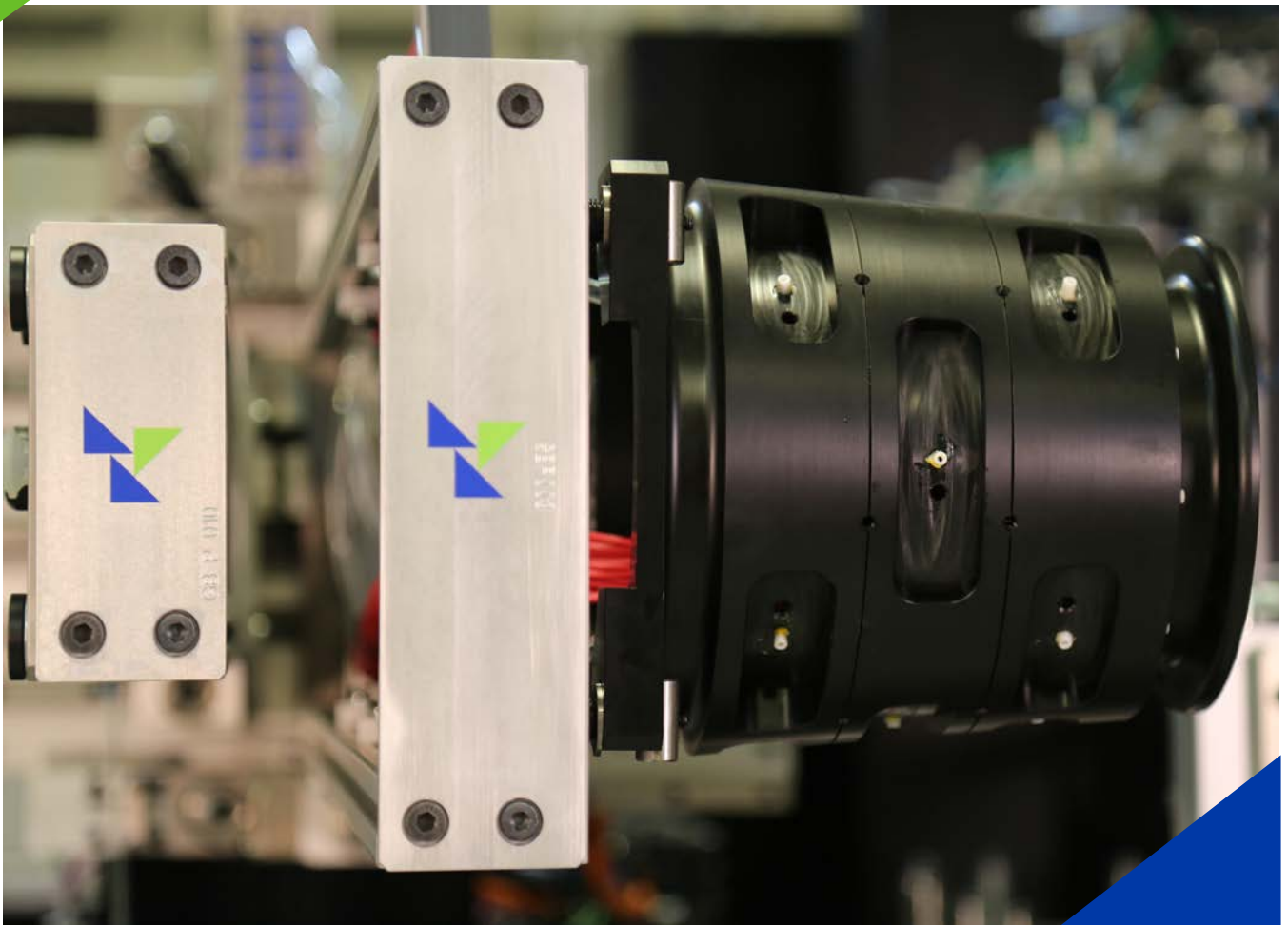


IML Robots and Turnkey Solutions



 ***StackTeck Automation***

Precise
High Speed
Robust
Versatile

StackTeck Automation Robots

IML ROBOT

- Solutions for containers and lids
- Single face molds to 16 cavities
- Stack molds to 2x16 cavities
- Machine compatibility from 300T to 600T
- Singulation solutions for efficient vision inspection

VISION INSPECTION MODULE

- Throughput for containers and lids to 400 PPM
- Quality validation for label application and/or molding defects
- Color cameras from 1 to 5+ to meet QA requirements
- Integrated defect part rejection



STACKING MODULE

Stacking solutions for containers and lids include:

- IML robot integrated programmable servo stacker
- Free standing servo down-stacker for containers
- Free standing servo up-stacker for lids



Why StackTeck Automation

- Designed and built in North America
- 20+ years of IML experience
- Proven turnkey systems provider
- Onsite remote support in English and Spanish

Delivered in
12-14 weeks



Custom Application and Functionality

IML automation available on a custom basis for:

- Multiple label applications
- Vision system integration
- In-line stacking for post-inspection systems



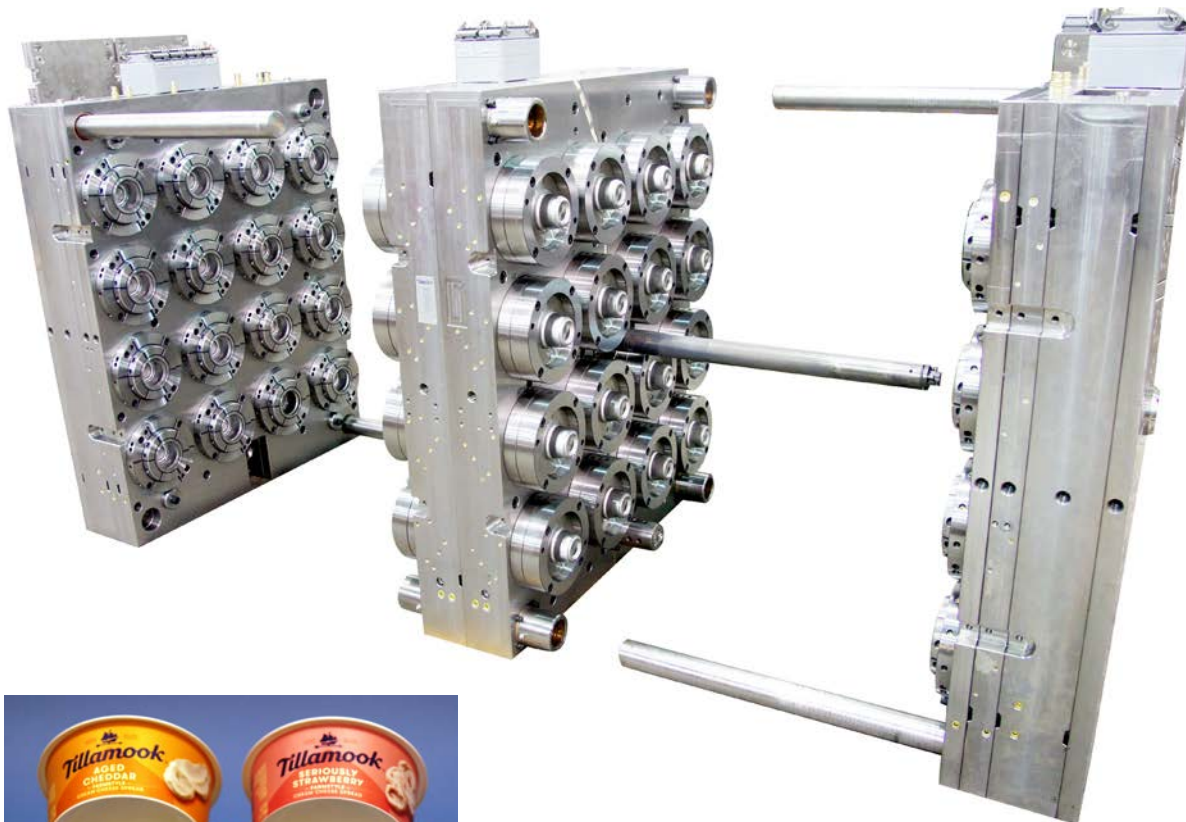
Various IML Samples





Built for Production

- ✔ Smooth and robust (just like our molds!)
- ✔ Fast and repeatable
- ✔ Modular and Adaptable
- ✔ Hand-held tablet lets user access robot and stacking module settings
- ✔ Great operator access, well illuminated and safe
- ✔ Global, industry leading commercial component suppliers

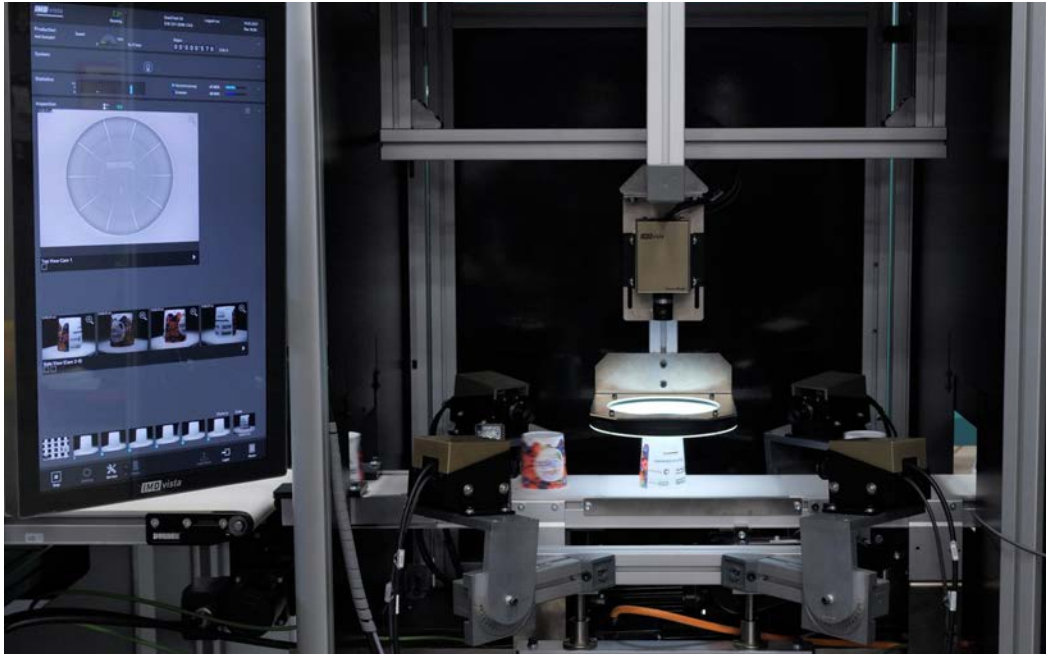


2x16 IML Cup Mold



Vision Inspection Module

- ✔ StackTeck vision inspection module with IMDVista inside
- ✔ IMDVista neuron software with self learning functions
- ✔ Large touch screen control center with intuitive screens
- ✔ Configurable from 1 to multiple cameras as required
- ✔ Fault categorization, cavity tracking, SKU monitoring
- ✔ SPC based deviation and alarm limits



Stacking Module

- ✔ Servo container down-stacker
- ✔ Scalable from 1 to 16 cavities and 400 parts per minute
- ✔ Incorporates 15" flat panel touch screen control panel
- ✔ Features user programmable servo stack height control
- ✔ QA sampling interrupt





Some of our Services

- Product design and optimization for IML
- Prototyping and pilot production runs
- Turnkey systems integration and training
- Custom solutions for multiple labels on the same part



StackTeck's IML Pilot Cell





Multiple Systems for an IML Program at the Automation Facility

StackTeck Automation

Automation Facility



Molds Facility



StackTeck Automation

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