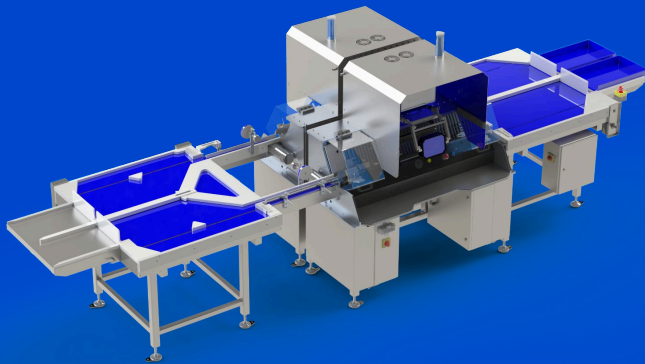


# Enhance Human Inspection with DI-100



Consistent visual inspection with **advanced automation**

Human inspectors set the benchmark for visual inspection quality, yet manual pick-and-place inspection can be both time-consuming and vary in consistency between inspectors. The DI series optimizes human inspection by delivering a stable and reliable inspection environment.

Unlike traditional manual inspection processes, the **DI-100** boosts efficiency by automating container infeed, transport, and rejection, streamlining product handling. This system also aids the operator in detecting particles and cosmetic flaws: the vial spins at high speed before inspection, dispersing any particles, and continues rotating 360° during inspection, ensuring the entire container is examined. Multiple lighting, mirrors and magnification options further enhance the identification of defective products.



*Example of DI-200 configuration for 200% inspection*

## Machine Speeds

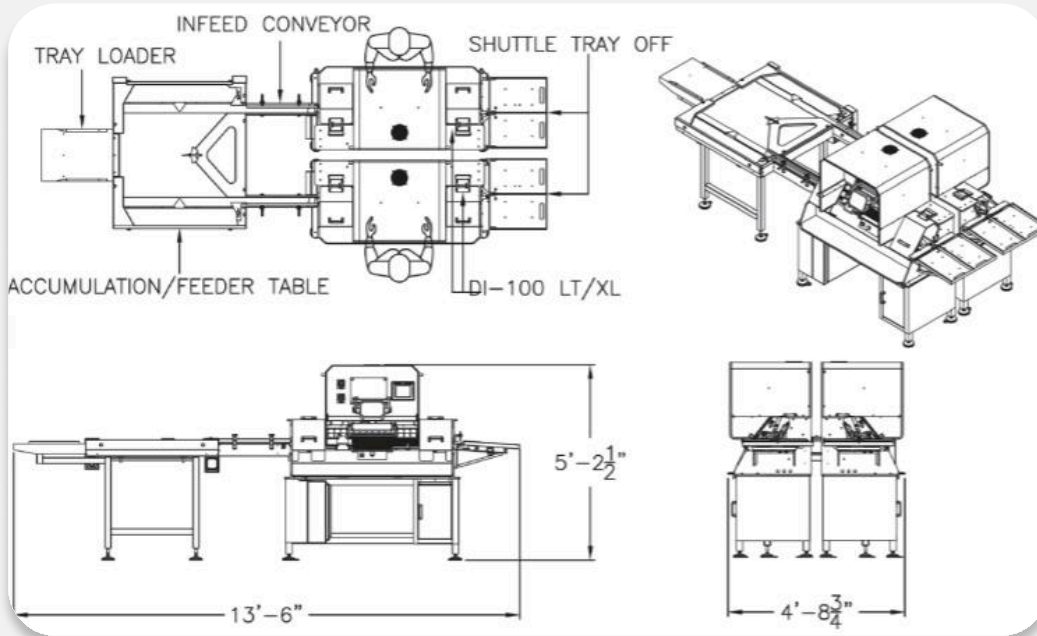
Up to 150 parts per minute (container-specific)

## Container Sizes

- Vials: 1ml - 1000ml
- Syringes/Cartridges: 1ml - 100ml
- Ampoules: 1ml - 50ml
- Other container sizes available upon request



# Example Layout



Inspection Area

- Top tyndall: over 700 foot-candles
- Bottom tyndall: over 700 foot-candles
- Back lighting: over 500 foot-candles



Infeed

- Vials: turning block or starwheel
- Syringes/Cartridges: worm screw or starwheel
- Ampoules: starwheel



Auto-reject / Outfeed

- Auto infeed reject: cosmetic-stopper, cap, and crimp
- Output reject: 4-6 reject categories
- Loading height: 815 mm - 915 mm (32" - 36")
- Syringes: inline belt conveyor
- Ampoules: flat belt conveyor for trays/tray loading

