



KALISH

Practical Packaging Automation

MONOCOUNT

Complete Tablet Packaging System on a compact Monoblock Frame

The ideal solution for:

- *Short Runs (JIT)*
- *Clinical Studies*
- *Hazardous Products*
- *Direct Feed*
- *Confined Areas*

The Monocount Packaging System

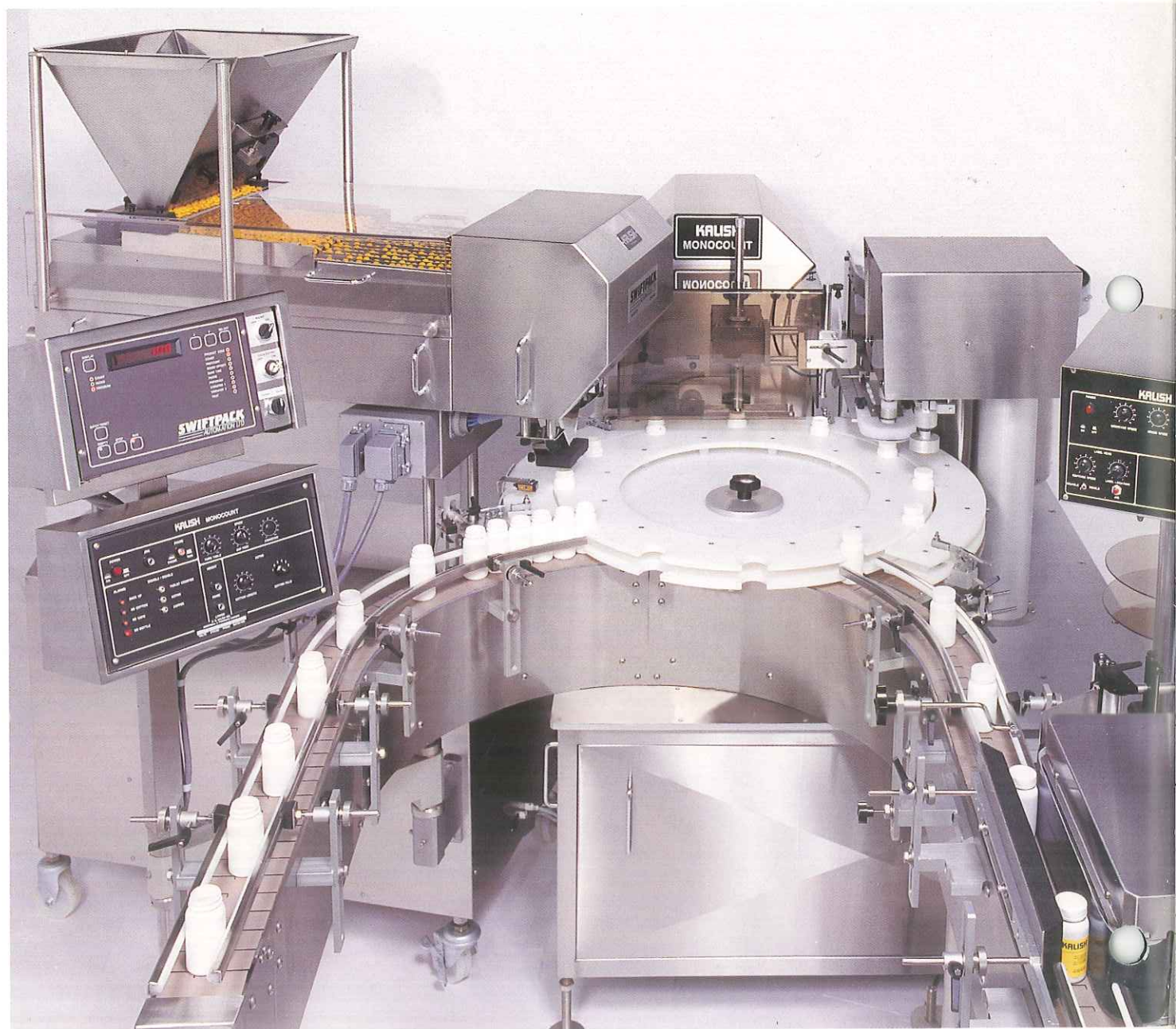
The best features of our complete line are brought together to form the worlds smallest* tablet and capsule packaging system.

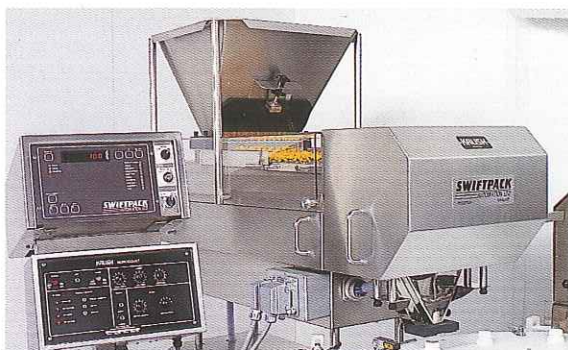
Mounted on a stainless steel monoblock frame, one operator can count, cotton and cap up to 60 bottles per minute in an area as small as 3m x 4m (9' x 12').

* (Patent Pending)

The monocount can be changed over in minutes. The PLC controller assures versatile operation. It is the ideal solution for packaging operations such as:

- Short Runs / Fast Changeovers (JIT)
- Clinical Studies
- Hazardous product isolation
- Direct feed from tablet press / capsule filler
- Confined Areas





High Speed Counter

Swiftpacks* with 8, 12 or 16 track high speed electronic counters, with 2 or 3 feed trays optimally match products to production speeds required.

Product change parts have been eliminated. A microprocessor controls count, feed rate, batch size and product sensors.

To ensure 100% accuracy, product settings including scan time, precount and speed setback for each product are stored in memory. Even translucent gelatins are counted accurately. The Swiftpack* counter is **not** affected by dusty products.

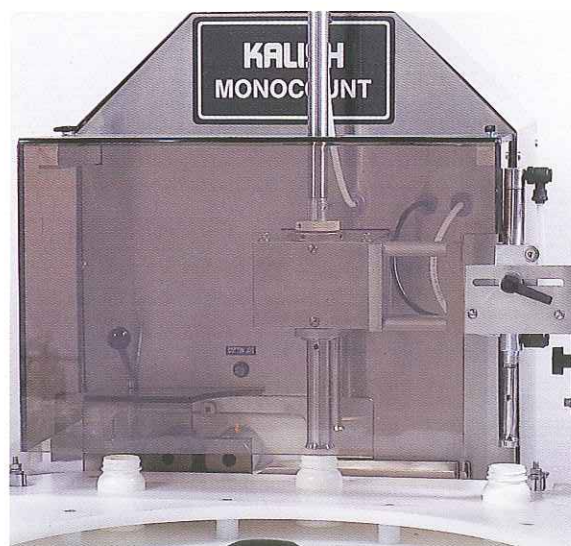
Automatic fault diagnosis alerts operator of machine status and an optional RS232 communications port can be used with integrated computer aided manufacturing systems.

Kotnr 120

Insert cotton or rayon. Folded "n" shape provides neat appearance and ensures fibers do not foul cap threads or seal.

Twin rotating cotton tubes allow pre-loading with simultaneous insertion to speed operation. Second push station ensures cotton or rayon is properly placed.

Choose single or multiple insertions per bottle with lengths from 5 - 24cm (2" - 9").



Capping Screw, Snap or Child Resistant Caps

Advanced push through design places caps directly on bottles eliminating complicated transfer mechanisms. (Patent Pending)

Air driven rotating pusher places and pretightens caps while second station delivers final torque without scuffing.

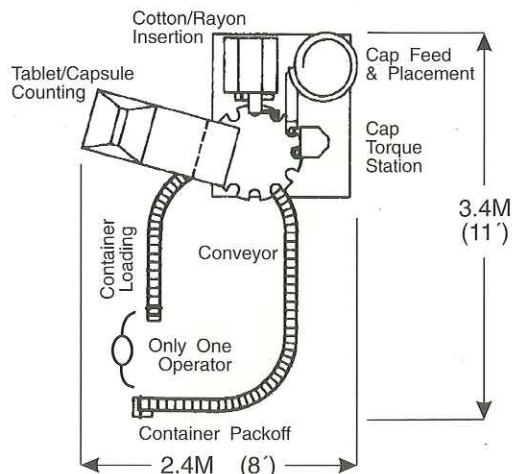
Vibratory feeder and "air track" chute are fully adjustable. Interchangeable cap traps require no adjustment once installed and allow production to begin without delay.



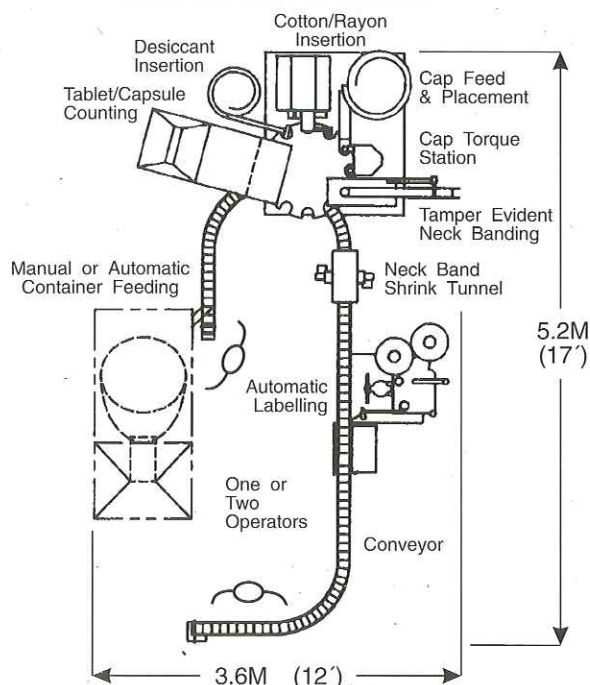
Layouts

Monocounts suit any layout required.

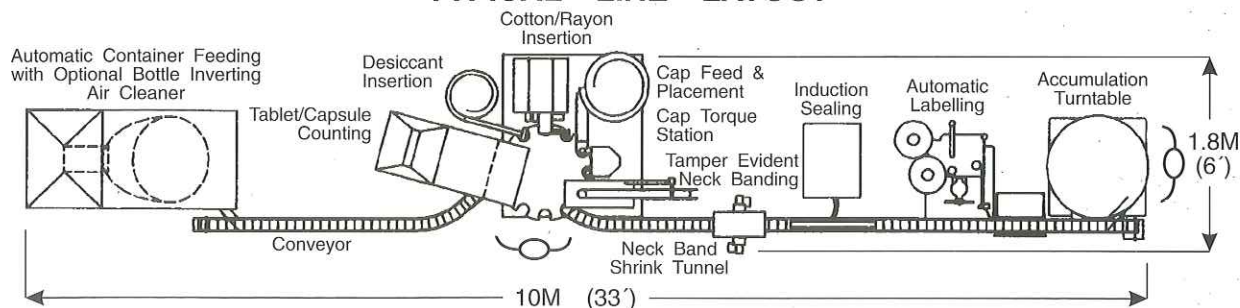
STANDARD LAYOUT



EXPANDED LAYOUT



TYPICAL "LINE" LAYOUT



Note: Dimensions are approximate.

Standard Components

- Swiftpack* 12 Track Counter
- Kotnr 120 Cotton Inserter
- Cap Feed and Torque Station
- Monocount Base and Drive Assembly
- PLC Integrated Controller

Optional Attachments

- Desiccant Inserter
- Tamper Evident Neck Banding

Additional Accessories

- Sanitary Conveyors
- Kalisort Bottle Unscrambler
- Bottle Cleaner
- Shrink Tunnel for Neck Band
- Body Bandit and Shrink Tunnel
- Labelling for Round / Square Bottles
- Label Coding / Verification
- Induction Sealing
- Accumulation Turntable/Packoff Table



Cleaning & Changeover

The counter easily rolls away for complete access. It is dismantled for complete cleaning in minutes.

Most products require no counter change parts reducing investment and set up time. Run new products immediately without new tooling.



Product count and settings are recalled on the controller at a touch of a button.

A second set of counter contact parts are available to further speed changeover. All contact parts clip on/off without tools.

To exceed G.M.P. guidelines all surfaces are as smooth as possible without crevices that can trap product. Cables and hoses are recessed out of the way and there are no painted surfaces which can chip, corrode or contaminate products.



Power lift at the touch of a button adjusts the Monocount for different bottle heights

To accommodate different size bottles, indexing starwheel and backplates are replaced using quick release fasteners.

For different bottle neck and corresponding cap size, cotton tubes and dedicated cap traps are replaced.

KALISH

Practical Packaging Automation

The Complete Line

Kalish manufactures a full range of machines for the automation of liquid or tablet packaging. Used around the world, Kalish equipment has earned an excellent reputation for engineering elegance, rugged construction, long term reliability and operator friendliness. Versatility is a design feature, enabling Kalish machines to be easily integrated with virtually any container, product or packaging line.

Kalish has been solving packaging problems for over 35 years.

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