



HIBAR
SYSTEMS LIMITED

The Liquid Dispensing Specialists

IN-LINE INTERMITTENT MOTION FILLING SYSTEMS



HIBAR'S IN-LINE INTERMITTENT MOTION FILLING SYSTEMS are designed to provide both economy and flexibility for customers with a diverse product range. An indexing system is used to transport containers in groups through the fill area. Quick change parts are available to accommodate product change-overs in minutes.

IN-LINE INTERMITTENT MOTION FILLING SYSTEMS FEATURES

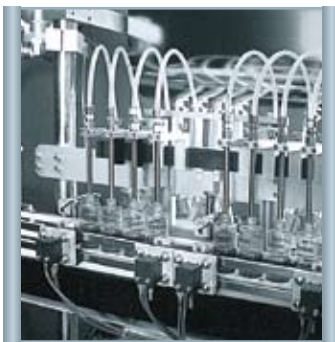
- Available with cross push, star wheel on pneumatic gating for indexing of containers.
- Modular Hibar Mobile Dispensing System for easy cleaning and service.
- Integral vertical nozzle movement for smooth bottom-up filling when required.
- Integrated colour graphical touchscreen operator interface and state of the art PLC to controls provide intuitive, operator-friendly system control.
- Provision to integrate Hibar positive shut-off fill tubes for drip-free filling.
- Special system configurations are available to suit a range of filling environments including purge atmospheres, explosion proof constructions or heated filling requirements.
- Programmable servo motor driven models are also available. Consult Hibar for details.

IN-LINE INTERMITTENT MOTION FILLING SYSTEMS SPECIFICATIONS AND APPLICATIONS

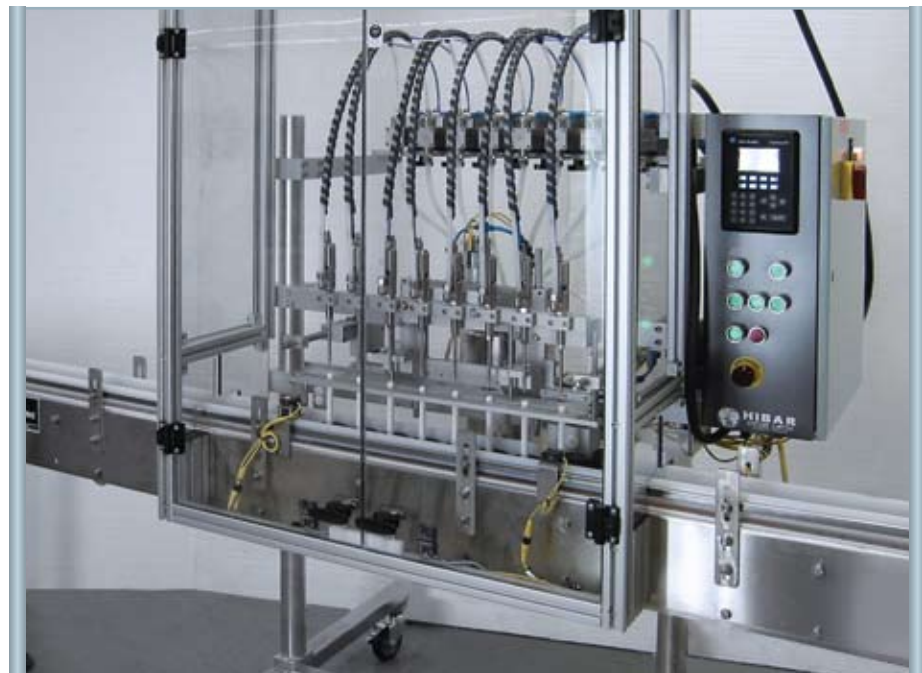


High Viscosity
Make-up Filler
with Star Wheel
Indexing System

Heated Filler with Cross Push
Container Indexing System



Shampoo Filling with
a Pneumatic Gate
Indexing System



Pharmaceutical
Filling System

APPLICATIONS

| Cosmetics | | Food | | Pharmaceutical | General |
|-------------|------------------|-------------------|-------------|----------------|---|
| • Mascara | • Shampoos | • Salad Dressing | • Juices | • Medicine | • Toothpaste |
| • Exfoliant | • Antiperspirant | • Popcorn Oil | • Honey | • Cough Syrup | • Caulking |
| • Lipstick | • Lip Gloss | • Ketchup/Mustard | • Butter | • Antibiotic | • Glues/Adhesives |
| • Creams | • Nail Lacquer | • Marmalade | • Margarine | • Blood Serum | • Grease |
| • Lotions | • Foundation | • Sauces | • Relish | • Biological | • Oils |
| | | | | | • Abrasive Kitchen/ Bathroom Cleaner |
| | | | | | • Paints/Inks |
| | | | | | • Tooth Whitener |
| | | | | | • Fluxes |