

## FP500 CASE PACKER

### flexible pouch pick and place case packing (up to 120 bags/min)

The **FP500 Flexible Pouch Case Packing System** applies straightforward and easily managed technology to achieve dependability in any rigorous production environment. This system will accept a variety of flexible bag types (eg. pillow, stand-up, side gusseted) comfortably at 90 bags per minute. Package orientation and registration is delivered and maintained by the system, which automatically control in-feeds and stages the corrugated case to complete the loading process (see – Sequence of Operation). Ideally suited to operations where space is at a premium, the FP500's extremely small footprint of **48" x 72"** allows for easy placement in congested production environments.

### Bag Pack Patterns (Pillow or Stand-Up)

Versatility without a premium, the FP500 quickly changes-over to a wide range of multiple layer bag packing patterns.

**SEQUENCE OF OPERATION** – Bags are "pretreated" to improve orientation, separation and center registration upon in-feed (if required). Introduced on to a registration controlling conveyor, packages are indexed forward until arriving into the system's pick position. Formed and bottom sealed cases are in-fed and controlled in the staged pack position. Once the required package quantity has been indexed into position, the system's pick head descends, securing the load by vacuum. The secured packages are lifted vertically and then placed within the staged case(s). This sequence is repeated until the case is fully loaded and then is discharged. When required, package rotation and overlapping is performed on the pick head itself.

### UTILITIES - AIR

220/3/60 NEMA 12 – 5CFM (80PSI)

### SYSTEM OPTIONS

- FULL STAINLESS STEEL CONSTRUCTION
- ALTERNATE / ROTATE LAYER PACKING
- ELECTRICAL (480/3/60)
- LEFT OR RIGHT HAND OPERATION

### STANDARD COMPONENTS

- PLC (OMRON CPM1A)
- PNEUMATIC (NORGREN)
- ELECTRICAL (ALL CSA / UL APPROVED)
- SOLENOIDS (115VAC)

