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AP SERIES
Model AP-440
High Level Palletizer

AP-440 High Level Palletizer

The new Model **AP-440** from Premier Tech Chronos **AP Series** raises the industry's standards to a higher level with its exceptional performance. Indeed, this new **High-Level Automatic Palletizer** provides the highest quality on the market, with speeds up to 40 bags per minute.

The main performance-enhancing feature of the **AP-440** is the servomotor-driven bag pusher, which improve speed, flexibility and precision. Servomotor are also used on the newly-designed turner, ensuring more accurate bag positioning and better control, thereby improving the quality of the finished pallet. In addition, another counterweight on the pallet elevator allows the **AP-440** to have a quicker pallet changeover which is another key processing step that improves overall speed.

Applications

The Model **AP-440** is built to accurately stack bags, bales, bundles and cases on a pallet or directly on a bottom sheet.

Benefits & Features

Smallest foot print among 40 bpm palletizers

- 20% smaller than the competition

From installation to production in less than one week

- Shipped in three modules
- Control panel already attached to the machine for less wiring on-site
- Electrical connection with quick-connects

All modules are optimized for improved overall speed

- Servo motors on redesigned high-speed bag pusher and bag turner
- Use of elevator counter-weight
- Quicker pallet changeover

Exceptional performance thanks to additional servo motors

- Better control of the bag and more accurate positioning
- Improved pallet quality

Intuitive and easy to operate

Operations are now more intuitive, and operator training has been significantly improved with the **AP-440's** new, user-friendly multi-language HMI. Bag changeover is achieved in less than a minute, with two clicks on the HMI screen.

From installation to production in less than a week

All main modules of the **AP-440** were designed to reduce the number of steps required for installation, resulting in a 50% decrease in installation and commissioning time that can now be completed within a single week.



Easy to operate

- Operations and Maintenance handled on the HMI
- English, French and Spanish languages available at all time
- "Two-Clicks" Bag changeover

Low maintenance

- More servo motors for increased accuracy and reliability thus less captors
- Quiet noise level and smooth operation

Meets OSHA and CE safety requirements

Options

- Bag lateral shifting device
- Additional bag pusher
- Bag preparation systems (bag flatteners, square tube conveyors, etc.)
- Bag quality control systems (checkweighers, metal detection systems, product leak detection systems, etc.)
- Production Data Management System
- Bag accumulation and rejection systems
- Printer / Labeller
- Sheet dispensers, etc.

Production rate

Up to **40 bpm***

*Depending on bag characteristics, pallet height, layout configuration, etc.

Specifications

Typical equipment dimensions*:	Length: 414" (10515 mm) Width: 243" (6159 mm) Height: 145" to 193" (3683 to 4902 mm)*
Empty pallet size:	40" X 48" (1000 X 1200 mm) standard Other sizes available
Layer pattern size**:	37" X 37" to 54" X 54" standard (940 X 940 mm to 1370 X 1370 mm)
Pallet magazine capacity:	Approx. 90" (2285 mm) high stack or 900 lb (410 kg)
Load capacity***:	600 lb (275 kg) per layer / 4400 lb (1995 kg) (Optional)
Electrical requirements:	460 V / 3 Ph / 60 Hz (Other voltages available)
Ambient temperature:	40°F to 95°F (5°C to 35°C)

* Height varies depending on pallet load height

** Other sizes available

*** Heavy-duty version available for heavier pallets



Premier Tech World Headquarters

Premier Tech Chronos
1, avenue Premier
Campus Premier Tech
Rivière-du-Loup (Québec)
G5R 6C1 CANADA

☎ 1 418 868-8324

☎ Toll-free (USA/CAN) : 1 866 274-1287

Regional Offices and Manufacturing Plants in America

1881 West North Temple
Salt Lake City, UT 84116
United States

3101 Hayneville Rd
Montgomery, AL 36108
United States

35, boulevard Industriel, C.P. 5617
Caraquet, NB E1W 1A9
Canada

Avenida José Alves de Oliveira, 710
Jundiaí - SP
Brazil

