



PANINI

ENGLISH 

**INTEGRATED
DESIGN**



CAGE LOADERS

**COMPLETE SOLUTIONS FOR
BATCH RETORT STERILIZATION**

CMN

MANUAL CAGE LOADER



Basic cage loader for small production facilities requiring limited investment. A hydraulic jack lifts the layer to waist-height. The operator manually picks from the line and loads the cage without bending, avoiding repetitive fatigue and increasing work speed. Compared to jumble-stacking, ordered-loading increases cage capacity by about 20%.

- Up to 1 layer per minute with 1 trained operator
- Manual separator placement and manual layer formation
- One model suitable for any container type

CSA

SEMI-AUTOMATIC MONOBLOCK CAGE LOADER



Semi-automatic cage loader designed to balance speed and cost, suitable for most small-to-medium production lines. The operator is assisted by several devices that increase loading speed and reduce repetitive-movement fatigue. The operator manually inserts/removes the cages, places the separators, adjusts any toppled cans and actuates the push-buttons. The conveyor belts form the layer and sweep the layer onto the cage.

- Up to 2 layers per minute with 1 trained operator
- Manual separator placement
- Automatic layer formation, with operator spot correction
- Only for regular cylindrical containers, suitable for sweep-loading

CSM

SEMI-AUTOMATIC MODULAR CAGE LOADER



Advanced semi-automatic cage loader, configurable with modules for various container types and degrees of automation. Allows higher speeds with a single operator. Available modules include container arrangement (active); layer transfer (sweep, magnetic or vacuum head), automatic separator pick/place; automatic cage insertion/removal.

- 2 to 4 layers per minute with 1 operator, based on modules
- Automatic layer formation
- Various degrees of automation available
- Modules available to adapt loader to any container format

CAM

AUTOMATIC CAGE LOADER



Automatic cage loader for high-speed lines without operators. Features active container arrangement, choice of layer transfer by sweep, magnetic or vacuum head, automatic separator pick/place and automatic cage insertion/removal.

- 4 layers per minute without operator
- Models chosen according to container format
- To complete with automatic cage transfer systems and shuttles for loading/unloading the retort