

CANNON EQUIPMENT DAIRY SYSTEMS

80/120 GALLON CART LOADER



* Designed specifically for 80 gallon or 120 gallon Cannon Equipment Milk Bossy carts

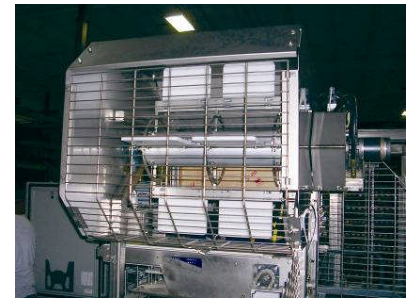
80/120 GALLON CART LOADER SPECIFICATIONS

Achieve greater labor savings in handling carts with automatic loaders and increase your overall distribution efficiency.

- Save labor through automation, reduce the occurrence of repetitive motion injuries, and limit your exposure to workers' compensation claims
- Reduce the frequency with which individual containers are handled and reduce product damage
- Maintain production efficiency with a proven design that provides a steady flow of product while operators rotate carts in and out of the loading station
- Increase longevity with corrosion resistant stainless steel construction

GENERAL OPERATION

- Loader is designed for either 80 gallon or 120 gallon, 5-shelf Cannon Equipment Milk Bully carts
- Single infeed product conveyor
- Rotary pusher pushes 4 bottles at a time onto a mattop conveyor
- The mattop conveyor starts and stops at push time to minimize back pressure bulging of bottles.
- Cart shelf reader automatically adjusts the cart shelf position for loading
- Main pusher station with a constant speed hydraulic cylinder. Loads the product directly onto the cart shelves.
- Loaded cart pusher ejects the loaded Milk Bully
- Allen-Bradley programmable controller capable of automatic or manual operations
- Pannelview 1000 message display for all operator functions including cart counts and speed
- Loads plastic gallon bottles with the option of a half-gallon kit
- Tipped bottle paddles located on infeed conveyor to detect tipped bottles which stops the conveyor allowing operator intervention.



90° Product Pusher

GENERAL CONSTRUCTION

- 8 feet of accumulating infeed conveyor
- 90° product pusher
- Electric infeed conveyor drive with table top chain sprockets capable of powering up to 20 feet of product infeed conveyor. D880 Table Top sprockets are standard, D-1 sprockets are available.
- Large, easy to operate push button controls are located for ease of operator access. Cycle Start, Power On, Reset and E-Stop controls are located on the operator panel.
- The remote push button e-stop stations and junction boxes are non-metallic NEMA 4X.
- The push buttons, limit switches and other control devices are NEMA 4.



Panel View

POWER REQUIREMENTS

- **Electric:** 460V AC, 30amp
- **Hydraulic:** 8 GPM @ 900 PSI, #12 SAE shut off valve with lockout
- **Pneumatic:** 1.3 CFM @ 100 PSI, 3/8 NPT inlet, lockout and filter/regulator/lubricator

OPTIONS

- Operating Speed
 - 80 gallon carts: 90 plastic gallons/minute, 95 plastic half gallons/minute
 - 120 gallon carts: 110 plastic gallons/minute, 125 plastic half gallons/minute

Materials and specifications are subject to change without notice



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