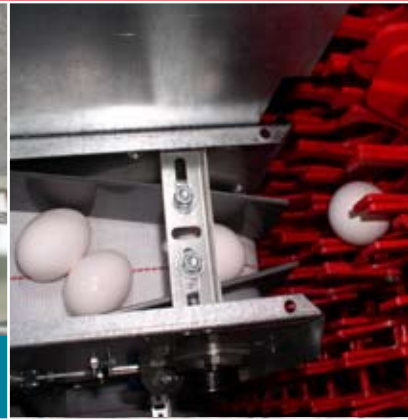


# Modular Manure Belt Cage System



## Cages That Set The Standard

*Innovative Cage Door Latch*

Chore-Time's Modular Manure Belt Cage System offers egg producers the outstanding production performance they expect from Chore-Time, plus greater shipping simplicity, easier assembly and repair, and improved egg roll-out – all in an economical cage system that meets current bird space standards.

### STURDY CONSTRUCTION

Chore-Time cages are quality-built in North America. Solid construction and heavy-duty materials combine with our innovative design for years of superior performance.

### COMPOSITE MESH FLOOR

A composite mesh floor helps lower mortality by using a tighter mesh spacing where birds stand, coupled with a more open spacing in other sections of the floor.

### CAGE DOOR LATCH

Chore-Time's metal door latch offers true one-handed operation. Its positive lock means chickens don't get out.

### OTHER CAGE FEATURES

- Cages are available in 3-high to 12-high models in cage rows up to 520 feet (160 meters) long; walkways and/or step rails are easily integrated.

- Dual floor slope improves egg roll-out, and distance from cage to egg tray helps protect eggs from bird damage.
- Modular design features individual cages instead of eight-foot (2.4-meter) cage sections – makes cage replacement and manure belt access easier.
- Easy assembly features innovative interlocking parts, and requires fewer rings.
- Full-front horizontal cage door provides easier, more comfortable access to feed and to the cage interior.
- For even greater durability, cages and structural components are manufactured using all galvanized steel construction and Galfan® cage floors.
- Flexible cage floor has tighter mesh spacing in bird standing area and is better for birds' feet.
- Mesh partitions improve ventilation.
- Floor support is simple solid rod construction. Does not require constant end-row tension.
- System is covered by Chore-Time's generous cage warranty and solid backing. (See Chore-Time's written warranty for complete details.)



## Gentle Egg Collection with Accurate Counting

Chore-Time's ULTRA-LIFT® XL Egg Collection System is the ideal system to insure a safe trip for the egg all the way from the hen to the cross conveyor.

### ULTRA-LIFT® XL Features

- Each cage row has its own set of egg-handling baskets.
- No timing devices are needed.
- Eggs are handled individually for minimal egg-to-egg contact.
- Discharge heights are variable.
- Requires less space at the end of the cage row than other collectors.
- Eggs are transferred to cross conveyor by

gravity and a unique rotation of the baskets.

- Slack belt switch automatically maintains proper egg belt tension and prevents system failure.
- Proven egg counting system is accurate to within 0.5%.

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# Chore-Time Modular Manure Belt Cage System Specifications For 3-High to 12-High Systems

Sample 5-High Modular Manure Belt Cage with Air Drying	Overall Row Width	Cage Depth	Cage Width	Floor Area	Birds per Cage	Bird Space	
						in <sup>2</sup>	cm <sup>2</sup>
	56.64 inches 143.9 cm with Air Tube	20.00 inches 50.8 cm	24 inches 61 cm	480.00 in <sup>2</sup> 3097 cm <sup>2</sup>	6	80.0	516.1
					7	68.6	442.4
					8	60.0	387.1
	61.72 inches 156.8 cm with Air Tube	22.34 inches 56.7 cm		536.16 in <sup>2</sup> 3459 cm <sup>2</sup>	7	76.6	494.2
					8	67.0	432.4
	56.64 inches 143.9 cm without Air Tube	25.34 inches 64.4 cm		608.16 in <sup>2</sup> 3924 cm <sup>2</sup>	9	59.6	384.3
	67.72 inches 172.0 cm with Air Tube				8	76.0	490.3
	62.64 inches 159.1 cm without Air Tube				9	67.6	436.0
					10	60.8	392.4

## Superior Manure Handling and Drying

Chore-Time's Manure Belt System is self-cleaning and offers exceptionally good tracking for years of smooth operation and extremely manageable manure. An optional air drying system is also available.

### CHORE-TIME MANURE BELT DRIVE SYSTEM

- Each tier has a separate drive unit with its own motor and can be operated independently of the others as needed.
- Modular construction makes Chore-Time's system easier to install. Plus, parts are interchangeable between tiers.
- Rubber-coated drive roller is coupled with steel

pressure rollers – a combination that allows reliable belt operation on cage row lengths up to 520 feet (160 meters).

- Pressure roller scrapers keep rollers clean for better tracking and improved pull of the manure belt.
- Plastic belt scraper cleans belt without cutting or damaging it. Each tier's belt can be cleaned easily and individually.
- Uses the same proven Chore-Time gearheads and motors used in Chore-Time feeders and egg collectors.
- Drive mechanism is designed to protect critical parts from damage should a problem occur.



*Optional air tube is the biggest in the industry and includes integrated drinker catch tray. The big air tube with large holes results in more total air volume across the belt for drier manure and more even air distribution for the hens during minimum ventilation.*



### OPTIONAL MANURE DRYING SYSTEM FEATURES

- Optional supplemental air tube is the largest available in the industry today.
- Helps reduce ammonia emissions.
- Exhaust air is low in dust content.

- Modular components offer design and output flexibility.
- Fully automatic system handles air capacities from 4,700 to 8,800 CFM (8,000 to 15,000 M<sup>3</sup> per hour).
- Made of the highest quality materials for long life.



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