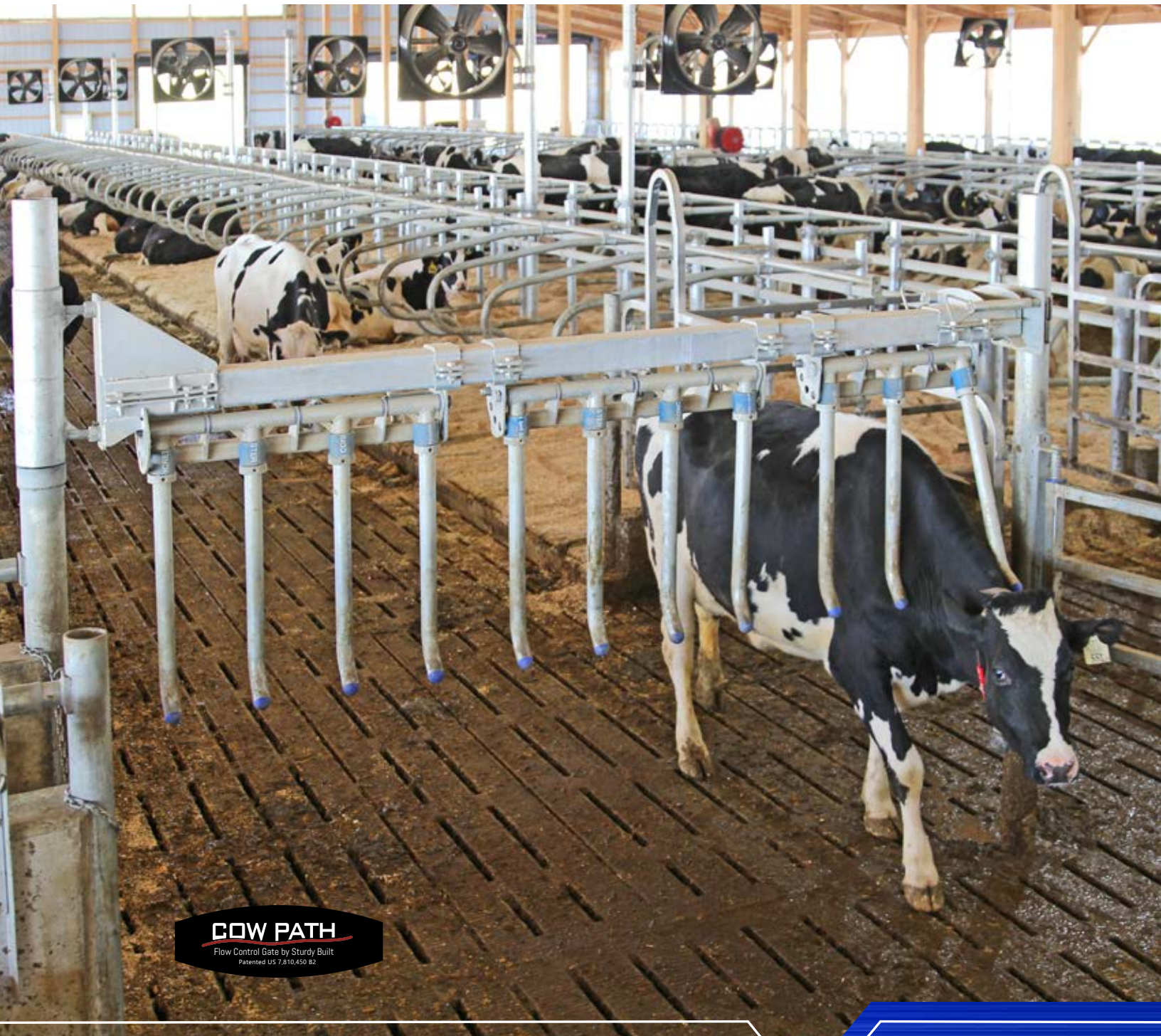




Advanced Cow Management for Robotic Milking



Efficient and Safe
Flow Control for Production

Robotics



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Raise the standard high!

Proper flow control and cow comfort are critical factors for higher milk production and quality, especially in today's Automated Milking Facilities.

Sturdy Built offers a full line of cow flow solutions that will improve the efficiency and functionality of your Robotic Milking Facility. Browse these pages for a closer look. Feel free to contact us; we are here to assist you!



One-Way Flow Control Gates

Increase Flow Efficiency and Cow Comfort in Robotic Milking



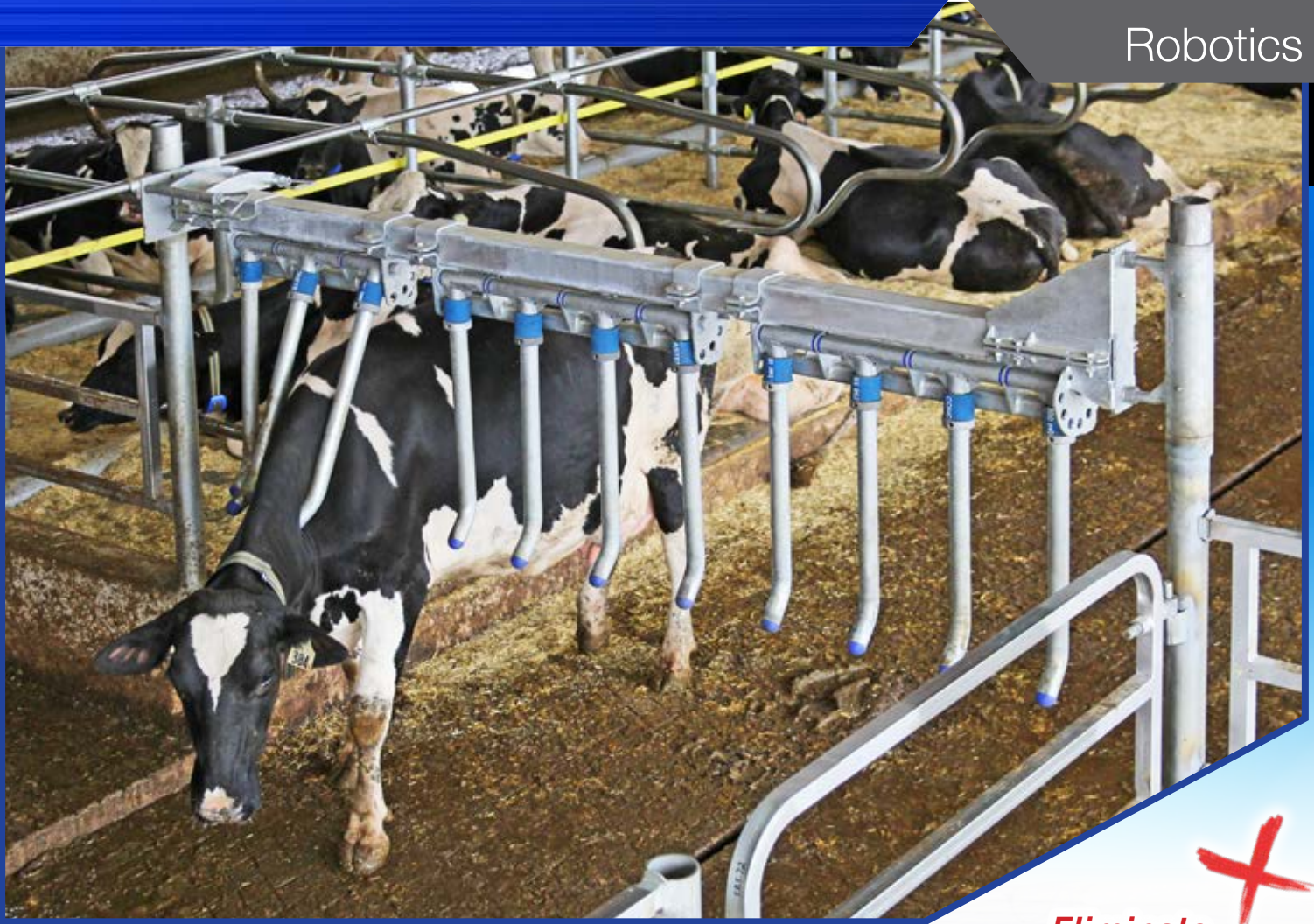
- Curved, vertical fingers signal cows to naturally lower their heads in passage
- No horizontal bars to convey a restricted appearance to cows
- Boss cows cannot block flow with the vertical fingers spanning entire alleyway

Gallery of One-Way Flow Control Gates

COW PATH
Flow Control Gate by **Sturdy Built**
Patented US 7,810,450 B2



Sturdy Built
Manufacturing, LLC



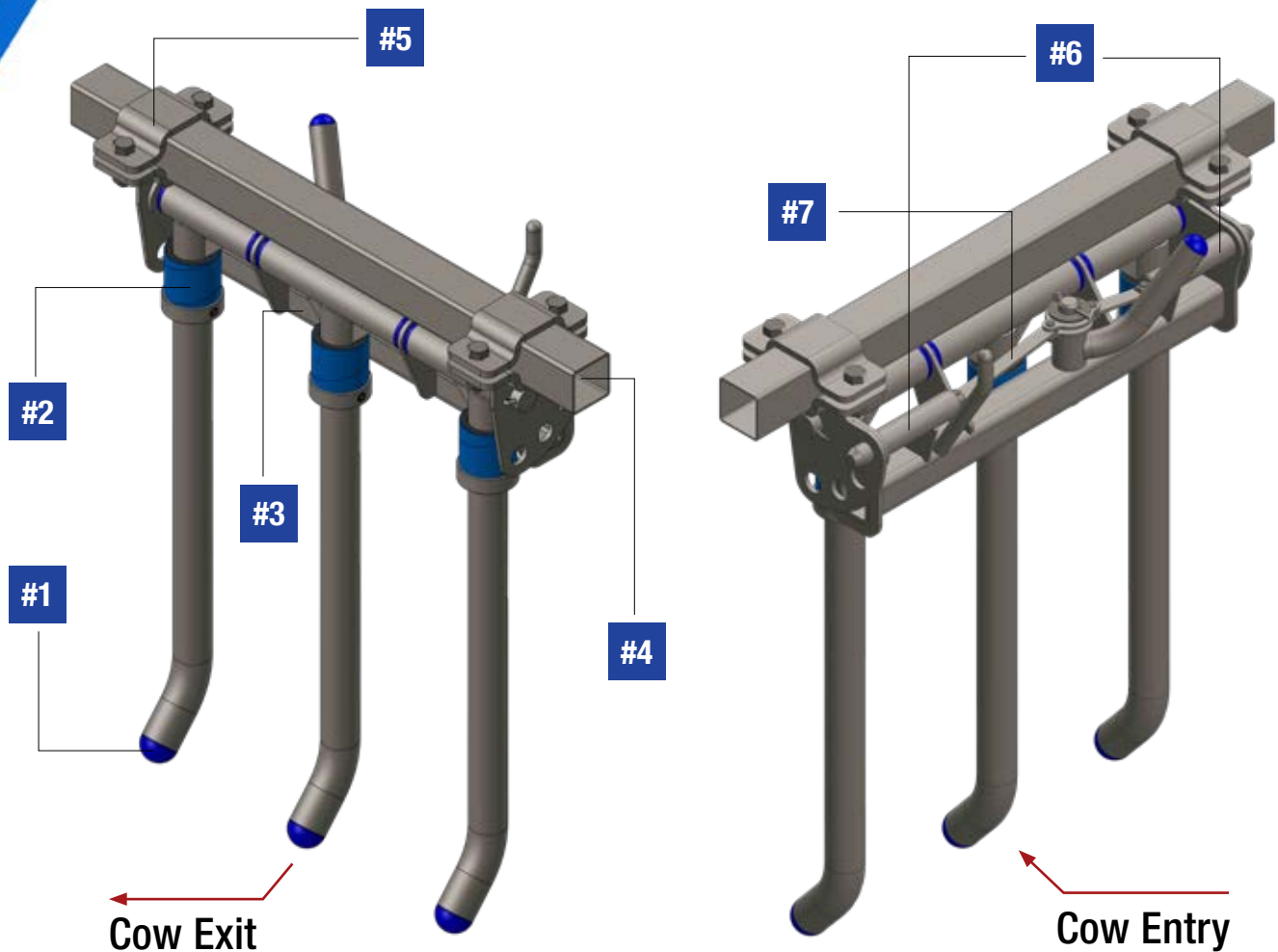
*Eliminate
Reverse Cow
Traffic Flow!*



COW PATH

Flow Control Gate by **Sturdy Built**

Patented US 7,810,450 B2



- 1** - Curved gate fingers with poly cushion provide greater cow safety
- 2** - Padded, noise-reducing gate fingers
- 3** - Gate fingers rest securely in down position, restricting reverse cow flow
- 4** - Square horizontal beam provides exceptional weight support and stability

- 5** - Clamp-on unit allows rigid mounting and field adjustment
- 6** - Convenient, double spring bolt latch design to rotate fingers to various positions for training, open access, or everyday operation
- 7** - Heavy-duty linkage for responsive control



Wide Open Access - Rapidly position a section or all gate fingers completely up out of way



Cow Training Mode
Fingers tipped partially forward



Rugged Frame Construction
Consistent, reliable operation



Stationary Mount



NEW
ADJUSTABLE
WIDTH

COW PATH
Flow Control Gate by **Sturdy Built**
Patented US 7,810,450 B2

Sturdy Built Stationary One-Way Flow Control Gates feature convenient telescopic inserts that slide securely inside the main beam assembly. This solid design allows for width adjustment and on-site installation flexibility. Mount with your choice of weld-on, clamp-on or bolt-on hardware.



Weld-on, Clamp-on or
Bolt-on Hardware

Hinging Mount



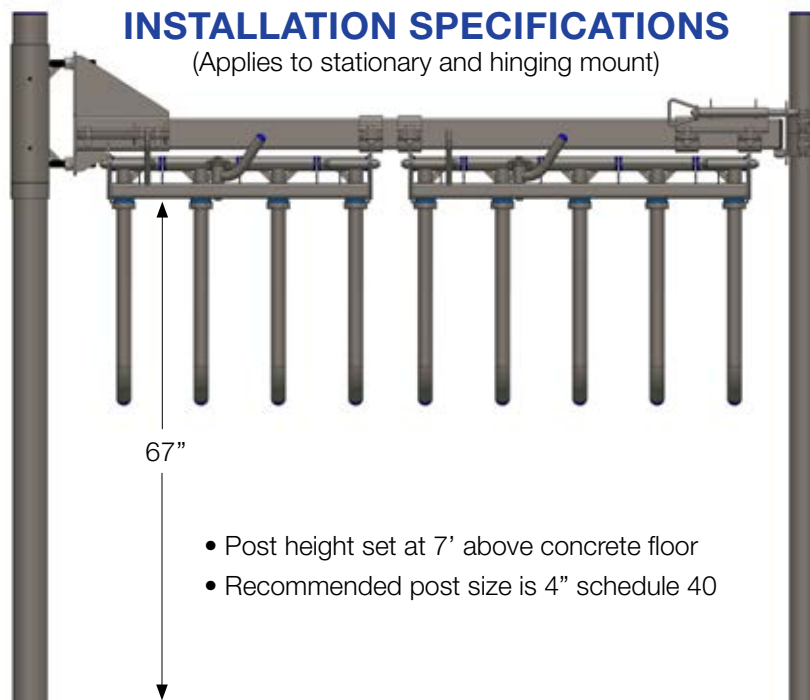
Hinging Flow Control gate rotated on post allowing loader access for alleyway scraping



Swinging Flow Control Gate back into position

INSTALLATION SPECIFICATIONS

(Applies to stationary and hinging mount)



Adjustable Hinges - Precise installation with easy maintenance

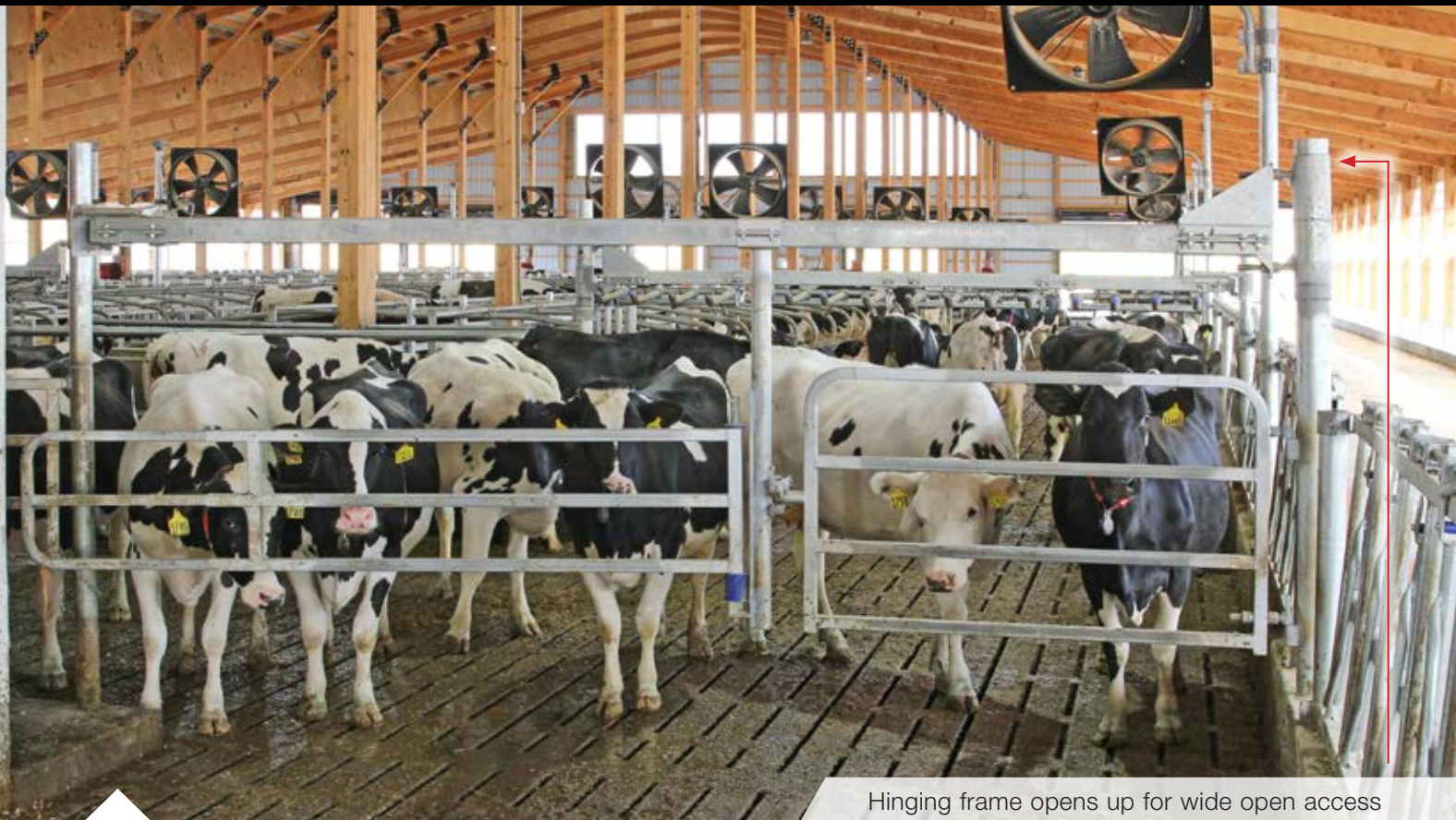


Double Spring Bolt Latch Design

Hinging One-Way Flow Control Gates are the solution for scrape alleys and areas where equipment access is necessary. The high-strength lubricated hinge point allows for one person to swing the gate. The double spring bolt latch assembly is rigid and quick to operate. Mount with your choice of weld-on, clamp-on or bolt-on hardware.



Telescopic Horizontal Flow Control Gates



Hinging frame opens up for wide open access



The above gate performs an essential role in robotic milker facilities. The large frame pivots on the hinging post, allowing wide open access for any large equipment. The heavy-duty hinge assembly carries the weight in large openings evenly. Inside the large frame is our popular 2-way entrance gate which allows cows to enter the robot from either pen. The standard interior gate in the opposite end allows workers to pass through easily and to lock it securely with the self-latching 2-way latch.

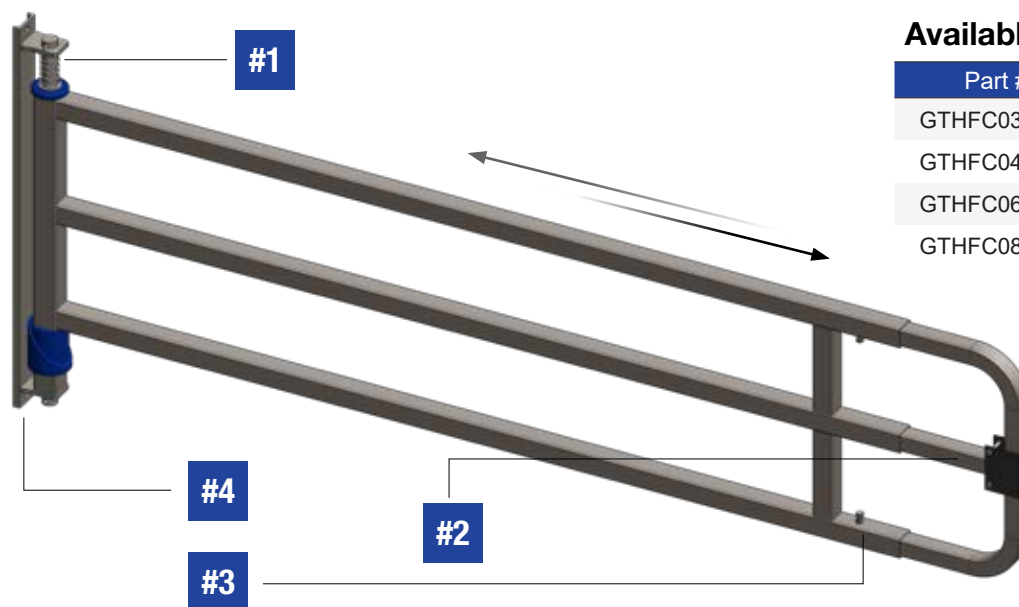


Horizontal Flow Control Gate in Parlor Exit Lane



Features

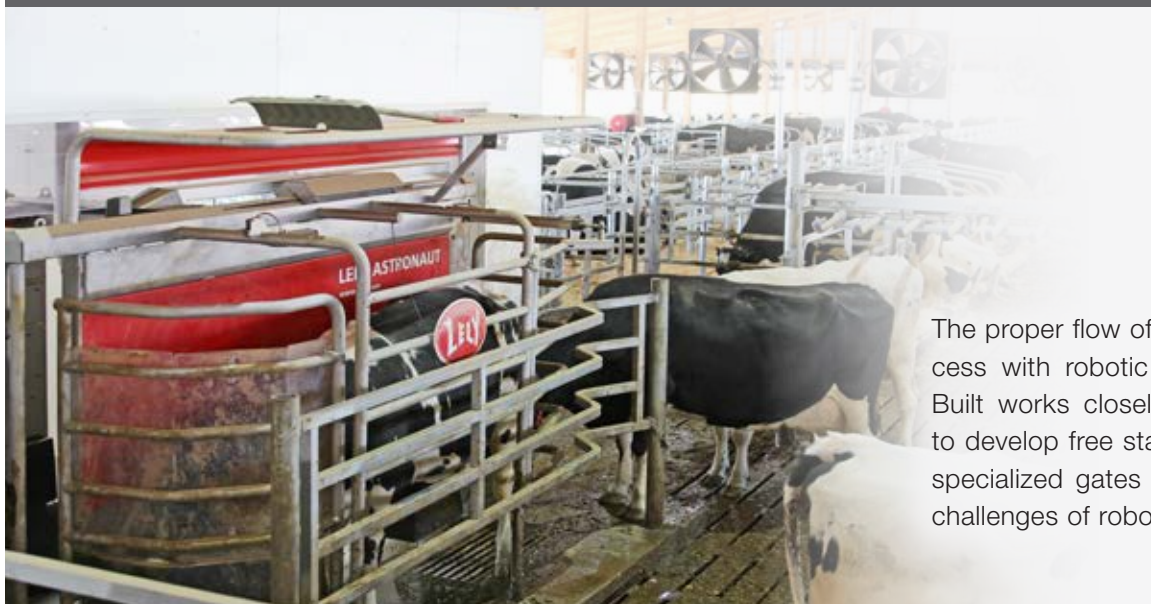
- 1 - Compact, spring-loaded poly hinging design allows gate to swing both directions
- 2 - Rubber bumper reduces noise during daily use
- 3 - Set screws allow for fast onsite length adjustment
- 4 - Weld-on or bolt-on hinging mounting channel



Available in these Sizes

Part #	Length
GTHFC030042	30" to 42"
GTHFC042060	42" to 60"
GTHFC060084	60" to 84"
GTHFC084108	84" to 108"

Custom Fencing & Gating for Various Robotic Layouts



The proper flow of cows is essential to success with robotic milking systems. Sturdy Built works closely with the dairy industry to develop free stalls, feeding systems, and specialized gates designed for the specific challenges of robotic milking systems.

Pneumatic Sorting Gates



Built to fit various parlor and robotic layouts, Sturdy Built's economical, pneumatically-operated sorting gates allow cows to be sorted into multiple pens. Contact us today for assistance in determining the best design for your operation.



Galvanized construction. Posts feature stainless steel rust protection at floor level.



Suspended Sorting Gate over Scrape Alley

This suspended sorting gate is built right into a hinging framework. The entire assembly swings out of the scrape alley readily when equipment access is required. Custom built to fit any robotic layout and opening measurements.



Telescopic Sorting Gates



In-Stock Item!

- 1** - 36" O.C. adjustable hinge pins allow for additional adjustment and are compatible with clamp-on, weld-on, or bolt-on male hinges
- 2** - Rubber bumper reduces noise during daily use
- 3** - Set screws allow for fast onsite length adjustment

- 3-Bar (20.75" high)
- Pneumatic cylinder included in kit

For Various Robotic Milker Stations



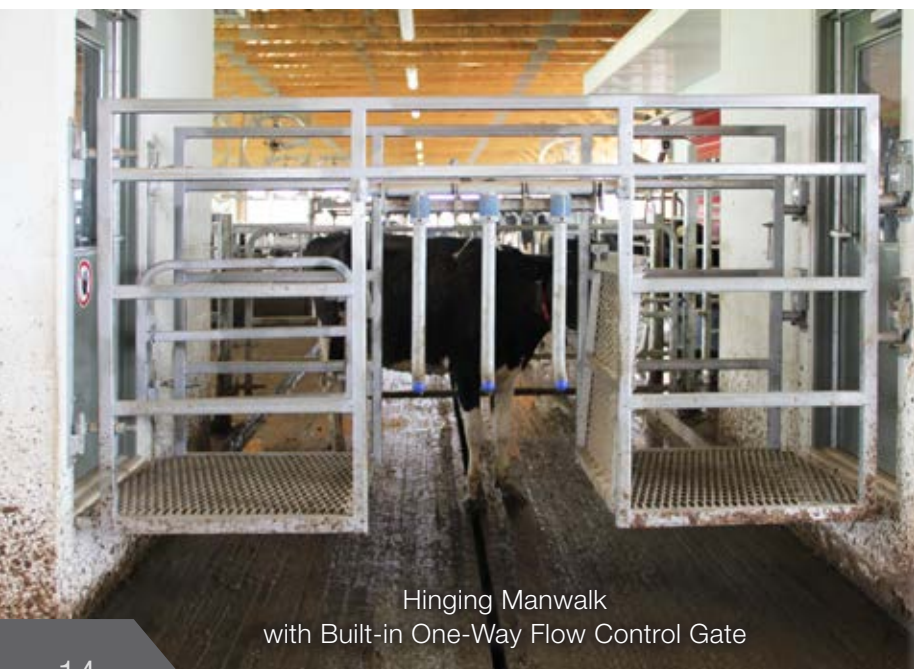
Available in these Sizes

Part #	Length
GTS040060	40" to 60"
GTS060084	60" to 84"

Clean Access Man Walks



Hinging gate with folding deck allows the manwalk to swing aside for scraping and to allow equipment access



Hinging Manwalk with Built-in One-Way Flow Control Gate

Personnel access made convenient!



Scissors Gates

- Hinge design allows gate to rotate on post, providing wider openings
- Lift-assist gas springs with dust guard
- Integrated latch locks the gate in closed position



Handily open and close



Closed position





See all of our Equipment Guides for more Sturdy Built Galvanized Dairy Solutions!

Calf Nurseries • Curtain Systems • Feed Bunk • Free Stalls • Gates & Fencing • Headgates & Chutes • Robotics • Tie Stalls



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