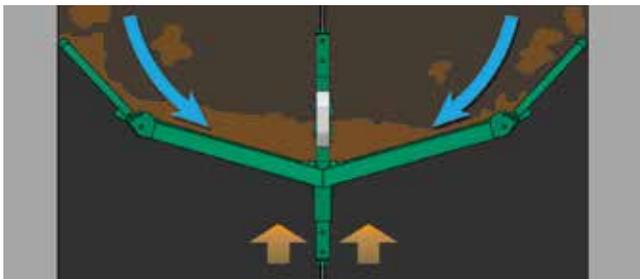


16° and straight scraper

GEA scrapers are robust and high-performing, equipped with adjustable steel or urethane wear blades suitable for all types of flooring. They can also be adapted to operate with or without a guiding groove.

16° Scraper

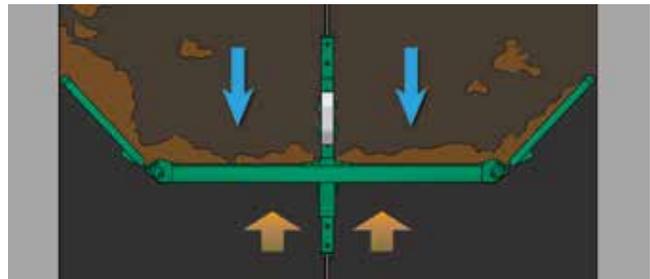
The 16° scraper is angled to direct manure towards the center where the draw bar pull is applied. This stabilizes the scraper stroke and prevents system components from being subjected to excessive stress.



On the return stroke of the scraper, toggling blades pivot upwards to avoid bringing the manure back to the starting point. The ends fold towards the inside of the alley to leave sufficient space alongside the rest area and to avoid disturbing the cows.

Straight Scraper

The straight scraper requires less corner wheel set-back than the 16° scraper, making it the best option for installations with limited space at the drop point. It is designed for alleys with a guiding groove.

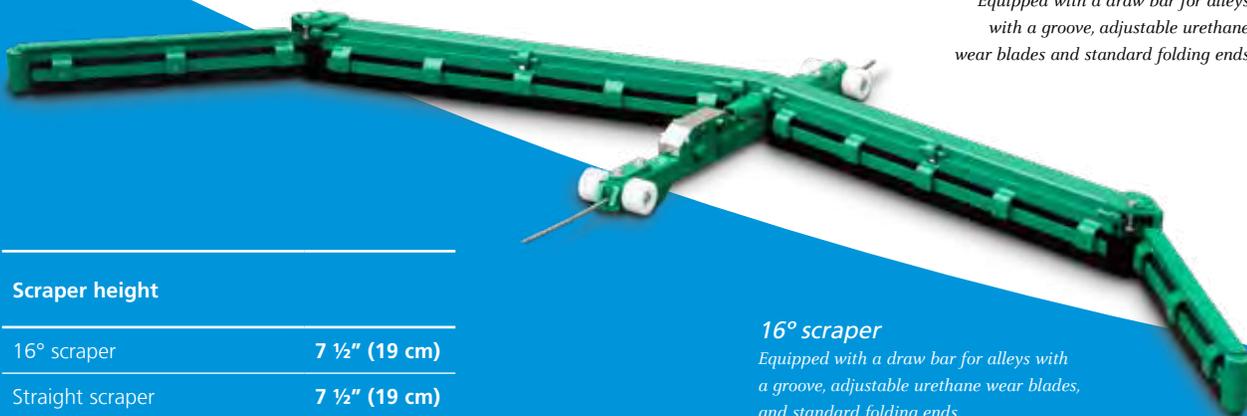


The draw bar rides in the groove for stable scraper operation even in the event the manure load is not distributed equally on each side of the scraper.



Straight scraper

Equipped with a draw bar for alleys with a groove, adjustable urethane wear blades and standard folding ends



16° scraper

Equipped with a draw bar for alleys with a groove, adjustable urethane wear blades, and standard folding ends

Scraper height

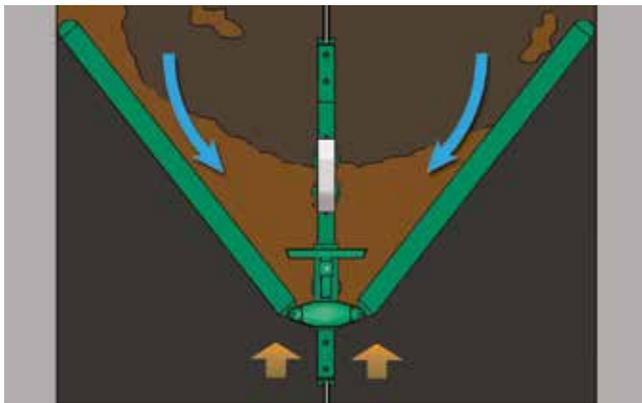
16° scraper 7 ½" (19 cm)

Straight scraper 7 ½" (19 cm)

V-shape scraper

V-Shape Scraper

The V-shape scraper has a heavy-duty blade to provide additional down force and more effectively scrape alleys where the manure dries quickly. Also, the design allows it to fit variable-width and offset alleys.

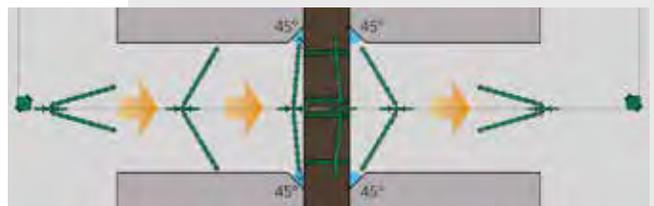
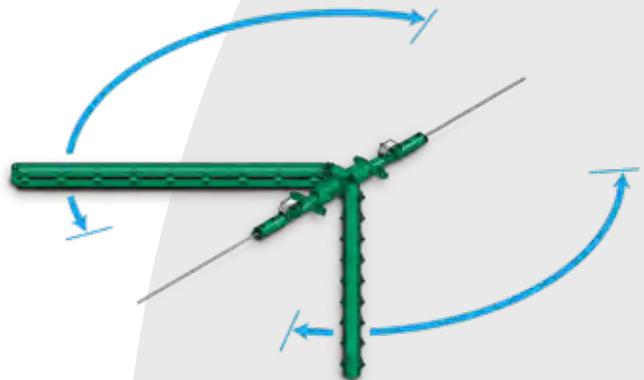


Available heights

V-shape and Bidirectional V-shape scrapers	6" (15.2 cm)	8" (20.3 cm)
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Bidirectional V-Shape Scraper

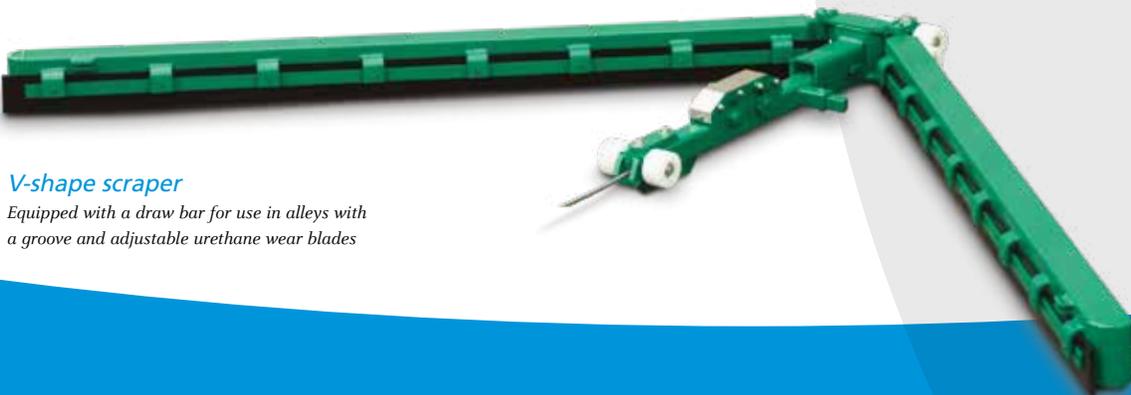
The bidirectional V-shape scraper is designed for use as a single scraper per alley in barns with a center drop. To allow full extension of the scraper, the alley must be grooved and must have corners cut at 45° at the intersection of the alley and the drop point.



During the forward stroke, the scraper opens to clean the first half of the alley. With corners cut at 45°, the scraper extends fully and carries out its return stroke in the second half of the alley. The scraper proceeds the same way when carrying out its reverse stroke.

V-shape scraper

Equipped with a draw bar for use in alleys with a groove and adjustable urethane wear blades



Keep your alleys drier for the well-being of the herd

A slight slope towards the center of the manure alley allows excess liquid and material to naturally drain inside of a deeper groove or a channel underneath the manure alley. Material is pushed towards the cross gutter as the scraper is cleaning the alley.

Deep Groove Scraper

The deep groove scraper consists of a draw bar equipped with an integrated toggling steel blade to direct excess liquid and push solids contained in the groove towards the cross gutter. This draw bar is specially designed for grooves with a depth of 4" to 10" (10.2 to 25.4 cm) and is available on the 16°, straight and V-shape scraper models.

- **A cleaner and healthier herd** — this system eliminates liquid accumulation in the alleys faster and keeps the cow hooves drier.
- **Affordable** — this scraper partially offers the same advantages as the under floor channel scraper, without having to install a channel underneath the cleaning alley.

Under Floor Channel Scraper

The raised design of the draw bar allows liquid manure to drain into a channel installed underneath the manure alley and keep the cow hooves drier. During the cleaning stroke of the scraper, material contained in the channel is pushed towards the cross gutter by the integrated stainless steel paddle at the same time as the scraper is collecting manure in the alley. This draw bar is available on the 16°, straight and V-shape scraper models.

- **Adaptable** — the channel can be made of circular or rectangular concrete or PVC pipe. The paddle can be configured according to the shape and dimensions of the channel and be installed in front or at the back of the draw bar.



Tube Scraper System

This system is designed to direct as much manure as possible into a prefabricated concrete form installed underneath the free stall alley. With each cleaning stroke, the paddle directs manure from the previous stroke towards the cross gutter.

- **A cleaner and healthier herd** — this system removes a maximum amount of manure and liquid in order to keep the cow hooves drier.
- **Efficient design** — the V-shape scraper allows manure to be directed towards the center of the alley. A serrated wheel at the rear of the scraper pushes the material inside the tube, keeping the groove free from any obstruction.
- **Heavy-duty scraper** — available with two arm lengths, suitable for alley widths between 96" and 132" (244 and 335 cm), or between 133" and 168" (338 and 427 cm).
- **Quick installation** — thanks to the use of prefabricated concrete forms.
- **Installed with steel cable only.**

Serrated wheel at the rear of the scraper

