Troxel Product Ambassador Mel Hitchcock wearing the Spirit Black Duratec™
Established in 1898, Troxel is recognized for its innovative design and physician-developed helmet research leadership. With over four million helmets in the market and a safety record that is second to none, Troxel is the world’s leading provider of ASTM/SEI certified equestrian helmets.

**TROXEL’S HISTORY OF INNOVATIONS**

- First to introduce an ASTM-approved equestrian helmet in 1992
- First to develop ventilated, lightweight, certified schooling and show helmets
- First to introduce all trails/western style certified helmets
- First to introduce an equestrian helmet fit system
- First to introduce a patented FlipFold™ integrated shim headliner
- First to introduce an equestrian helmet accident replacement program
- First to introduce leather covered western helmets
- First to offer removable and washable headliners
- First to introduce advanced materials including rubberized paint coverings and carbon-fiber

*Look for Troxel’s next advancement in equestrian helmet technology in late 2020*
HEAT SMART FACTS:

HOW OFTEN HORSE-RELATED INJURIES HAPPEN

- About 70,000 people go to the emergency room each year for equestrian-related injuries. About 12,000 of those people have suffered head injuries.
- Horseback riders have the same number of injury accidents per riding hour as motorcycle riders.

WHO GETS INJURED?

- All riding disciplines have a significant rate of head injuries. Head injuries are the most common reason for equestrian-related hospitalization and fatal injuries.
- Unpredictable riding events — a horse spooking, bucking, or bolting — account for most head injuries, but 20% happen during non-riding activities or as a bystander.
- The risk of injury is tied to cumulative riding time, not level of expertise.
- Taking it slow isn’t the answer, either: Severity of the injury is most closely influenced by your distance above the ground. A fall from only 2 feet high can cause permanent brain damage.

HOW HELMETS PROTECT YOU

- When you take a fall, a certified helmet absorbs energy by crushing and extending your head's stopping time to reduce the peak impact on the brain significantly.
- Helmets are built to compress and fracture on serious impact. A broken helmet is not a sign of a faulty one — in fact, it may crush or crack as it absorbs the energy that could otherwise cause you serious injury.

HOW OFTEN SHOULD HELMETS BE REPLACED?

- All Troxel helmets involved in an accident should be replaced immediately. They are only designed for one impact event.
- Due to evolving standards, technologies and the potential for unforeseen material deterioration, it is recommended that a helmet be replaced at least every five years from the date of purchase. Those who ride more often should replace their helmet more often.

“‘My mom asked me to start wearing a helmet after years of not riding with one. I happily obliged. Thank God I did. Not even six months later my horse went down around the third barrel. He rolled down almost over me as my head slammed into the ground. From there he got up, panicked and started running home. Unlucky for me my foot was pinned against my saddle in my stirrup and I was dragged roughly 250 feet.

I was kicked in the head about six times. My helmet only had a slight crack. When the medic got to me he flat out said had I not had my helmet on, he probably wouldn’t be talking to me. Now I refuse to ride without one. It was a freak accident and showed me you never know when it’ll happen.”

Troxel User
Alex Hall
The #1 riding helmet is better than ever! The Spirit offers a deeper full coverage fit for incredible comfort and security. Riders love its low profile design and DialFit™ technology that work together to create the most comfortable fit for a variety of head shapes. The XS size fits great on young riders with its drop back design that increases helmet stability.

TECHNOLOGIES

FINISH: Gloss / Matte Duratec™

FIT SYSTEM: DialFit™

HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

VENTILATION: Mesh covered vents

CERTIFICATION: ASTM/SEI-certified

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Size chart is a guide only. Head shapes can be unique, changing what size is needed.
Fun, fashionable graphics and colors make the Spirit a great option for riders looking to match their horse’s gear or boldly show off their sense of style. The Spirit offers a deeper full coverage fit for incredible comfort and security. The XS size fits great on young riders with its deeper drop back design and DialFit™ technology.

**TECHNOLOGIES**

**FINISH:** Gloss / Matte Duratec™

**FIT SYSTEM:** DialFit™

**HEADLINER:**
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

**VENTILATION:** Mesh covered vents

**CERTIFICATION:** ASTM/SEI-certified

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Size chart is a guide only. Head shapes can be unique, changing what size is needed.

TROXELHELMETS.COM | 7
Ultralight, low profile helmet with large vents providing superior airflow for a cooler, more comfortable ride. With a DialFit™ comfort system and removable and washable headliner with FlipFold™ shims for personalized comfort, the Liberty is a great option for all types of riding disciplines.

TECHNOLOGIES

FINISH: Gloss / Matte Duratec™

FIT SYSTEM: DialFit™

HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

VENTILATION: Mesh covered vents

CERTIFICATION: ASTM/SEI-certified

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Size chart is a guide only. Head shapes can be unique, changing what size is needed.
Ultralight, low profile design created for active riders. The self-adjusting SureFit™ Pro adjusts to the size and shape of the rider’s head for an unmatched level of comfort during long hours in the saddle.

The geometric visor shape and vent pattern lines create a sleek silhouette for a flattering, eye appealing look.

TECHNOLOGIES

FINISH: Matte Duratec™

FIT SYSTEM: SureFit™ Pro

HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

VENTILATION: Mesh covered vents

CERTIFICATION: ASTM/SEI-certified

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LEGACY
A classic schooling helmet for all riders featuring a hunt cap style, low profile silhouette and the popular DialFit™ comfort system. The small size offers an excellent child’s fit while the medium and large sizes accommodate teens and adults.

TECHNOLOGIES

FINISH: Gloss

FIT SYSTEM: DialFit™

HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment

VENTILATION: Multiple vents

CERTIFICATION: ASTM/SEI-certified

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Size chart is a guide only. Head shape can be unique, changing what size is needed. L available in Smoke Antiquus only.

LEGACY

NEW LIMITED EDITION

LAVENDER MYSTICAL HORSE
04-138

PINK ANTIQUUS
04-125

SMOKE ANTIQUUS
04-120

PINK UNICORN
04-135

TROXELHELMETS.COM | 13
The pioneer in lightweight, all purpose, vented riding helmets, the Sport remains one of the most trusted helmets on the market. With a large size range and a very well ventilated design, the Sport remains a very popular all-purpose style option for the price conscious consumer.

TECHNOLOGIES

FINISH: Gloss
FIT SYSTEM: Pad inserts
HEADLINER: Removable and washable
VENTILATION: Multiple vents
CERTIFICATION: ASTM/SEI-certified

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CAPRIOLE
Newly redesigned low profile and full coverage helmet with a rich black velveteen finish. The new deeper fit along with the DialFit™ comfort system creates an incredibly secure fit. The Capriole is perfect for everyday riding with its traditional appeal that's always in style.

TECHNOLOGIES
FINISH: Velveteen Flocked
FIT SYSTEM: DialFit™
HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology
VENTILATION: Mesh covered vents
CERTIFICATION: ASTM/SEI-certified

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Size chart is a guide only. Head shapes can be unique, changing what size is needed.
With a newly designed FlexVisor™ and bold metal cooling vents, the Avalon is destined to become a new favorite show helmet option. It’s packed with performance features, a modern low profile design and the latest fit technology. It’s a perfect blend of athletic lines and innovative technology.

TECHNOLOGIES
FINISH: Matte Duratec™
FIT SYSTEM: SureFit™ Elite
HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology
VENTILATION: Mesh & steel covered vents
CERTIFICATION: ASTM/SEI-certified

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High quality materials, latest fit technology and a beautiful low profile lend modern appeal to the ES English riding helmet.

The self-adjusting SureFit™ Elite adjusts to the shape of the rider’s head and adds to the stability of the helmet for a comfortable fit. The amazing value, rich microfiber covering and sleek vent pattern has made the ES a rider favorite.

TECHNOLOGIES

FINISH: Microfiber

FIT SYSTEM: SureFit™ Elite

HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

VENTILATION: Mesh covered cluster vents

CERTIFICATION: ASTM/SEI-certified

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CHEYENNE
The Cheyenne is the epitome of western helmet styling, with a tough yet durable leather finish and intricate stitching. Featuring the SureFit™ comfort system that self adjusts, offering riders a great fit all day long. The Cheyenne delivers protection while embracing true western design.

TECHNOLOGIES

FINISH: Leather

FIT SYSTEM: SureFit™ Pro

HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

VENTILATION: Mesh covered vents

CERTIFICATION: ASTM/SEI-certified

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Size chart is a guide only. Head shapes can be unique, changing what size is needed.
Engineered to withstand the toughest terrain, the Sierra’s nylon and leather covering looks good while protecting the shell from scratches. The comfortable, self-adjusting SureFit™ Pro system and Air-Channel headliner perform flawlessly to provide all day comfort on the trail or in the arena.

TECHNOLOGIES

FINISH: Rugged Nylon & Leather
FIT SYSTEM: SureFit™ Pro
HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

VENTILATION: Mesh covered vents
CERTIFICATION: ASTM/SEI-certified

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Size chart is a guide only. Head shape can be unique; changing what size is needed.
Tan not available in XL.
Hit the trails in style and comfort with the coolest and lightest trail helmet on the market. The Dakota’s extended visor provides extra sun protection while the excellent ventilation and lightweight construction will make a rider forget they are even wearing a helmet.

**TECHNOLOGIES**

**FINISH:** Matte Duratec™

**FIT SYSTEM:** SureFit™ Pro

**HEADLINER:**
- Removable and washable
- FlipFold™ fit adjustment
- Air-Channel technology

**VENTILATION:** Mesh covered vents

**CERTIFICATION:** ASTM/SEI-certified

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A statement maker with bold graphics and full ventilation, the lightweight Rebel is a trend setter’s favorite. The fashionable colors and designs cater to riders who like to match their horse’s gear, by looking great and being comfortably protected.

**TECHNOLOGIES**

**FINISH:** Matte Duratec™

**FIT SYSTEM:** SureFit™ Pro

**HEADLINER:**
- Removable and washable
- FlipFold™ fit adjustment
- Air-Channel technology

**VENTILATION:** Mesh covered vents

**CERTIFICATION:** ASTM/SEI-certified

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Take a ride on the wild side!

Designed with and inspired by World Champion Barrel Racer, Fallon Taylor, this helmet fuses fashionable western graphics with an ultralight low profile design. The Fallon Taylor transforms a helmet from a piece of safety equipment to a fashion statement.

TECHNOLOGIES

FINISH: Matte Duratec™

FIT SYSTEM: DialFit™

HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

VENTILATION: Mesh covered vents

CERTIFICATION: ASTM/SEI-certified

SIZES

Size chart is a guide only. Head shapes can be unique, changing what size is needed.
Fallon Taylor adds her unique flair to this next generation TX helmet. Developed to meet the demands of a world champion, the full coverage fit adds stability, while the athletic-shaped visor increases peripheral vision. On-trend graphics elevate this high-performing helmet with cutting edge style.

TECHNOLOGIES

FINISH: Matte Duratec™

FIT SYSTEM: DialFit™

HEADLINER:
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

VENTILATION: Mesh covered vents

CERTIFICATION: ASTM/SEI-certified

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<td>56-59</td>
<td>7 - 7 1/4</td>
</tr>
<tr>
<td>L</td>
<td>23 1/8&quot; - 24 3/8&quot;</td>
<td>59-62</td>
<td>7 1/4 - 7 3/4</td>
</tr>
</tbody>
</table>

Size chart is a guide only. Head shape can be unique, changing what size is needed.
TX

Troxel Product Ambassador Paul Treas
Inspired by extreme sports, with its sleek athletic lines and deep fit for increased stability and comfort, the TX is the next generation equestrian helmet.

With a vent pattern to maximize airflow for a cooling effect and an athletic-shaped visor for increased peripheral vision, the TX equips riders with the best in helmet performance.

**TECHNOLOGIES**

**FINISH:** Matte Duratec™

**FIT SYSTEM:** DialFit™

**HEADLINER:**
+ Removable and washable
+ FlipFold™ fit adjustment
+ Air-Channel technology

**VENTILATION:** Mesh covered vents

**CERTIFICATION:** ASTM/SEI-certified

**SIZES**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>INCHES</th>
<th>CM</th>
<th>HAT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>XS</td>
<td>19 1/8” - 20 1/8”</td>
<td>50-52</td>
<td>6 1/4 - 6 3/4</td>
</tr>
<tr>
<td>S</td>
<td>20 1/8” - 21 1/8”</td>
<td>52-55</td>
<td>6 1/2 - 6 5/8</td>
</tr>
<tr>
<td>M</td>
<td>22” - 23 1/8”</td>
<td>56-59</td>
<td>7 - 7 1/8</td>
</tr>
<tr>
<td>L</td>
<td>23 1/4” - 24 1/4”</td>
<td>59-62</td>
<td>7 1/4 - 7 1/2</td>
</tr>
</tbody>
</table>

Size chart is a guide only. Head shapes can be unique, changing what size is needed.
Instantly add full shade and sun protection to most Troxel helmet models with the New Helmet Brimmer™. Featuring a full 4-1/2” wide genuine palm leaf brim with a patent pending helmet attachment system that allows you to securely attach and remove the Helmet Brimmer™.

Helmet Brimmer Size A
70-141A

Helmet Brimmer Size B
70-141B

Helmet Brimmer Sizing Chart

<table>
<thead>
<tr>
<th>HELMET SIZE</th>
<th>SPIRIT</th>
<th>TX</th>
<th>DAKOTA</th>
<th>REBEL</th>
<th>INTREPID</th>
<th>FALLON</th>
<th>TAYLOR</th>
<th>LIBERTY</th>
<th>AVALON</th>
<th>CHEYENNE</th>
<th>SIERRA</th>
</tr>
</thead>
<tbody>
<tr>
<td>XS</td>
<td>A</td>
<td>N/A</td>
<td>A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>M</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>B</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>L</td>
<td>B</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>B</td>
<td></td>
<td>B</td>
<td></td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>XL</td>
<td>N/A</td>
<td>B</td>
<td>B</td>
<td>N/A</td>
<td>B</td>
<td>B</td>
<td></td>
<td>B</td>
<td></td>
<td></td>
<td>B</td>
</tr>
</tbody>
</table>

1. Locate the Troxel helmet model and size of the helmet you have on the chart above.
2. Refer to the size chart to determine if you need size A or B.

*Helmet Brimmer™ cannot be used with the following helmets: Sport, Legacy, non-low profile Spirit and all helmet versions prior to 2014.
**Not suggested for use with the ES or Capriole model helmets.
**ACCESSORIES**

**NEW**

**Velvet Helmet Cover** 70-130A

**Lycra® Helmet Cover** 70-131A

**Water Resistant Helmet Cover** 70-137A

**Winter Headliner** 70-035

**Helmet Bling** 70-140
Customize a helmet with Troxel’s Helmet Bling Package. Self adhesive Acrylic 5MM Rhinestone gems add glitz and sparkle. 450 clear gems included.

**NEW**

**Troxel 1/4 Zip Pullover** 93-1310
Ladies cut athletic style Poly/Spandex blend ¼ zip mock neck long sleeve pull over shirt with thumb holes. Offers a flattering fit and comfortable stretch that moves with you. Black. Adult Ladies Fit Size S-XL.

**Odor Eliminator Spray** 69014-04
Neutralize and eliminate helmet odors between rides and headliner washings. Formulated with non-toxic biodegradable ingredients and essential oil based counteractant for long term odor control. 200+ applications per bottle.

**Helmet Tote Bag** 70-143
Troxel’s premium Helmet Tote Bag is a great way to protect and preserve a helmet. With a plush liner, mesh back for ventilation and shoulder strap for easy transport, it’s a perfect complement to any helmet purchase.

**NEW**

**Drawstring Helmet Bag** 70-142
Troxel’s nylon drawstring backpack style bag is a great way to transport a helmet to and from events.

**NEW**

**Troxel Vintage T-Shirt** 93-1312
Extremely soft tri-blend universal fit short sleeve t-shirt is sure to become a favorite. Features the right amount of stretch, ultra-soft fabric and black heather vintage color for on-trend style. Black. Adult Unisex Sizes S-XL.
HELMET SIZE GUIDE
How to choose a Helmet Size

1 Measure
Use a measuring tape to measure around the head one inch above their eyebrows. Or use a string to measure and then lay it out and measure the length of the string.

2 Choose Size
Use this chart to convert measurement to hat size:

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Head Size (centimeters)</td>
<td>50</td>
<td>51</td>
<td>52</td>
<td>53</td>
<td>54</td>
<td>55</td>
<td>56</td>
<td>57</td>
<td>58</td>
<td>59</td>
<td>60</td>
<td>61</td>
<td>62</td>
</tr>
<tr>
<td>Hat Size</td>
<td>6 1/4</td>
<td>6 3/8</td>
<td>6 1/2</td>
<td>6 5/8</td>
<td>6 3/4</td>
<td>6 7/8</td>
<td>7</td>
<td>7 1/8</td>
<td>7 1/4</td>
<td>7 3/8</td>
<td>7 1/2</td>
<td>7 5/8</td>
<td>7 3/4</td>
</tr>
</tbody>
</table>

Disclaimer: This conversion chart is a guide only and does not constitute a guarantee as to the fit of the helmet. Some people may have a unique head shape changing what size they need. Some helmets fit different shaped heads better than others.

3 Select a Helmet
Select the helmet model they would like to purchase and review the specific size range available in that model.
FIT A HELMET IN 3 EASY STEPS

1 Try
A) Open the DialFit™ if the helmet comes with this feature.
B) Try on the helmet. It should fit snug but not be uncomfortable.

2 Adjust
A) Adjust the inner padding by folding under the FlipFold™ tabs for more or less cushion.
B) Adjust the slide glides on the straps to sit underneath the ears to form a “V”.
C) Adjust the length of the retention system straps to fit snug under their jaw and use the o-rings to secure the excess.
D) To fine tune the fit, engage the DialFit™ or adjust the slider on the elastic bands of the SureFit™.

3 Check
With the helmet level on their head, check the fit and straps and make sure the buckle is locked securely.

All Troxel Helmets are ASTM/SEI certified.

TROXELHELMETS.COM I 39
TECHNOLOGIES

Adjustable fit systems provide customers with the opportunity to quickly customize fit. Advantages include: lower inventory requirements and additional helmet room to accommodate unique head shapes and various hairstyles.

SureFit™ System
The SureFit™ incorporates elastic straps that self-adjust to the size and shape of the rider’s head. With ultra-plush padding the SureFit™ provides an unmatched level of comfort and stability.

DialFit™ System
Soft-touch dial permits quick and precise helmet adjustment for personalized comfort.

FlexVisor™
Molded from a flexible polymer, Troxel’s FlexVisor™ won’t shatter into sharp pieces reducing the possibility of cuts and scrapes in the event of a fall.

FlipFold™ Fit Adjustment
The removable and washable FlipFold™ headliner provides adjustment to the helmet’s width to accommodate different head shapes. Adjustment is made by folding over the integrated tabs.

Duratec™
The Duratec™ finish provides improved scratch and dirt resistance with a rich matte finish. Duratec™ can be washed with soap and water to restore the original look.

ASTM/SEI Certification – Official safety certification of equestrian safety helmets in the United States. Troxel manufactures only ASTM/SEI-certified helmets. The Safety Equipment Institute (SEI) is an independent, accredited organization that certifies the American Society for Testing and Materials (ASTM) standards are met. The ASTM F-1163 standard for equestrian head gear has been revised numerous times since its initial publication in 1988. Each revision reflects ASTM’s technical committee’s ongoing effort to clarify, correct or improve the standard and provide consistency in testing. A helmet which has been ASTM-certified to an earlier edition remains certified even though newer models are always certified to the most recent edition.
DEALER RESOURCES

Drive Troxel helmet sales with these point of purchase materials

SIGN-99
Find Your Fit Aisle Violator and Hardware, 11" x 14"

65-4242
4' Troxel Pop-Out Header and Hardware

STRIP-23
2' Troxel Shelf Channel Strip

65-4307
Troxel Banner 48" W x 24" H

65-4308
Troxel Banner 96" W x 48" H

Online Resources
TROXELHELMETS.COM/DEALERS

Online Service
Place and track orders, review invoices/payments and maintain account information.

Media Center
Download logos, product images, lifestyle images and videos to use on your store websites, social media and marketing materials.