Contents

MOTOCROSS GEAR BUYERS GUIDE.......................................................... 3
Helmets - Product Highlights .............................................................. 4
Boots - Product Highlights ................................................................. 7
Protective Gear - Chest, Elbow, Knee, Neck .......................................... 10
Riding Gear - Product Highlights ........................................................ 13
Gloves - Warm Weather, Water Proof, Shock Resistant ....................... 17
Goggles ............................................................................................... 19
Accessories ......................................................................................... 21
Motocross is among the most exciting and dynamic sports out there. Unfortunately, like many high-octane sports, motocross can be dangerous. Even the most experienced riders risk injury, and this risk is increased exponentially by poor quality gear.

The right protective gear can guard you against serious injuries and even death. Don't take any chances! Be smart about your motocross gear; never compromise your safety.

Technologies in all industries are advancing fast, and the motocross industry is no exception. This means that you have many choices when it comes to buying motocross gear. Unfortunately, this also means that buying motocross gear can be confusing and time-consuming.

Refer to the BTO Motocross Gear Buyers Guide to streamline this process and get the answers you need. In each section you'll find information about the kind of gear in question along with critical product details and comparisons. Read on to get ready to hit the track.

**Top Things to Consider When Making a MX (Motocross) Gear Product Purchase**

What does high-quality gear do for you? It may not be able to win the race for you, but it can mean the difference between ending up at home after the race with an ice pack on a few bruises and landing in the hospital. Make sure your gear is excellent quality.

Pay attention to sizing. From brand to brand motocross gear sizes can vary significantly. Don't hesitate to reach out to your motocross gear supplier to ask questions about sizing and performance, and also play close attention to sizing charts.
If there's one most critical piece of motocross gear, it's the helmet. Head injuries can end your motocross career, or worse. And a great helmet also protects your face from disfiguring injuries. Make sure the Department of Transportation (DOT) and/or the Snell Memorial Foundation certifies that your helmet is safe.

Motocross helmets are different from other types of helmets. Helmets for motocross have space for protective face gear and a sun visor. The chin of a motocross helmet is also unique; it is longer to protect the rider from debris sent flying by other riders on the course. Many motocross helmets also offer venting, and most are created with sharp graphics.

Keep in mind that a great helmet isn't cheap. Helmets with full-face coverage as opposed to a bolt-on mouthguard provide your face and head with more protection from side and front impacts. When you put your helmet on and take it off it should feel snug, but not so tight that it causes you pain or discomfort. Adjust the helmet's strap to ensure that it's snug enough to keep your helmet from coming off during a crash.

Now check out some of the best motocross helmets on the market:

**Leatt - GPX 6.5 V.01 Carbon Helmet.** Leatt makes premium motocross helmets and this one is especially high-end for several reasons. Inside the helmet is a V-Foam lining that absorbs more energy in case of impact and makes the helmet lighter than many comparable models. It also has large vents in the back and front. This helmet is optimized to work well with neck braces made by Leatt, and the company is best known for their top-shelf neck braces. Finally, the Leatt GPX 6.5 Carbon V.01 looks great, with a high-tech, angular design. This helmet, especially when paired with a neck brace, is an excellent, safe choice.
Fly Racing F2 Carbon Helmets. Speaking of lightweight and durable motocross helmets, these F2 carbon helmets are built for impact and comfort. The Multi-directional Impact Protection System (MIPS) is available for these helmets, offering you reduced rotational forces in impacts. This extra slip-plane inside the helmet can move within the helmet to prevent fast rotational acceleration during a crash to prevent the straining of brain tissues.

Fox 2016 V4 Race Helmet. Like the Fly Racing F2 Carbon Helmets, the Fox 2016 V4 Race Helmet includes the rotational force protection of MIPS. It is constructed with a tough carbon fiber shell and comes with four shell sizes and four sizes of dual density EPS liner to ensure an exact fit. This helmet is great for keeping dry, featuring the enhanced moisture wicking of a Dri Lex Comfort Liner, 8 exhaust vents, and 16 intake scoops for the best possible airflow. This model exceeds both Snell and DOT standards.
Bell MX9 Helmets. Bell MX-9 Helmets are some of the best offered by Bell, a longtime contender in the motocross and dirt bike industry. This is a great choice for a wide variety of riders at an affordable price point. The features in these helmets such as a moisture wicking lining that can be removed and washed, and vented roost guards to protect riders from debris is keeping Bell at the forefront of the motocross helmet market. And these helmets are constructed with a very lightweight polycarbonate that is tough enough to offer the best protection available.

6D Dirt Helmets. The 6D helmets for motocross feature Omni-Directional Suspension (ODS) which is an in-helmet management system for kinetic energy and suspension. It absorbs energy and reduces transfer to the head in a variety of settings, making it a great choice for motocross. 6D Dirt Helmets also protect riders against both angular and linear accelerations and impacts.
Motocross safety demands the right protective motocross boots. Leg, ankle and foot protection are essential to rider safety. Many popular kinds of motocross boots also include steel soles, leather uppers and steel heel guards.

Remember as you shop for motocross boots that you must break them in before you ride with them. Boots that haven't been broken in can cause inability to operate the bike's controls properly. Take great care of high-quality boots and you can expect a long life from them.

Fox - 2016 Comp 5 Boot. The Fox - 2016 Comp 5 Boot is a great value, but this doesn't mean that Fox skimped on features for this model. These boots boast soft-touch aluminum pivot lock buckles which are easy and fast to operate. They also feature a race-bonded outsole which enhances durability as well as comfort. And the outer medial plastic and contoured shin plate construction both provide the rider with easy movement free of binding.
Alpinestars – Tech 10 Boot. This boot is very popular with professionals, and for good reason. The Tech 10 was the first boot that had molded soles with super-tough TPU rubber on the outside frame. This frame provides you with extra protection for your Achilles tendon, ankle, calf, foot, heel, shin, and toe. These boots have the same soft, comfortable inner booty as the Tech 8 had, and because the dual sole is replaceable these boots are a great investment for serious motocross riders.

Gaerne – SG-12 Boot. The SG12 boot from Gaerne includes an updated slim toe box encased in a new, lightweight plastic material which allows for better braking and shifting as well as enhanced comfort. The sole is crafted of Gaerne's signature dual composite anti-shock rubber that has made Gaerne soles famous around the world. High quality dual pivots and thermoplastic parts offer better performance, and the memory cell foam inside the boot provides amazing comfort.
FLY Racing – 2016 Maverik Boot. FLY boots offer a great combination of value and protection. These boots feature 3D shin molded protection to guard against impact and wear while ensuring comfort. The buckles are quick locking and open to avoid buildup of dirt. You'll get enhanced comfort for your legs as you avoid picking up debris thanks to the elastic gaiter around the calf. And from the steel toe guards to the internal steel shank, these tough boots will stand up to the most punishing racing.
Protective Gear - Chest, Elbow, Knee, Neck

Chest and back protectors spread the impact of any crash across your torso over a broader area, minimizing damage. They also protect the rider's body from debris. Chest and back protectors can come separately or together as body armor.

Elbow and knee guards are also essential safety equipment for motocross riders. Your motocross pants and jersey do offer you some protection, but not enough to protect you from injury from a serious accident. You can also invest in a knee brace to prevent twisting your knees during a crash.

Alpinestars A-1 Roost Guard Chest Protector. The A-1 Roost Guard is designed with a tailored fit that allows the rider to have less restriction and more comfort. Alpinestars is a prestigious brand widely known for innovative designs, and the A-1 Roost Guard is well in line with these expectations. It can be worn under or over the jersey and affords you with flexible, breathable polymeric material protection from rocks and debris. The A-1 Roost Guard also features an upper back panel and shoulder pads which are removable; they are tailored to fit the soft bio foam chassis exactly affording more comfort along with superior protection. Finally, this chest protector features Bionic Neck Support (BNS) and a buckle closure that's easy to use while remaining secure.
**Fox Raptor CE Protector.** The Fox Raptor CE Protector is designed to protect riders from the most serious injuries. This chest protector features shoulder-bicep coverage that is removable and adjustable, a versatile fit compatible with a neck brace, and plastic side plates which provide full-coverage. The Raptor gives riders the maximum, unrestricted, complete full-body protection and numerous safety features.

**Mobius X8 Knee Protectors.** X8 Knee Protectors from Mobius are among the most comfortable choice for high level knee protection on the market. They use the Continuous Cable Routing System (CCRS) to provide an adjustable fit simply and easily with just one turn of the locking anodized aluminum dial. Behind the knee adjustment dial the Figure-8 cable strengthens the joint. These knee protectors are fully lined with rubber internal padding designed to absorb impact as well as plush EVA foam for both protection and comfort. You can achieve the most exact fit using pad kits with these protectors.
**POD MX K8 Knee Brace.** The Pod MX K8 Knee Brace provide professional quality, adjustable protection in the form of lightweight carbon fiber frames, modular components, and the Human Motion hinge system for knee support that is natural. These braces provide medical-grade knee protection yet allows for excellent movement.

**Atlas Air Neck Brace.** The Atlas Air Neck Brace is constructed with high impact polypropylene. This makes it incredibly flexible and light, weighing only 599 grams or 1.3 pounds. This brace features Smart Mounts with six mounting positions which are reversible and allow for multi-angle adjustment, smaller back supports that increases surface area, a simplified Easy Open release system, long travel front suspension that is stiffer and stronger, tougher and lighter padding, and a one-tool tether. Although the Atlas is lighter and feels less restrictive, it actually provides more surface area designed to maximize the way impact forces are distributed.
Riding Gear - Product Highlights

Motocross pants and jerseys offer riders protection from injuries that are less severe; cuts, abrasions and scrapes can all be prevented with this kind of riding gear. Jerseys and pants designed for use in motocross also offer some degree of padding for the knee and elbow joints although they do not eliminate the need for knee and elbow guards. Most motocross jerseys are made with nylon, air flow vents and moisture-wicking technology to keep riders cool and dry.


The pants in the 2016 F-16 Jersey and Pants Combo include many comfort features as well as protective elements. To keep knee braces more comfortable these pants include a stretchy, pre-shaped Flex Knee. The pants use stretch ribbing and thermoplastic rubber (TPO) badges in critical locations to enhance flexibility. 600D construction makes these pants durable, and the 900D knee panels protect riders from exhaust burns.
Fly Racing 2016 Lite Hydrogen Jersey, Pant Gear Combo. The Fly Racing 2016 Lite Hydrogen Jersey, Pant Gear Combo offers a minimalist motocross gear alternative. Crafted from stretch fabric, it is comfortable, non-restrictive and lightweight. This combo replaces non-essential features with breathable, high-end, woven elastic fabric for breathability and comfort.

Fox 2016 360 Cauz Jersey, Pant Combo. The 2016 360 Cauz Jersey, Pant Combo from Fox includes a jersey, pants and airline gloves. The jersey is constructed with moisture wicking polyester and large-
hole polyester mesh for enhanced flexibility and airflow. The athletic collar and cuffs are minimalist for a more exact fit, and the jersey stays tucked into pants thanks to a drop tail.

The 360 Cauz Pant is crafted with 900D polyester fabric for durability and woven 4-way stretch fabric for mobility. The knee system includes two layers of durable material including a flexible inner layer and outer panels made of leather that is abrasion- and heat-resistant.

In keeping with the rest of the combo, the Fox 2016 Cauz Airline Glove includes better breathability and durability along with excellent comfort and a silicone lever grip.

---

Fox 2016 180 Vicious Jersey, Pant Combo. This combo includes a jersey and pants along with the 2016 Dirtpaw Race Gloves. The Vicious Jersey features a moisture-wicking polyester fabric for the main body, vented side panels, and a mesh collar. Its drop tail keeps it tucked in and the light polyester cuffs ensure complete coverage.

The Vicious Pant constructed of durable 600d polyester fabric features stretch panels at the crotch, rear yoke and knee, and abrasion- and heat-resistant leather panels at the knee. Finally, the 2016 Dirtpaw Race Gloves are padded at the knuckle and palm and feature a hook and loop closure, a silicone lever grip and flex-point comfort.
Troy Lee Designs 2016 GP Air Flexion Jersey, Pant Combo. The jersey in this combo features a nine-panel race fit construction, polyester material with a large-holed mesh fiber structure for great ventilation and fit, and ribbed stretch v-neck collar for comfort along with angled and tapered cuffs.

The pants in this combo offer riders lightweight, breathable 500 denier polyester mesh / 600 denier polyester construction and mesh ventilated front paneling. The waist is expandable and features velcro straps for cinching in the sides. 2-way spandex is used in the calf, knee and crotch to create additional flexibility. And for added durability and protection, the knee of the pant features oversized 13” cowhide leather.
Gloves - Warm Weather, Water Proof, Shock Resistant

Gloves are essential gear for motocross riders. It’s probably obvious to you that they protect your hands from injury, but motocross gloves also minimize hand blisters and fatigue.

**Deft Eqvnt Choice Glove.** These gloves are known for being one the best fitting options available. They also feature a two-piece top and “Soft Strap” Airprene closure design to maximize comfort.

**Fly Racing 2016 Kinetic Glove.** The 2016 Kinetic Glove from Fly Racing offers major comfort along with great protection. These lightweight gloves feature various features for comfort, durability and air flow: synthetic leather wrist closures which are adjustable, top-shelf ventilation, woven Lycra four-way stretch panel construction, silicone finger grippers, split knuckles, and reinforcement at the thumb and palm.
Troy Lee Designs 2016 SE Glove. This 2016 SE Glove from Troy Lee Designs consists of a body made from self-dyed two-way stretch spandex body pieces and a palm made from Clarino dual layer synthetic leather. For added comfort they include velcro wrist closures.

Fox 2016 Shiv Airline Glove. These Fox 2016 Shiv Airline Gloves are a simple racing standard that offers style and ease of use. Made of breathable fabric and a single-layer Clarino palm, these provide a sturdy silicone lever grip, slip-on ease, and great style.

O'Neal 2016 Jump Digi Camo Glove. The Jump Digi Camo Glove from O'Neal affords riders with a comfortable, long-lasting, flexible fit. Featuring improved grip with silicone printing and an incredibly lightweight design, these gloves are easy to slip on and fasten with an adjustable hook and loop wrist closure.
Goggles

To protect your eyes and ensure you can navigate and ride, goggles are absolutely essential for motocross. Find the best fit within your helmet by bringing it with you while you shop. The best motocross goggles also provide you with ventilation and anti-fog lenses. And remember, if you tend to ride in mud and/or rain, look for goggles with tear-offs.

100% Accuri Mirror Lens Goggles. These Accuri Mirror Lens Goggles from 100% feature triple layer foam to ensure no moisture gets inside them and a durable, flexible urethane frame. These goggles do have tear-offs; in fact all motocross goggles by 100% share the same tear-off and lens profile. These lenses are scratch resistant and also have an anti-fog coating. Designed for comfort as well as performance, these goggles have a carefully constructed curvature and an oversized 45mm strap coated in silicon to keep them where you need them.

Dragon NFX2 Goggle. The NFX2 Dragon Goggle offers the tightest face seal in motocross thanks to this model's integrated removable outrigger. These goggles do feature tear-offs (a 10-pack is included with the goggles) that work with the outrigger so that application and removal are fast and easy. The NFX2 lenses are treated for anti-fog and all-weather, and they are secured with the Dragon frameless style technology. These goggles offer excellent comfort thanks to their extra wide peripheral view, removable
nose guard, silicone beaded strap backing, premium quad-foam technology and armored venting.

**Scott Tyrant Goggle Chrome.** Scott’s Tyrant goggles were designed for great fit and high performance; it has excellent venting and other moisture management features including No Sweat 3.2 face foam. The Tyrant goggle also has outriggers to improve the tension distribution and an adjustable nose guard for maximum comfort.

**Oakley Airbrake MX Villopoto Goggle.** The Airbrake MX Villopoto goggles by Oakley bring the best technologies to bear in the quest for better performance and comfort. The lenses of the Oakley Airbrake MX are injection-molded Plutonite with anti-fog coating; these offer 100% protection against all varieties of ambient UV rays as well as blue light up to 400nm. Peripheral vision is optimized with expanded lens volume. Airbrake MX Villopoto goggles also feature integrated tear-off posts. The goggles provide excellent comfort with their dual-adjustable silicone lined strap and rigid O Matter connections which distribute goggle pressure evenly.
Let's face it. Motocross gear isn't only about safety; it's also about style. It's fine to add style to your look so long as your gear is all motocross tough and your safety isn't compromised. Here are some great accessories for motocross riders.

**Fox The Director Sunglasses.** These Director sunglasses offer you a durable nylon frame and optical-grade hinges. The lenses are 6 base polycarbonate and prescription ready. And most important, these glasses provide a great fit.

**Spy General Sunglasses.** These sunglasses provide you with a cool look and awesome durability. The lenses are grey 8-base polycarbonate and give you 100% UV protection. The 5-barrel hinges are strong so you know your purchase will age well.
Stance Socks Motocross Gear. Stance socks for all different kinds of riders offer comfort and protection. There are so many styles available that this is an ideal place to customize your gear and look.