

BOSS TOOLS

HOOF BOSS MODEL #1BF

HOOF BOSS MOBILE MODEL #1DC

HOOF TRIMMING TOOL

INSTRUCTION MANUAL



WARNING Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

Save all warnings and instructions for future reference

Accessory Guide













Part #	Photo	Description	How it's used
40002		4-Tooth Cdisc (Teeth coated with Tungsten Carbide)	Horse, Cow, Exotics- Trimming to Remove Hoof Wall, Sole, Flare—Corrective Trimming.
40022		Red Coarse Grit Dome Top Disc (Tungsten Carbide)	Horse, Exotics- Used to Finish and Level. Similar to a Rasp.
40021		Orange Heavy Grit Dome Top Disc (Tungsten Carbide)	Horses, Exotics- Used to finish and level. Similar to a rasp.
40023		Purple Fine Grit Dome Top Disc (Tungsten Carbide)	Miniatures/ Young Horses, Goats - Used for Light Trimming.
40007		8-Tooth Cdisc (Carbon Steel)	Goat, Sheep, Pig, Exotics- Remove hoof wall, sole flare - corrective trimming.
40008		Gold Fine Grit Flat Disc (Tungsten Carbide)	Goat, Sheep Pig, Exotics- Light application for young animals and well maintained hooves.
40009		Blue Medium Grit Flat Disc (Tungsten Carbide)	Goat, Sheep, Pigs, Exotics- Large or overgrown hooves. Medium size herds/ flocks and most adult hooves.
40017		Silver Coarse Grit Flat Disc (Tungsten Carbide)	Goats, Sheep, Pigs, Exotics- Large, tough hooves. Large herds/ flocks, overgrown hooves.
40010		Black Cut Off Disc	All Hooved Animals- Metal cut off disc. Corrective Trimming.
40014		Green "V" Groove Corrective Disc (Tungsten Carbide)	All Hooved Animals- De- bride White Line Cracks. Corrective Trimming and trimming extreme growth
40020		50 Grit Buffing Sander Disc	Show Animal Prep, Trim- ming
40016		120 Grit Buffing Sander Disc	Show Animal Prep, Trim- ming

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THE Cdisc

Cdisc LEARNING CURVE

The secret to using the Hoof Boss is learning the **feel** of it. It's a combination of Cdisc position; speed of the Cdisc across the hoof and the amount of pressure being applied to the Cdisc. The position of your hand and not being too forceful with the Hoof Boss is very important. Forcing it could be dangerous for both you and your animal. The learning curve is short but, there **is** a learning curve. With practice and use you can make cuts in any direction at controlled depths quickly and easily.

Cdisc

The Cdisc stays secure because it doesn't move independently like a chain-saw, which rotates on a bar. The Hoof Boss Cdisc rotates as one unit locked between the top and bottom attachment discs, the assembly being secured by the lock nut which is further secured by its clockwise tightening when the motor turns anti-clockwise. The Cdisc spins in conjunction with the metal attachment discs. Another design feature ensures the blades never heat up due to the cooling effect provided by the slots in both attachment discs.



Positioning the Cdisc

When attaching the Cdisc to the tool, make sure the tips of the teeth are pointing in the same direction as the arrow located on the top of the tool's gear head. The raker should be on the left side of the tooth and the tungsten carbide tips should be pointing counterclockwise. If assembled in reverse the disc will not cut properly.



Safety Guard

The safety guard is pre-set at the factory. You should check and make sure that the guard is positioned to give your fingers the greatest amount of protection.

We recommend using the safety guard between 23° and 90°. Use the position safest and most comfortable for you when holding the tool.

The Cdisc was designed to cut with the teeth at the bottom and exposed left side of the blade. Removing the safety guard exposes the top half of the Cdisc to the fingers when held in the preferred position. Also, make sure the safety guard is flat against the tool, leaving no space between the two objects.

Refer to insert showing how to adjust the safety guard.

Turning the Hoof Boss On/ Off

* Avoid accidentally starting the power tool. Be sure the paddle lever is in the off or upright position before powering the Hoof Boss up.



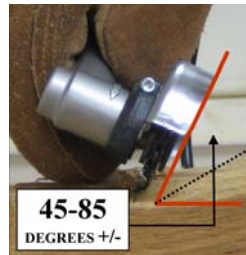
Place your finger on the green safety tab on the paddle lever and press slightly forward. You should now be able to press the entire paddle lever down with ease. Hold the paddle lever down during use to keep the motor running continually. To turn the tool off, release the paddle lever and allow the locking tab to return to the off position.

* Avoid blocking the air vents.



Correct Position

* The Hoof Boss should be positioned between 10 to 15 degrees to the hoof you're working on. You control the depth of cut by the angle of Cdisc; the speed the Cdisc is traveling across the hoof; and the amount of pressure being applied to the Cdisc.



Practice on Wood First

* To practice, use a piece of cedar or redwood as their densities closely resemble that of a hoof. First position yourself to the block of wood like it's a hoof. Never turn the tool on when the Cdisc is in direct contact with the wood.

* Hold the tool between 45 and 85 degrees to the wood. Gently pull the Hoof Boss toward you, as if you were trimming a hoof. Most of the cutting action will be a sweeping motion that moves toward your body. Use a smooth pulling motion and don't chop at the wood.

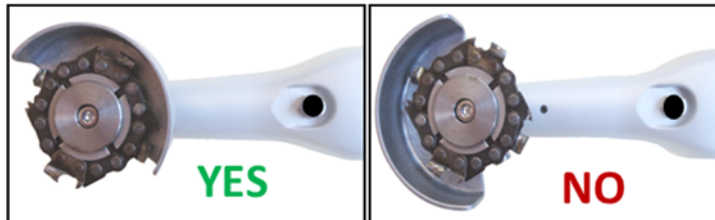


* The Cdisc is designed to flow easily across the hoof without any resistance so you do not need to force the Cdisc while trimming. Apply light pressure while trimming, as the Cdisc will do the work for you. This feature helps to decrease the wrist, hand, and arm pain usually experienced during trimming.

* The Cdisc doesn't cut "straight in" like a chainsaw. The cutting action is on the face of the Cdisc. The Cdisc will also cut backwards. The motion is the same with the Cdisc angled slightly and the trimming is done on the back side of the Cdisc.

* You can control the amount of hoof material removed by using a combination of the Cdisc angle, the speed you move the Cdisc across the surface; and the pressure you apply to the Cdisc. Keep practicing on the wood until you find the combination of angle, speed, and pressure that works best for you.

CORRECT SAFETY GUARD POSITION



Tips for Trimming Cow Hooves

Work Area Set Up

* Always wear proper eye protection and gloves during operation.



* Before trimming with the Hoof Boss, make sure the hoof is secure, thoroughly clean, and free of debris.



* When using the Hoof Boss plug-in model use a properly grounded 12 gauge extension cord made for outside use. You can also use an external Ground Fault Circuit Interceptor (GFCI) for extra safety.

Trimming the Cow Hoof

* Use the 4-tooth Cdisc to trim the sole and the hoof wall. The Hoof Boss cuts with the face of the blade at a slight angle to the hoof. Hold the Cdisc at a 10-15 degree angle, use a light pulling motion across the surface of the hoof. Trim from the heel to the toe and/or right to left. The Hoof Boss is designed to duplicate the actions of a manual hoof knife without the physical effort the manual knife requires. Do not chop or chip away at the hoof.



* Hold the Hoof Boss with the Cdisc facing towards you to trim between the two claws and around the tip of the toes.



* Hold the Cdisc at a flatter angle to the hoof to make the Hoof Boss less aggressive and to remove smaller amounts of hoof. The lighter you trim, the more control you will have over the tool.



* Use the Hoof Boss to remove hoof material when treating hoof problems and laminitis issues such as abscesses. Remove as little hoof material as necessary to treat the problem.

Preparing Blocks / Hoof Blocking

* On the claw that you want to apply a block to, make light, shallow, vertical cuts, at a 45° angle across the claw to create a diagonal line pattern. This will roughen up the hoof and help the glue bond to the hoof.



* Use the Hoof Boss to gently scoop out part of the block for a better fit around the wound, promoting faster healing.

* Hold the block up to the claw, mark the block where you need to make the cut. Secure the block in a flat position and gently pull the tool along the wood to carve out a space that matches the size of the injury.



* Use the Hoof Boss to remove a block and its glue from the hoof by running the Cdisc over the wood and shaving off the block until only the clean, healed hoof remains.



Tips for Trimming Goat / Sheep Hooves

Work Area Set Up

* Always wear eye protection, gloves, and a **dust mask**. The trimming process creates a very fine hoof dust that can irritate your eyes and lungs if you are not wearing proper safety protection.

* We recommend you put your animal on a raised platform, squeeze chute or tilt table to secure them. This makes trimming faster, safer, and easier as you can conveniently move around the animal with the Hoof Boss.

* As an alternative to using a platform, you may tie the animal to a post with a halter or use a flip chute while you trim the hooves.

* Use a properly grounded 12 gauge extension cord made for outside use. You can also use an external Ground Fault Circuit Interceptor (GFCI) for extra safety.



Trimming

* Make sure the animal is secure and the hoof is clean and free of debris. Cleaning the hoof will make it easier for you to see what you are doing and will also extend the life of the disc.



* The Hoof Boss works like a rasp to remove hoof material, so you want to hold the disc at a very slight angle to the hoof. Holding the disc completely flat will cause it to wobble or walk across the hoof.



* Start trimming by practicing on your most relaxed animal first. Take your time when trimming, and allow yourself to become comfortable using the tool. The best way to learn the trimming technique is by practicing. Evaluate to find what pressure, speed, and angle works best for you and the hoof you are trimming.



* Hold the hoof to be trimmed firmly in your hand. Begin trimming by applying light pressure to the hoof to remove the hoof material. Gradually apply more pressure to hooves that are overgrown or tougher but never force the disc into the hoof.



* You can trim the sole, wall, and heel of each toe using the Hoof Boss. You can trim between the two toes by using your finger to spread them apart so the disc can fit. You can trim the heel in the same way.



* Use the Hoof Boss to trim your animal's horns. The technique is the same as trimming a hoof.



Cleaning the tungsten carbide discs.

* Moisten the disc with a liquid detergent and brush the disc briskly with a stiff-bristled brush. Dry with a paper towel. Spray the disc with an approved disinfectant used to treat hoof diseases.



Tips for Trimming Horse Hooves

Work Area Set Up

* When using the Hoof Boss plug-in tool, always keep yourself between the power outlet and the horse. This will make your cord management easier and safer. Use a grounded 12 gauge extension cord made for outside use. Use an external Ground Fault Circuit Interceptor (GFCI) for extra safety.



* Wear eye protection when trimming. The Cdisc creates almond-shaped slivers that are likely to be thrown towards the operator's face. Always wear proper eye protection to ensure that the debris will not fly into your eyes causing harm.



* Wear heavy duty gloves. Always protect your hands when using the Hoof Boss. Your hands will be in close proximity to the Cdisc.



* It's possible that the thrown hoof slivers might slightly irritate your horse. If you find this to be true with your horse, we suggest you drape the horse with a light blanket.



* Always bind up your horse's tail with the bright green tail tie before trimming. Eliminate any risk of the tail getting caught in the Hoof Boss.



* We recommend that you secure your horse's hoof in a hoof stand. It makes trimming safer

Acclimate the Horse to the Hoof Boss

* When introducing a horse to the Hoof Boss for the first time, always acclimate the horse before trimming.

* Show the Hoof Boss to the horse and let them sniff it.

* Turn the Hoof Boss on so the horse can hear and adjust to the sound.

* With the Hoof Boss running, let the horse feel the vibration of the Hoof Boss as it moves through your body by holding the Hoof Boss in one hand and touching the horse with your free hand.

* Touch the Hoof Boss to your horse's hoof and begin trimming. If your horse seems uncomfortable at any point, stop trimming and calm them before resuming use.



Trimming the Equine Hoof w/ Cdisc

* Before trimming make sure the hoof is secure, thoroughly cleaned, and free of debris.

* Trimming the Frog If the Frog is hard and dry you may want to use the Hoof Boss; however, if the frog is soft, we don't recommend using our tool on it. Watch your instructional DVD for more information.



* Trimming the Sole Hold the Cdisc at a slight angle to the hoof, and smoothly pull the tool towards you. Stand the blade more vertical when trimming the sole. It's less aggressive. The Hoof Boss is designed to duplicate the actions of a manual hoof knife, using the same motions you would with a manual hoof knife. Do not chop or chip away at the hoof. A smooth, gentle pulling motion is all you need to get an easy trim. Depending on the dryness of the hoof, a little more pressure may be required.



* Trimming the Flare Hold the Cdisc perpendicular to the hoof and pull the Cdisc from the top of the flare down. Depending on the dryness of the hoof a little more pressure may be required to

* Trimming Miniature Horse Using the Purple colored Trimming Disc; angle it slightly to the hoof and use a back-and-forth motion to buff away hoof sole, wall, and flare. It works like a rasp to gently but effectively buff away hoof material leaving a smooth, even finish.



Using the Red Coarse Grit Disc

After trimming, you can use the red disc to finish and level the hoof. To do so, slightly angle the disc to the hoof and move it back and forth like you would if you were using a



SHARPENING THE Cdisc

4-TOOTH & 8 TOOTH

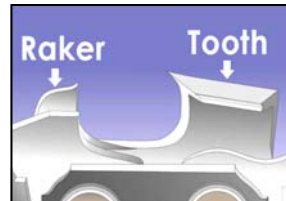
Using the Hoof Boss with a Cdisc that has been properly sharpened makes trimming safer and easier, as well as extends the life of the Cdisc.

Sharpen the teeth after about 10-15 trims. This takes a couple of minutes and will help the teeth last longer. Use the **included diamond coated Cdisc file #40018**.

UNPLUG the Hoof Boss prior to sharpening the Cdisc.

The diamond coated Cdisc file is required to sharpen the tungsten carbide coated teeth.

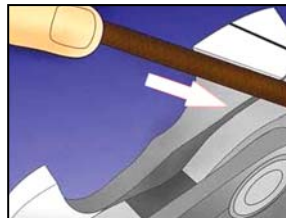
1. Before you begin, make sure the Cdisc is clean and free from oil, dirt, and debris. Make sure the file you are using is a $\frac{5}{32}$ " (4 mm) gauge coarse, continuous diamond surface file.



2. Inspect the Cdisc, paying specific attention to the tungsten carbide teeth. If any of the teeth are damaged, overly worn, missing, chipped, broken, or bent, you will need to replace the Cdisc as it could be dangerous to use.



3. Set your file in the notch on the front of the tooth. The curve of the file should exactly fit the curve of the tooth and the top of the file should be flush with the top of the tooth. Hold the file at the same angle that the tooth was originally filed.



4. Slide the file across the face of the tooth, using a moderate twisting motion to discharge metal chips (filings). Push the file from the longer side of the tooth to the shorter side.



5. The rakers (the curved hook shaped links between the teeth) **should not** be filed down. The height of the raker contributes to the proper operation of the Cdisc.





SAFETY TIPS

1. Never operate the tool without the safety guard set in the proper position to protect your fingers. Failure to properly use the safety guard may result in personal injury.
2. Secure the animal before trimming.
3. Always make sure the Hoof Boss is turned off before connecting it to a power source.
4. Always wear safety glasses, a dust mask and heavy duty gloves during operation.
5. Make sure to start the Hoof Boss away from your animal's hoof. Never start the tool if the disc is in direct contact with the hoof.
6. Do not force the disc or apply excessive pressure into the hoof.
7. Keep hands away from disc during operation. Do not reach underneath while disc is rotating. Do not touch the tool until the disc has come to a complete stop.
8. Unplug or detach the battery on the Hoof Boss when installing, cleaning, or removing discs.
9. Continually pay full attention to the use of the tool to ensure your safety and the safety of your animals.
10. Even though the Hoof Boss is very easy to use, it can still be dangerous if not handled properly. Follow all safety instructions and stay focused on the use of the tool.

Before using the Hoof Boss, or any tool, to perform maintenance or corrective trimming on an animals hoof you should be knowledgeable about the anatomy of the hoof and what specific trimming is required to maintain a healthy hoof.

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