



*Shoeing soles tailor made
for competition horses*



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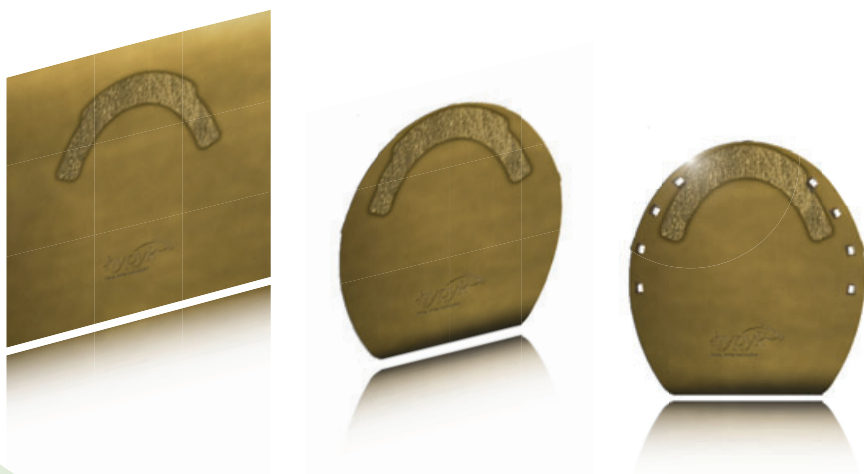
Horse, strides and comfort

Avantages for the race

The horse will appreciate the flexibility of the sole which will allow it to behave as if it were unshod:

- The sole allowing of aluminium alloy (+/-80 gr) increases performance on the racetrack thanks to the decrease in weight
- The thinness of the sole (2 mm/0.08inch) alloy enables the hoof to be imprinted very quickly in the sole
- Because the sole is adjusted on the hoof itself, the morphology and the ergonomics of the foot are respected, thus giving increased comfort during the race
- The sole then allows the natural growth of the hoof for 8 to 10 weeks
- The geometry of the sole, which is specifically adaptable to the hoof - right up to the moment of shoeing - allows the sole to be very precisely adjusted after hoof trimming, thus eliminating premature wear of the hoof

**THE INCREASED COMFORT RESULTING FROM THE SOLE
REDUCES THE STRESS LEVEL OF THE HORSE DURING THE RACE.**



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Horse, strides and comfort



Performance

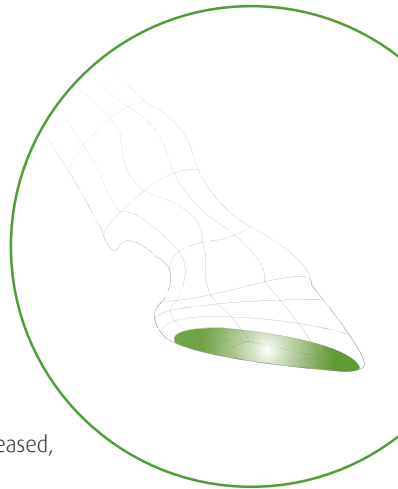
The soles were tested in trotting races for a year using systematic observations at the *Hypodrome de Wallonie* and specialist advice from professors at the farriers school of Mons, in Belgium, before achieving this technological advance which optimises the horse's comfort.

The advantages of the soles improve the performance of the horse on the racetrack.

Due to the lightness of the sole and its contact surface, the horse's stride is longer and suppler and the power developed in each stride, in full flight, becomes more effective, for the following reasons:

- The sole made of aluminium no longer penetrates the substratum of the track, so the foot no longer has to extract its hoof from a deep imprint in the ground
- The presence of the sole eliminates the accumulation of material (dead weight), as can often be seen with a more traditional shoe during the race
- The anti-slip coating ensures to the horse an excellent grip
- The contact surface between the sole and its hoof is increased, allowing the load to be distributed more evenly on each foot and consequently reducing the risk of abnormal stress

Close examination of a worn and shaped sole will allow an experienced farrier to then carry out a more specific trimming to each hoof to correct its pace and/or its stride (balance, symmetry, etc.).



There is an anti-slip coating on the bottom of the sole. Its composition based on tungsten carbide and on diamond protects the aluminium alloy surface and increase between two shoeings/trimmings (4 to 6 weeks) thereby reducing the cost. This anti-slip coating enables the horse to achieve effective grip with the sole on any type of ground and reduces the risk of injury.

The quality of the stride is influenced by the geometry of the coating and by the quality of the fitting of the sole. The materials used have been researched to allow the sole to be fitted easily and precisely at the time of shoeing. This also allows the trainer to decide at the last minute what type of shoeing to use depending on the expected conditions of the track.

The farrier fixes the sole to the hoof in the traditional manner by nailing. Flat-headed nails are provided with the sole. A specific training session can be organised at the farrier school (www.ecoledemarechalerie.be - Tel.: +32 (0) 65 337 237).

At the moment of shoeing, the free positioning of the nails avoids repeated damage to the hoof, thus increasing the periods of availability of the horse for training and racing. The nailing of the sole guarantees it will hold during the race, and if necessary for several weeks afterwards.



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