



Portion Feeder

for the specific hay provision amongst horses kept in groups



The trend towards keeping horses in groups, as is natural for the species, continues unabated. More and more horse owners are concerned with continuously improving conditions in which their animals are kept and providing the horses with an optimum living environment.

Many smaller and medium sized stables, however, come up against a problem where feeding is concerned: with constant access to hay, the horses tend to over-

feed, which can be unhealthy. An attempt to ration the feed often fails due to lack of means to keep to both frequent and regular feeding times.

As a solution to this problem, HIT has developed a new, effective feeding system for hay: with the **HorseKing® Portion Feeder**, horses are offered specific amounts of hay at set times throughout the day. With the use of a feeding computer, specific feeding times in which the

horses can eat their bulky feeds can be set. In between feeding periods, a barrier closes off access to the feeder. This simple system of allocation ensures that the horses can eat in a way that is compatible with their natural feeding habits and offers the horse owner the opportunity to regulate and control the amount of bulky feed available to the group of horses at any time.



Feeding time at the Portion Feeder; 2-3 horses are able to eat at the same time



Portion Feeder with closed feed barrier

All the advantages of the **HorseKing® Portion Feeder** at a glance

- Hay is provided in portions
- Frequent feeding times throughout the day
- Save on hay
- Horses can eat in a way entirely compatible with their natural behaviour
- Feeding intervals encourage the horses to move around
- Separate feeding places reduce aggression
- Control functions with the feeding computer
- Feeding periods can be changed at any time
- Flexible filling and topping up; independent of the feeding times
- Hay kept in weather-proof hopper
- High standards of hygiene during eating
- Brake reduces feed loss
- Simple installation in new or existing yards



FEEDING-SYSTEMS®



racks for hay and straw

appropriate to small and large bales

In almost every kind of horse husbandry racks are used to offer hay and / or straw. Frequently, we come across older constructions which, according to their design, are unsuitable for horses. In contrast, newer rack-constructions already comprise many beneficial features; but often these features still require improvement.

In practice we tend to encounter the same sort of difficulties:

- Around the racks, lots of extracted roughage is lying on the ground where horses trample it down and where it gets dirty
- Indeed, integrated roofs are not as sharp-edged as it was they used to be but still, they do not provide horses with enough protection against weather
- Common tube-grid-constructions pose a permanent threat, i.e., horses might get stuck and injured

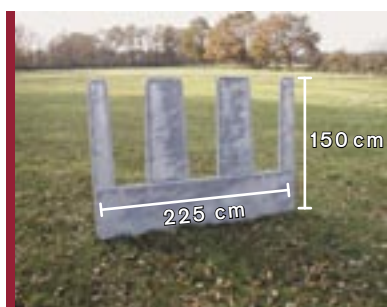


rack-element is constructed of a complete steel sheet with inserted, round completion-tubes, so that there are no slots or any other points left which might cause injuries. When the horses have just put their heads through the spaces, it becomes too exhausting for them to look around while dropping half of their food. Consequently, the 1.50 m high feeding-partitions

The Horseking®-Rack has been developed with the aim to master all the requirements concerning safety and functions and to be universally applicable to all local circumstances. The Horseking®-Rack's basic element offers 3 feeding-spaces, it is 2.25 m wide and 1.50 m high. On-site, this element can be put together in different ways due to the add-on system – either as lengthwise rack within the stable alley and inserted into the exercise yard's fence, respectively, or as rack closed on three or four sides. The whole

reliably minimise inconvenient loss of fodder. If the horses startle and leave their feeding-space hastily, they cannot abut somewhere overhead. After an intensive test stage in several horse-husbandries keeping differing races of horses and ponies, the Horseking®-Rack has impressively proven it's suitability in practice.

One rack-element = several possibilities of installing



Installation at the edge of a building



Four Horseking®-rack-elements put together, resulting in one enclosed device

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HorseKing **Fence Feeder**
for hay and straw

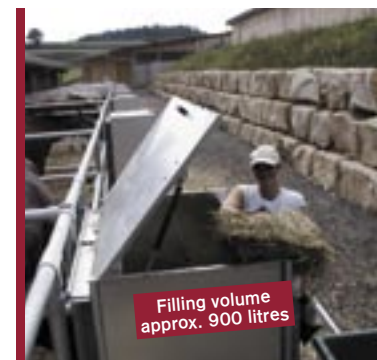


Simple and brilliant – a short description to sum up the new **HorseKing®-Fence Feeder**. In comparison to normal racks, which would normally stand in the middle of the exercise area or paddock, the **HorseKing®-Fence Feeder** is integrated into the fence. The horses pull the hay through the bars (distance between bars can be altered) and can eat in a position which ensures correct body posture. The distance between the bars is set so that the type of bulky feed being provided can only be pulled through in small quantities. The time required for eating becomes noticeably longer, which means that the horses have more to occupy themselves with and they are able to digest their food in a healthy manner. At the same time, feed loss is reduced to a minimum.



2-3 horses can feed at the 1.20 m wide **Fence Feeder** at the same time. Where several **HorseKing®-Fence Feeders** are installed, these are placed with sufficient distance between them to provide the horses with separate feeding spaces. This reduces stress and avoids aggressive behaviour during feeding. The feeders can be easily filled from the other side of the fence. The feed is protected from the weather in the hopper.

The lid is equipped with shock absorbers, so that opening and closing is both simple and safe. A feed brake can be fitted in front of the bars as an optional extra to prevent feed loss. Any bulky feed which does then fall out is prevented from becoming dirty and can also be eaten by the horses.



HIT-Mobile-Consolidated-Container
for horse manure



The **HIT-Mobile-Consolidated-Container**

Picking up horses' manure in exercise yards is one of the most time-consuming assignments in open stable husbandry. On affixed grounds it is possible to use mechanical purifiers, e.g. front-end loader, rubber nip roll or suction devices wi-

thout difficulties. Sandy areas, which usually constitute the main part of an exercise yard, have to be cleaned up by hand because here, mechanical dunging does not result in sufficient cleanness.

The new **HIT-Mobile-Consolidated-Container** makes the cumbrous picking up and pulling out of horse manure much easier and quicker. Depending on the size of the exercise yard and on the number of horses,

several consolidated containers can be placed at appropriate positions in the exercise yard, in the rest area and on pastures. Thus, accumulating manure can be cleaned up as the crow flies. As the need arises, these containers will be col-

lected by tractors with self-sealing-coupling, then they will be emptied and placed back. The containers are made from hot-dip galvanised steel and each is intended for 1 t of horse manure.

In practice, the application of **HIT-Mobile-Consolidated-Containers** offers great advantages:

- No time-consuming pushing of wheelbarrows to the muckheap and back
- In pension-stables horse owners can easily and efficiently assist in mucking out
- Consolidated containers can also implemental as partitions, so that horses are provided with backup capacities in cramped areas

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