

Jelka
Premium Equestrian Range



HIT Active Stable

The Future of Horse Keeping



“The future of horse keeping is designed by people. Those beneath the surface of reality recognise the effectiveness of a vision”

Thorsten Hinrichs - HIT founder and Managing Director

At HIT we are in the fortunate position that we are dealing with people who look for better solutions for themselves and their horses in the future. Horse owners and stable operators come to us who have a strong personality and a sense of how to keep horses appropriately.

In addition, private horse owners, riding schools and horse breeders are particularly interested in operating the HIT Active Stable system. Together with these people we develop individual group husbandry concepts for the good of horse and man.

During the entire process, from the first idea to the planning and construction phase, right up to the ongoing operation of the HIT Active Stable we always feel the enthusiasm of our customers when dreams come true step by step.

Our goal is to make a significant contribution to the success of your project. On the following pages you will find our tried and tested products... **let it inspire you!**

Why Active Stable?

- Traditional methods of horse-keeping are increasingly being called into question and subject to legal constraints.
- For many responsible horse owners, this has prompted a change in thinking about horse care.
- Horse owners look to the Active Stable to provide a horse appropriate living conditions that comply with laws, cause less work and both affordable and cost-efficient.

How does Active Stable work?

- In the Activestable horses live in a herd and allowed continual exercise in structured trail and track systems.
- Horses receive forage and hard feed automatically throughout the day and therefore working times and labour requirements are greatly reduced.
- The below diagram shows some of the key areas of the Active Stable:



Feeding Stations

Automatic feeders

Ideal for herds of horses with various different feeding needs. The computer system enables you to control the time and frequency the horse visits the feeding station. You can also control the quantity of concentrates distributed to the horse.



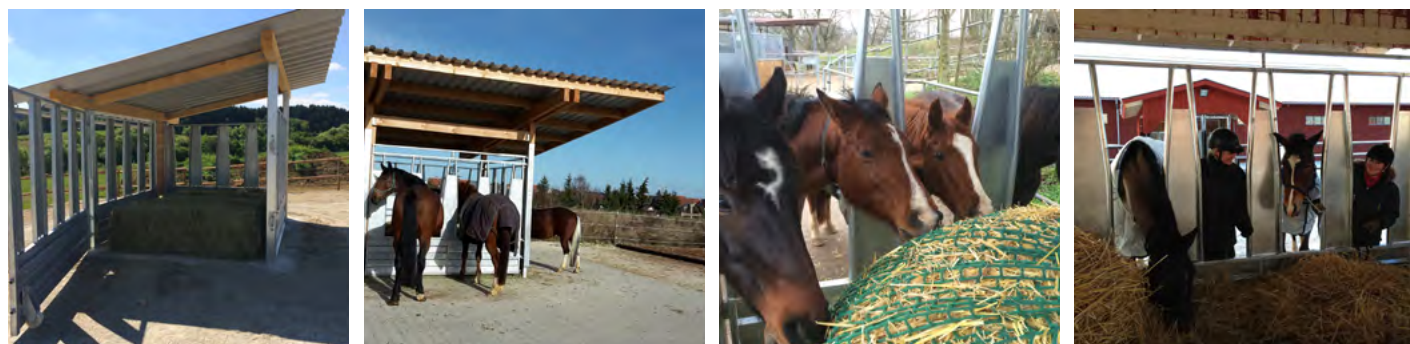
Time controlled feeders

Best for herds of horses with similar feeding needs. You are able to control the time and frequency that the feeding station is open for the horses to feed.



Rack feeders

Ideal for horses with similar feeding needs but without the computer control. Feeding times and frequency is unrestricted. Also the rack feeders can create feeding areas for veteran horses that require longer feeding times away from the rest of the herd.



Feeding Stations FAQ

What happens if there is a dominant horse that blocks feeding areas?

We build 25% more feeding spaces than horses so there is always more stations than horses. Stations are always part of a 1 way or 2 way trail which often limits dominating behaviour.

How do the horses get in and out of the feeding station?

For the timed and rack feeders there are no access restrictions to the feeding space. However the the automatic feeders recognise the individual horse and allow entry via large rubber doors. The exit is a one way door.

What else can you do with transponder technology?

You can use the same technology to allow individual horses (for example veterans) access to exclusive paddocks or feeding areas.

How does the feeder recognise my horses?

Every horse that uses an automatic feeder is fitted with a transponder woven into the hair. A scanner at the feeding station uses the transponder to identify a particular horse and allow or deny entry.

How do I control the feeder?

Timed feeders are controlled via a preset time you select on the management computer. The automatic feeders works in the same way but you are able to change feeding times and feed quantity per horse.

How does a feeding system look on your yard?

The feeding technology can be adapted for any type of environment. Feeders can form part of existing buildings or as stand alone structures in any style you prefer.

Active Stable feeders are extremely cost effective

... and designed to be safe for all types of horses

Rest & Relax

Horse Shelters

Let your imagination run wild! Shelters can be as elaborate or as simple as you choose for your environment. It is a welfare requirement that every horse can shelter from the sun, wind, rain and insects so every Active Stable is built with good shelters.



Horse SoftBeds

The Active Stable horse beds are soft, dry, comfortable and specifically designed for horses. The soft foam and rubber combination encourages the horses to lie down to rest and sleep. Choices range between large mats for individual horses or a wall to wall rubber floor.



Horse Toilets

Your horses could be trained to use the toilet! Therefore greatly reducing your need for manual clean up. Generally situated around the shelters, after a time (and some training) the horses will begin the use designated areas especially if other horses have used the same spot.



Rest & Relax FAQ

Will the horses really use the toilet!?

A area approx 1m x 3m with a layer of absorbant bedding prevents horses lying down in the area. Several horse toilets should be installed at the same time smelling of urine. The horses accept these relatively quickly and learn to use them. Over time the number of toilets can be reduced.

What is the quality of the SoftBed flooring?

Two layers of nylon insertion rubber sandwich a layer of foam making the SoftBeds extremely tough and impermeable to liquids but soft and comfortable for the horses. Suitable for shod and barefoot horses. Expected lifespan is at least 10 years.

How much bedding do I need to use with the SoftBeds?

Individual boxes approx 3 to 4 kg per horse per day
Group shelters approx 0.3kg per horse per day.

How big does my shelter need to be?

The total area of your shelters should allow for 10 to 20 square metres per horse.

How do I clean the shelters and flooring?

SoftBeds can be easily cleaned with a broom or shovel or high pressure hose. Shelters should be mucked out twice a day and deep cleaned every year.

Why is the SoftBed so good for the Active Stable?

In the wild, horses prefer a dry, soft and non-slip surface for lying down on their stomachs or side. The SoftBed exactly recreates that.

Spacious areas for the horses to rest and relax is

... a key part of the Active Stable system

Integration pens, Quarantine, traditional & recovery stables

Traditional stabling can easily be incorporated into the Active Stable system. From time to time new horses will join the herd and this requires integration pens to allow the horses to familiarise themselves as safely as possible. Equine businesses with mixed types of horses such as competition and livery horses may wish to keep livery horses in the Active Stable and competition horses in traditional stables. Also horses on box rest, in recovery or rehab will benefit from the dual concept horse keeping.



Feeding

Individual stables and integration pens can also use the automatic feeding technology for forage and concentrates. This is designed to allow horses access to forage and concentrates as per controls set by the operator. Therefore the manual input by the operator is greatly reduced which saves you time and money.



How long do the horses need in the integration pens?

This depends on the horse and your existing herd but on average new horses stay in the integration pen during the day for 2 to 3 weeks.

How much concentrates does the feeder hold?

40 litres of concentrates or other hard feed.

How does the forage feeder work?

The forage feeder is controlled by time. The operator chooses when and for how long the feeding space is open. The feeder uses a sliding vertical door to allow and deny the horse access to forage.

How big does the integration pens need to be?

At least the size of a traditional stable (13 to 14 square metres) however in reality pens are constructed up to 20 square metres each.

Flooring & Surfaces

Top Clean

A heavy duty ground mat for feeding areas, walkways, gateways, shelters, slopes and more. The surface is designed to allow maximum contact area with the hoof for stability and grip and excess liquids are free to drain in the direction of the gradient (1-2%). The large contact area also allows for mechanical cleaning and support the weight of machinery.



Mountain Trail

Designed for high grip on particularly steep slopes and as the base for arenas and lunge pens. The mat surface is designed to catch and release water back into the sand surface and drain excess through perforations.



Draingrid

An open transverse grid installed permanently beneath ground to stabilise car parks, arenas, grass paddocks and grass track systems.



Flooring & Surfaces FAQ

Why is sand used nearly everywhere?

Sand is a plentiful and affordable aggregate that lasts a long time and helps recreate the horses natural environment. To reduce the risk of sand colic sand is not used inside feeding areas. Larger aggregates can also be used such as limestone on specific applications.

Do all the mats require sub bases?

It depends on your application. Top clean is the best example as to create a simple mud free walkway this can be installed without a sub base. For any product being used as a training area (lunge or arena) or supporting machinery, a sub base is strongly recommended.



What is the quality of the mats?

Every mat is made from recycled plastic materials that is certified under soil protection regulations. The mats have an expected lifespan of 15 to 20 years depending on use and if the surfaces are mechanically cleaned with a machine.

How can the mats be mechanically cleaned?

Top Clean and Mountain Trail can be cleaned with a rubber scraper or hydraulic brush attached to a machine. The sand helps the machine clean manure off the surface more efficiently.

Eliminating mud from the Active Stable is key

... so there is a product for whatever your need

Trail & Track System

Track Systems

The track system is designed to encourage natural feeding behaviours where the horses are motivated to travel between the different feeding stations. Horses travel approx 10 to 15 km per day in the track system (compared to 1 to 2 km in a traditional stable).



Trail obstacles

Much like the horses natural environment, trail obstacles can be included to provide enrichment. This can include logs, wood, rocks, trees, herb gardens and much more.



Drinker Systems

Every Active Stable is equipped with automatic drinking systems to ensure the horses never dehydrate. All drinkers are insulated and frost proof to ensure water access is available all year round.



Trail & Track System FAQ

How much space do I need for a track system?

A track system should allow a minimum of 100 square metres per horse. Plus area needs to be built into the system for shelters etc.

How safe is a track system for the horses?

The purpose of a track system is to recreate the horses natural environment therefore it's compromise between this and safety. All Active Stable designs and products are meticulously planned to reduce risks of injury to the horses.



How do the drinker systems work?

Each drinker is fitted to a water and electricity connection. The water pipes are buried underground to prevent freezing and electricity is provided to heat the drinker in the case of cold weather.

Track systems are the heart of the Active Stable

... let us help you make best use of your space

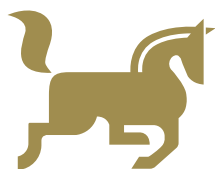
Active Stable Gallery

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Develop your very own Active Stable with Jelka

... and benefit from our collaboration with HIT



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HIT Active Stable - The Future of Horse Keeping