

A close-up photograph of a horse's head in profile, facing right. The horse is eating a large amount of dry hay, which is piled up in its mouth and around its snout. The horse's eye is visible, and its coat appears to be a mix of brown and grey. The background is dark and out of focus.

**HAU**

KNOW HAU IT WORKS

**FEEDING TECHNOLOGY**

*Made in Germany*

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## CRAFTSMANSHIP AND EXPERTISE IN HORSE FEEDING.

We tend to your needs and help you find the ideal feeding concept for your horses. For us, process-efficient solutions suitable for horses are just as important as innovative approaches. Discover the diversity of our products on the following pages.

HAU. IT WORKS!

Together with  
you, we will  
develop the  
ideal feeding  
concept for  
your stable.

## FEEDING SUITABLE FOR HORSES

In nature, horses spend between 10 and 16 hours per day looking for and taking in food. They take in many small portions of fodder. Therefore, horses may aptly be called permanent eaters. The physiology of their entire digestive system is made for that.

Despite domestication, their original eating habits have not changed. The horse's metabolic system is designed for the intake of numerous small portions of fodder during the day.

When horses are used for sport, hay is not sufficient as basic fodder to provide the required energy. Therefore, fodder concentrate is added. It mainly consists of grains or mixes of cereals, minerals, and vitamins.

In conclusion, to feed your horses appropriately, provide them with numerous small portions of fodder during the day! Especially in case of roughage, it is important to avoid feeding breaks of more than 4 hours to prevent health issues

# ROUGHAGE



## HAU HAY BOX

Due to its sloped and space-saving design, the HAU Hay Box may be placed in any corner of the stall.

It consists of a kick-proof wooden frame and a fodder net which lowers as the filling level drops. The HAU Hay Box may also be retrofitted in existing stalls at any time.



R|01

## HAU HAY BOX MOBILE

This is a further development of our HAU Hay Box. Just like the HAU Hay Box, the cart is protected in the stall by a kick-proof wooden frame and it comes with a fodder net. To fill it, the cart is simply pulled into the aisle. The HAU Hay Box Mobile may also be retrofitted in existing stalls at any time.

Dimensions:

appr. height 75 cm x width 74 cm x depth 75 cm



R|02

## HAU HAY BOX AUTOMATED

Optionally, the Hay Box or also the Hay Box mobile can be equipped with an electrically operated shutter. In this way, access to the hay supply can temporarily be limited.



R|03

## CORNER HAY RACK

Due to its space-saving design, the rack may be placed in any corner of the stall.

The vertical bars are welded at a safety spacing of 50 mm. The sloping bottom ensures continuous supply of hay behind the grid. The entire rack is hot-dip galvanized and may be filled from the aisle.

Dimensions: appr. height 180 cm x width/ depth 50 cm



## OHNWEILER RACK

The Ohnweiler Rack consists of a hot-dip galvanized trough and cover.

Customers may choose between two versions: two grids moving towards each other or a fodder net. Both the grid and net are placed directly on the hay and change their position as the fodder level drops. For filling purposes, the cover may be folded upwards. The floor of the trough has a dust slot to facilitate cleaning.

Dimensions: appr. height 55 cm x width 90 cm x depth 55 cm



## HAU FLOOR RACK

The HAU Floor Rack is available in three different widths, with front or rear filling. To control the feeding speed, the bar spacing of the grid is adjusted. Due to its sophisticated design, the HAU Floor Rack is suited for outdoor use, too.



R|08

## HAU HAY FOX

To further dose the feeding quantity, the HAU Hay Fox comes with a time-controlled shutter. Otherwise, it has the same design as the HAU Floor Rack in terms of filling, dimensions, and materials used. Even the bar spacing of the grid is adjustable. With its sturdy shutter, the HAU Hay Fox doses the fodder in up to 15 portions across the day. The system requires a supply voltage of 24 V.

Dimensions: appr. height 130 cm x width 100/140/180 cm x depth 65 cm



R|09

## HAU HAY DEPOT

The HAU Hay Depot is a storage feeding rack that may be integrated into the paddock fencing or placed in the paddock. It is available for round or round and square bales. It offers 2 to 5 feeding places. These can be optionally equipped with the HAU Hay Shutter „S“ to limit access to the fodder. Filling takes place via the large swing gates.

Dimensions of rack for round and square bales:  
appr. width 290 cm x depth 175 cm x height 230 cm

Dimensions of rack for round bales:  
appr. width 180 cm x depth 180 cm x height 250 cm



R|10



R|11



R|12



R|13



## HAU HAY CORNER

The HAU Hay Corner is used for convenient storage feeding of roughage in the stall. It is integrated into the front of the stall to save space. Filling takes place from the stable aisle via doors. The horses enter through feeding openings that are equipped with adjustable tubes.

There are two versions: A small one for feeding one horse and a larger one for feeding 2 horses in neighbouring stalls. Optionally the feeding openings can be equipped with the HAU Hay Shutter „S“ to limit access to the feed for a limited time.



## HAU HAY SHUTTER „S“

The HAU Hay Shutter „S“ is also available as a stand-alone component, for example for a feeding grid. It closes upwards so as not to injure the horse. With the additionally available control unit, the shutter can open and close up to 15 times per day. With this time control, the hay feeding can be individually arranged.

Dimensions: approx. height 200 cm x width 66 cm

## FEEDING STANDS FIXED

The feeding stands are ideal to deliver roughage or fodder concentrate in group keeping.

Each feeding stand is equipped with chest bars which may be adjusted in width. Due to the shape of the chest bars, horses feed in a natural grazing position and do not touch each other's heads in the feeding section. The Douglas-fir panelling provides openings at the top to allow horses a vast view.

Dimensions: appr. length max. 350 cm x width 80 cm



## FEEDING STANDS VARIABLE

These feeding stands have a slightly changed design compared with our fixed stands. The chest bars are connected to a sloped wooden board which serves as a fodder stop and allows for feeding in a natural grazing position. A solid wood visibility protection in the head area calms down the horses during feeding.

The separators may be swivelled for machine cleaning. They consist of a welded frame with horizontal bars. At the bottom, a floating rubber mat is connected to the frame.

Dimensions: appr. length max. 350 cm x width 80 cm



## HAU SAFETY FEEDING GRID

The HAU Safety Feeding Grid is composed of bar segments and openings. The bar segments consist of vertical bars (dia. 27 mm) welded with a safety spacing of 50 mm.

The feeding openings are formed by sturdy chest bars. One chest bar is fitted per feeding opening, which is used to set the feeding width. The panelling at the bottom serves as a fodder stop.

Dimensions: appr. width 242 cm x height 235 cm



## HAU HAY SHUTTER „XL“

The HAU Hay Shutter „XL“ was developed for the comfortable supply of a horse group. It is made up of the HAU Safety Feeding Grid and a time-controlled shutter mounted behind the grid.

This allows access to the roughage to be limited in time. It consists of two plates that slide down one after the other when opened.

When the defined feeding time is over, the plates close upwards. This gives the horses the possibility to take their heads out comfortably and safely. The additionally required HAU Control Unit (HCU) is available separately.





# CONCENTRATE

## STAINLESS STEEL TROUGH

This high-quality feeding trough is made of stainless steel. Its semi-circular shape ensures that there are no corners or edges. The removable drain plug allows it to be rinsed out for quick cleaning.

Dimensions:

approx. width 55 cm x height 19 cm x depth 34 cm



C|01

## CAST ALUMINIUM THROUGH

This massive cast aluminium trough warrants a long life. Due to its semi-round shape, it prevents injuries caused by sharp edges. A removable rubber stopper facilitates cleaning. The volume is approximately 26 litres.

Dimensions:  
appr. width 58cm x height 19 cm x depth 35 cm



## PVC TROUGH

The particularly hard-wearing material warrants for a long life. All edges of the trough are rounded so that no horse will take harm. A removable plug facilitates the cleaning process. The volume is approximately 21 litres.

Dimensions:  
appr. width 53 cm x height 15,5 cm x depth 35 cm



## PVC CORNER THROUGH

The particularly hard-wearing material warrants for a long life. All edges of the trough are rounded so that no horse will take harm. A removable plug facilitates the cleaning process. The volume is approximately 36 litres.

Dimensions:  
appr. width 41,5 cm x height 27,5 cm x depth 41,5 cm

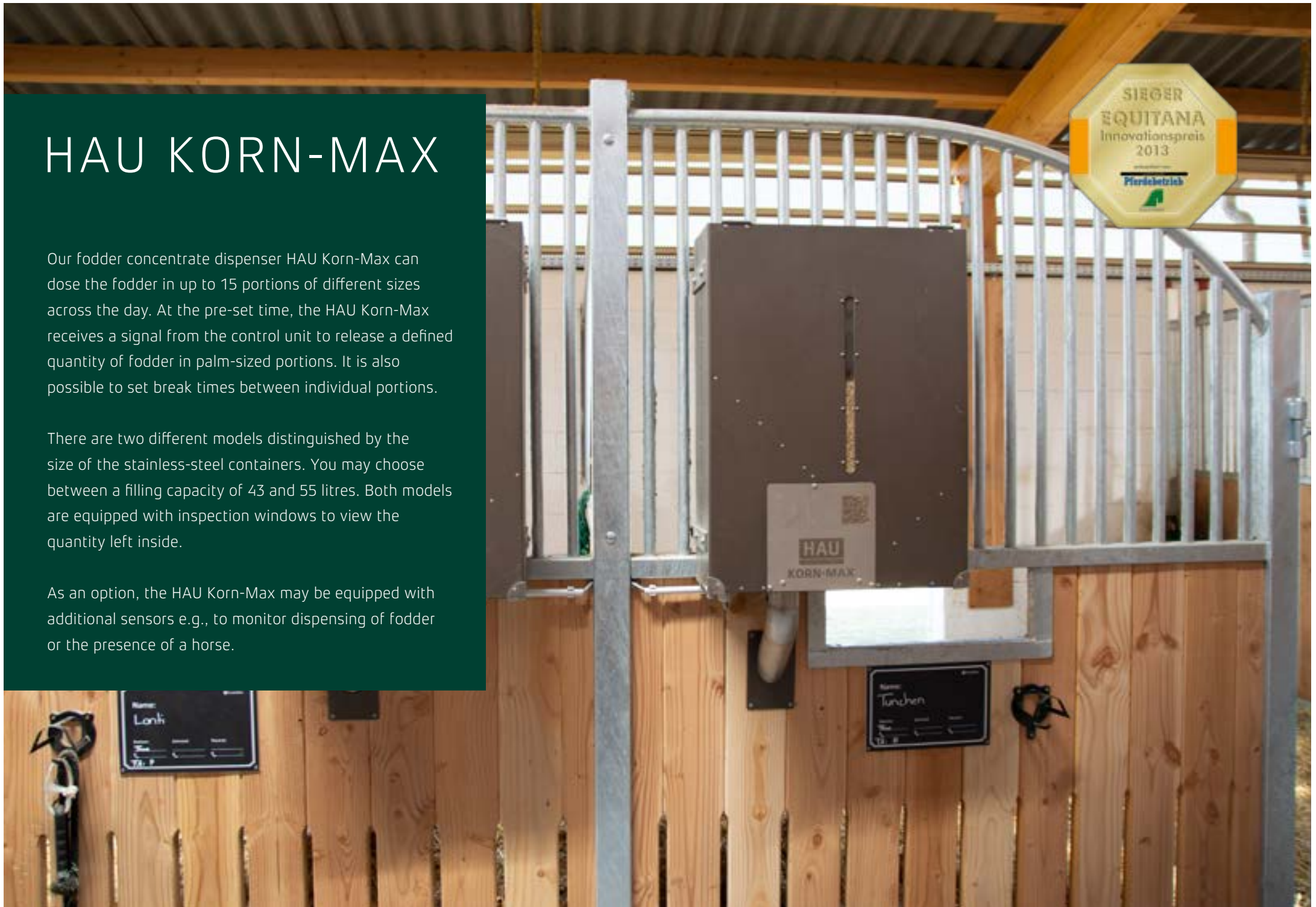


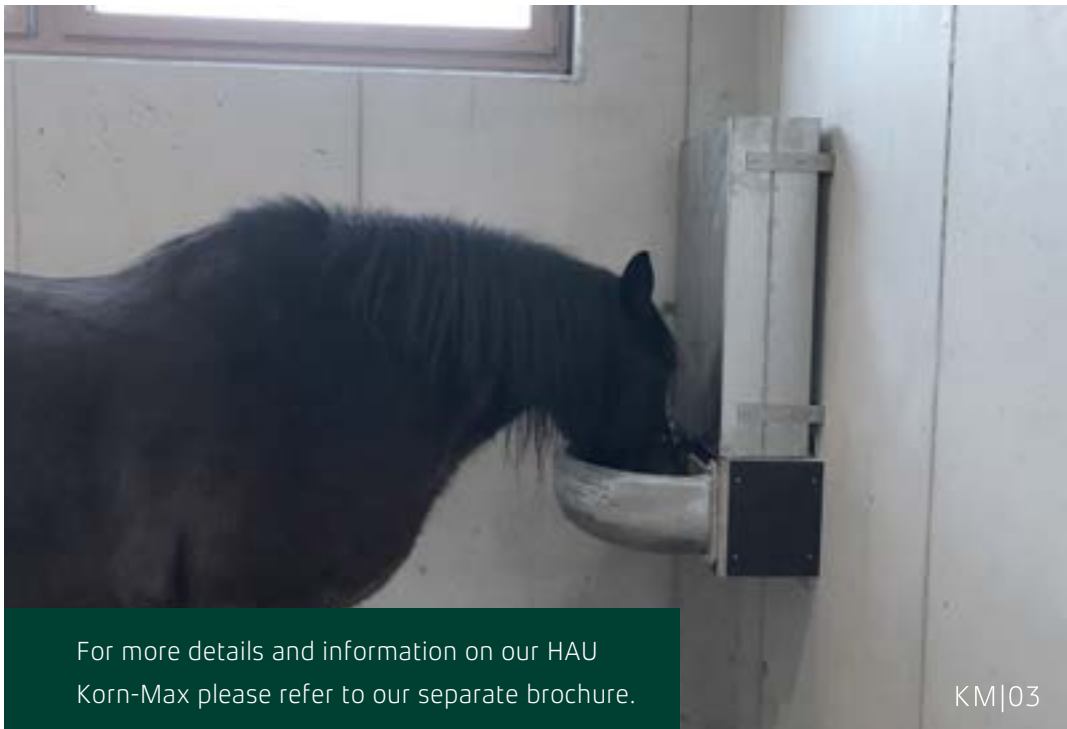
# HAU KORN-MAX

Our fodder concentrate dispenser HAU Korn-Max can dose the fodder in up to 15 portions of different sizes across the day. At the pre-set time, the HAU Korn-Max receives a signal from the control unit to release a defined quantity of fodder in palm-sized portions. It is also possible to set break times between individual portions.

There are two different models distinguished by the size of the stainless-steel containers. You may choose between a filling capacity of 43 and 55 litres. Both models are equipped with inspection windows to view the quantity left inside.

As an option, the HAU Korn-Max may be equipped with additional sensors e.g., to monitor dispensing of fodder or the presence of a horse.





# CONTROL UNIT: HCU

Our HAU Control Unit (HCU) provides a quick overview of your system at a glance. In addition, it controls all connected HAU Korn-Max systems, HAU Hay Shutter „S“, HAU Hay Fox devices, and add-on features.

## FEATURES:

- Suitable for an unlimited number of devices
- Sophisticated feeding control: variable breaks between individual feeding intervals
- Status of the entire system at a glance
- Error notification
- Optional integration into your network
- Optional remote maintenance
- Optional remote control via mobile devices, such as smartphones or tablets



## ADD-ON FEATURES

### **Monitored dispensation with the HAU Korn-Max**

With this feature, you ensure reliable feeding. A sensor is installed in the pipe through which the fodder is dispensed into the trough. It monitors whether fodder is dispensed at the pre-set time. If this is not the case e.g., because the system is empty, the control unit notifies malfunction.

### **Presence monitoring with the HAU Korn-Max**

This feature allows you to monitor the presence of a horse and its intake of fodder. Moreover, you can control how the HAU Korn-Max handles these situations (horse present or not).

### **Watering trough monitoring**

With our HCU control unit, you can monitor your watering troughs with sensors. Thus, you can see whether and how often your horses use them. If a horse fails to take in water for a longer time, you will be notified.



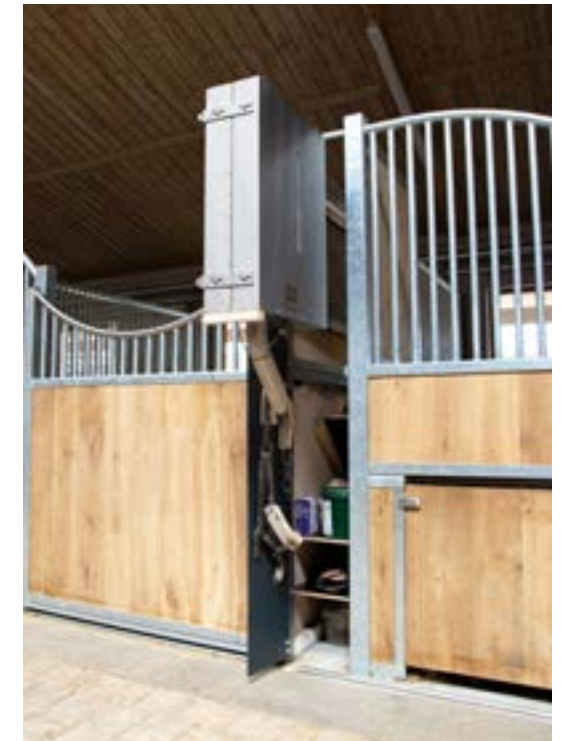


**Project:** new building

**Implementation:** 2019 – 2020

**Scope of project:** 6 horse stalls from the Inspiration series, paddocks with HAU Hay Depots for round and square bales partly equipped with our time-controlled HAU Hay Shutter „S“, 6 HAU Korn-Max devices with a console for installation in the stall with integrated feeding and presence monitoring, an add-on module for remote maintenance via the Internet, various accessories.

**Special requests:** The goal was to optimise feeding both for man and horse. The concentrate is fed by our HAU Korn-Max and feeding is completely tracked by the sensors. The horses are provided with hay via HAU Hay Depots in the paddock. Storage feeding reduces the workload and ensures short breaks during feeding. In case the horses cannot handle the permanently available hay, HAU Hay Shutter „S“ (time controlled by our HCU) may create feeding breaks. The internet module of the HCU also provides full control of feeding even remotely.



**Project:** renovation/ modernisation  
**Implementation:** 2021/ 2022  
**Scope of project:** 25 boxes from the Inspiration series with HAU Duraboard in front and partition walls, 25 HAU Hay Boxes automated, 25 HAU Korn- Max, 4 Pony stalls with paddocks, 1 HAU Inhalation Stall, feeding technology for group keeping, 1 examination stand and various accessories.

**special requests:** Despite the low fronts and open stalls with sliding doors, a possibility was found to accommodate the feeding equipment without disturbing the visual. The HAU Korn-Max is installed in a cabinet parallel to the partition wall and is only pulled into the stable aisle for filling. The sensors not only monitor feeding, but also the dosed water quantity of each drinker. For roughage feeding, the HAU Hay Box has been further developed with a time-controlled lid that limits access to the roughage.



Discover our stalls!

[www.hau-horsecstalls.com](http://www.hau-horsecstalls.com)



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Information and technical specifications subject to change.