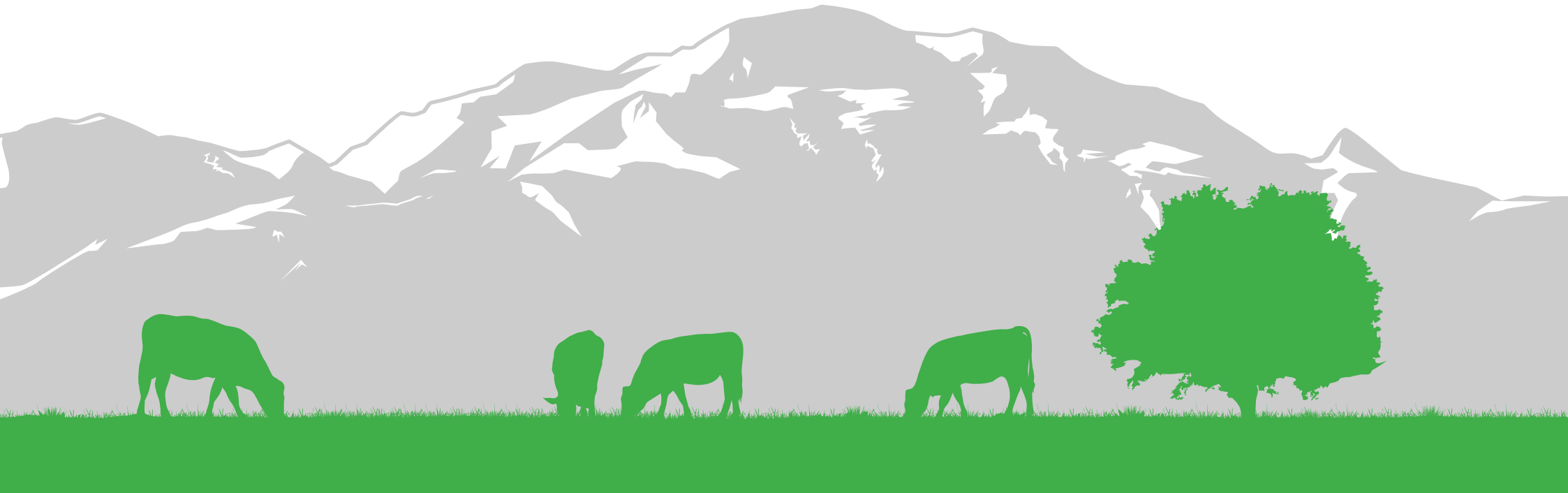


>> HOLISTIC SOLUTIONS AND INNOVATIVE
BARN MANAGEMENT FOR ANIMAL AND
HUMAN WELL-BEING <<



Homepage





AUTOMATIC FEEDING

- High production dairy cow barn - up to 6 feedings per day, in the production group.
- The feeding robot uses the proven Hetwin in-floor magnet system to navigate.
- Feed is stored in specific containers to ensure precise feeding rations.

STALLBOY 500 – AUTOMATIC FEED PUSHER ROBOT



The compact and economical Stallboy 500 is especially suitable for medium and small feed operations, but still includes many features of the larger Stallboy Feed, such as the Fresh-Feeding Software.

	<i>STALLBOY FEED</i>	<i>STALLBOY 500</i>
Fresh Feeding Software	✓	✓
Self-driven push drum	✓	✓
Suitable for hay, silage or green fodder	✓	✓
Optional Concentrated Feed attachment	✓	
Battery Pack	2 x 95 Ah	2 x 60 Ah
Weight	1,366 lbs (620 kg)	1,036 lbs (470 kg)
Magnetic orientation marks	✓	✓



ASTOR – BEDDING SYSTEM



THE HETWIN ASTOR BEDDING ROBOT CONSISTS OF TWO PARTS:

STORAGE CONTAINER

The system can handle various products including sand, manure solids, wood shavings, chopped straw, bean stubble, or corn fodder. Storage containers are designed and equipped to stir and convey the material into the robot. If square or round bales are desired, the storage container can be upgraded to include knives for bale processing and storage of up to 4 bales.

ASTOR BEDDING ROBOT

The second part is the ASTOR Strewing Robot. Suspended from an overhead track, it runs silently through the barn, spreading the bedding material. It can be programmed to run different routes at set times. While in the PARKED position, the ASTOR re-charges its batteries.



Pig farm



Scraper conveyor with bottom scraper and milling cutter



Astor XXL with side strewing band



Bulk material bunk for lime-straw mixture or sawdust

HETWIN AVENGER pickup



THE REVOLUTION IN STALL DESIGN

After two years of intensive development and a test phase in our experimentation barn, we are proud to present the newest farm innovation product, the HETWIN AVENGER pickup robot for the collection of animal waste.

HOW THE HETWIN AVENGER MANURE COLLECTING ROBOT WORKS

Instead of just pushing manure, the Avenger collects and deposits manure in receptacles. The robot has been specially developed specifically for solid floors, but can also be used on mixed solid surfaces and slatted floors. The manure is conveyed into a 450-liter collection container by means of a screw rotor converging in the center. The 70-liter water tank at the front ensures adequate moisture so that the manure is optimally absorbed. The nozzles on the back ensure a non-slip floor. Optionally, liquid additives can be automatically added to reduce emissions.

High-quality materials such as stainless steel ensure a long service life. Hetwin's sensor technology, using reference magnets embedded in the barn floor, allow the robot to orient and position itself completely automatically.

Thanks to the 1.8m wide clearing blade, only a few trips per walkway are required, keeping animal stress to a minimum. The low height of 0.68 m allows the robot can easily pass under the barn partitions. Creating and managing routes is quick and easy on PC, tablet or mobile device. The parking and loading position also acts as a drop point for manure. Once the Avenger is parked, it opens the door on the undercarriage and releases the contents.



ADVANTAGES OF HETWIN AVENGER pickup

- Better animal welfare through continually cleaned walkways
- Cost savings thanks to easier barn planning and construction
- Easy installation for both old and new barns, and simple replacement of old cleaning systems (e.g. inexpensive conversion from tie stall barns to free stall barns)
- Ability to separately collect the solid and liquid parts and empty them in two different receptacles (separate storage of liquid manure and solid manure).
- Fewer emissions and odors in the barn
- Low noise thanks to modern electric drives



Manure collection with screw rotor