

ITECHROBOTICS

I-BOLD



▶ I-BOLD

I-BOLD autonomous feed pushing robot is a battery powered robot that pushes the feed towards the feeding fence of the barn. With its unique rwiated pushing system, it pushes the feed loosely into the feeding fence without pressure, preserving the freshness and quality of the feed. I-BOLD autonomous feed helix; the vehicle pushes the feed/hay against the feeding fence as it moves along. This allows cows to have access to more fresh food throughout the day. The operator programs a route for the I-BOLD robot to follow by using the robot's application on the smartphone. Routes can be programmed flexibly. The operator may choose to push more feed in certain areas of the barn at certaintimes of the day. - The robot can also sprinkle the desired amount of concentrated feed or minerals on the feed to attract cows, with its optional special apparatus. Owing to this process, feed intake and milk yield are increased.



WHY USE I-BOLD?

More and frequent feed intake

Significant increase in milk quantity with its more frequent visits to the feeding fence +2 kg/ per day

Increase in the duration of feed usage 24/7

Saving in workforce. Up to 30.000 TL per year

Decreased work force

A single robot can roam in between different barns

ENHANCED PRODUCTIVITY

The unique rotary motion of the I-BOLD's feed helix renews the feed as it is automatically repositioned to the feeding fence. This action makes the feed more attractive to cows.

INCREASE IN THE WORK EFFICIENCY

Pushing the feed by using human power is an old, time-consuming and costly method. For this reason, it is a job that is sometimes skipped when the work is intense and the workers are busy. I-BOLD puts an end to these problems by working 24/7 and just in time. Feed pushing, which is done at certain periods, saves 30.000 TL of personnel cost per year when compared to manpower.



PEACEFUL COWS

I-BOLD remixes the feed and relocates it evenly across the feeding fence. This results in less weeding and a more even feed distribution. In this way, timid animals are provided with a less stressful environment.

ENCOURAGES EATING FEEDS REGULARY

Thanks to the stimulating light and sound on the I-BOLD, cows visit the feeding fence more. Therefore, less feed is wasted and the time spent eliminating feed waste is reduced.

Regular visits on the feeding fence by cows

Better cow traffic

Decreased competition in the feeding fence

Better animal health

Mixes different types of diets

Adaptability to different feeding volumes

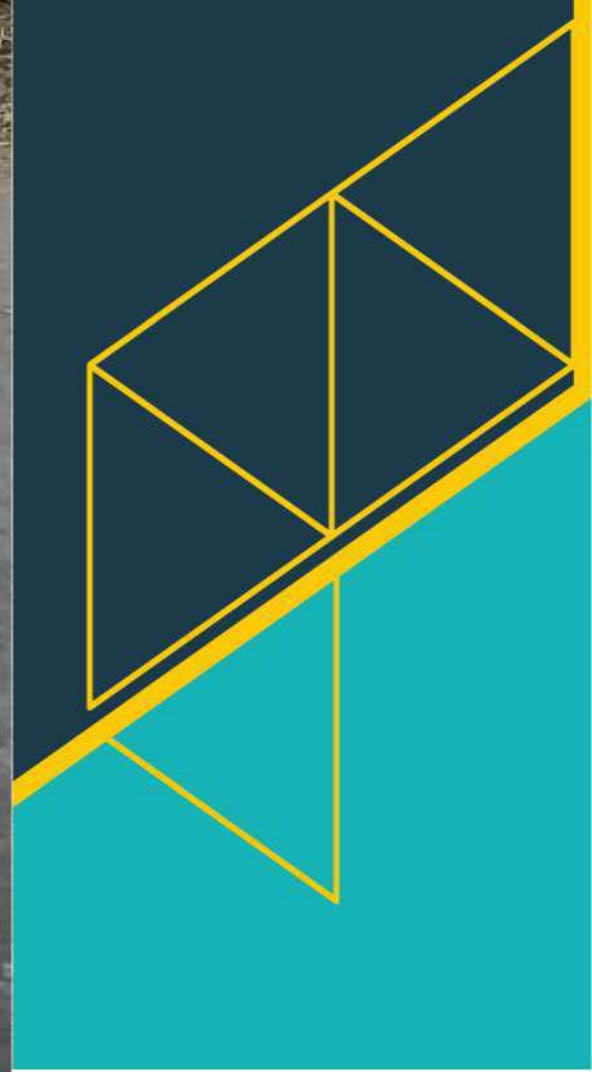


SAVING OF TIME AND COST

Increasing feed pushing frequency encourages cows to come to the feeding fence more often and to increase their feed consumption. By automating this repetitive job, you can significantly reduce your labor requirements and fuel costs while increasing the feed push frequency. In this way, I-BOLD autonomous feed pusher makes your days more flexible, feeds more effectively and will make your business more successful.

FREQUENT USE OF MILKING ROBOT

When used with the milking robot, I-BOLD provides more visits to the milking robot. More visits means higher milk production, especially for timid cows. In this way, the milking robot is used more efficiently.



TECHNICAL SPECIFICATIONS

WEIGHT(KG):	600 KG
SPEED:	1.5 - 2 M/S
CHARGING TIME:	120 DK
TIME OF USE:	940 DK
HEIGHT FROM THE GROUND:	4 CM
EXTENT(CM)	130 CM
WIDTH(CM):	100 CM
HEIGHT(CM):	170 CM
DRIVE SYSTEM:	ELECTRIC
MAX GROUND INCLINATION:	5%
WORKING TEMPERATURE:	-20°C +50°C
DOOR CONTROL:	OPTIONAL
OBSTACLE DETECTION SYSTEM:	OPTIONAL
MOBILE APPLICATION:	OPTIONAL
OUTSIDE USAGE:	STANDARD

REMOTE ACCESS

With the I-bold mobile application, we use the bluetooth connection for remote control and monitoring. The same robot can be displayed on many devices. Operations can be done easily with its user-friendly software.

EASY-TO-USE SOFTWARE

With its minimal and easy-to-use software, the work plan of the robot can be made automatically or manually.

LOW POWER USAGE

The charging station tht can be installed anywhere in the barn is used as a starting, waiting and final destination to I-BOLD.



MORE RELIABLE

I-BOLD brings real robot technology to your feed table. The intelligent navigation system ensures that it is always where it needs to be. It is ready to reposition the feed for your cows.

I-BOLD works automatically and returns to its charger. With its advanced sensors, it automatically stops when it's blocked by a person, object or animal. It automatically continues to work when the block is removed.

MORE SERVICE FRIENDLY

I-BOLD is designed to be easy to maintain. There are few parts to replace and no lubrication required. It's very easy to keep your i-bold in perfect condition.





CHEAPEST
PRICE
GUARANTEE



GUARANTEE
SPAN

1 YEAR

CREDIT CARD
PAYMENT
OPTION



CREDIT
PAYMENT
OPTION



ITECHROBOTICS

INNOVATIVE SOLUTION WITH HIGH TECHNOLOGY



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