



BEDDING ROBOT

ROBOTIC BEDDING SPREADER



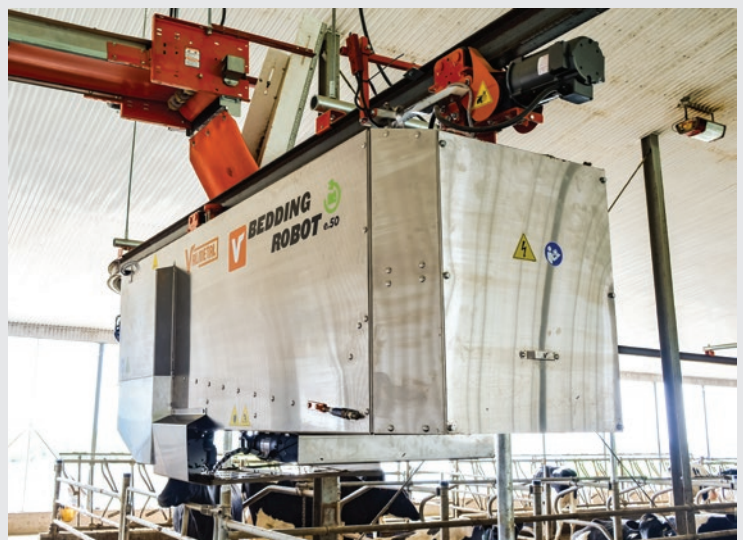
**SAVES TIME
SAVES MATERIAL
BETTER COMFORT FOR ANIMALS**



The Valmetal Bedding Robot is a robotic bedding spreader mounted on a rail. A programmable controller automatically manages the loading and distribution of bedding into stalls or pens. The versatility of the Valmetal Bedding Robot is unique and can work with different type of bedding.

ADVANTAGES

- Battery operated for easy, low cost of installation
- Entirely made of stainless steel
- Adapts to most barn configurations
- Works with several types of bedding such as green bedding, straw and saw dust
- Less waste of bedding material
- Greatly reduces manual labor
- Easy adjustment of spreading pattern to optimize the efficiency of different types of bedding
- Can cover two rows of stall with one rail
- Easily controlled remotely with an Android tablet (included)



DELIVERING COW COMFORT... AUTOMATICALLY!



APRON CHAIN

The apron chain speed can be adjusted to optimise the spreading for different types of bedding material. The apron carries the bedding material to the beaters, where it is fluffed up before dropping into the discharge.



DISCHARGE

The discharge operates in two modes: direct discharge mode drops bedding into stalls directly below the unit, while the optional power spinner can distribute bedding to either side of the robot. At low speed, bedding reaches to the other row of stalls, allowing one-pass coverage of double-row stalls. Running the variable speed impeller at maximum speed allows it to cover wide pens in a single pass.



RAIL SYSTEM

The versatile rail system fits most barn configurations. The Bedding Robot can easily and silently make its way through the entire barn on this overhead rail to distribute the bedding without disturbing the animals.

The rail deviators shorten the routes to deliver bedding to the maximum number of stalls in the minimum amount of time.

The robot constantly tracks its position, allowing it to deliver different amounts of bedding to different group of animals.



LOAD CELL

Loading and unloading of the correct amount of bedding is automatically controlled by the electronic scale in the panel control box.



BATTERIES

The Bedding robot is powered by four rechargeable maintenance-free batteries. The charging sequence starts automatically every time the Robot stops at the charging station. The intelligent battery charger monitors the battery condition and stops automatically when the batteries are totally charged.

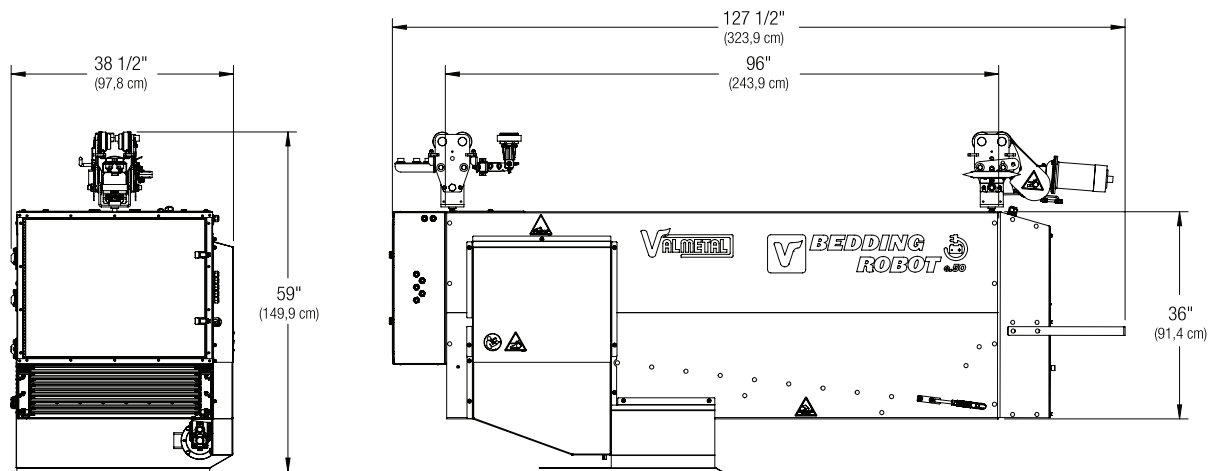


CONTROL PANEL & TABLET

The 7" (18 cm) color touch-screen makes it easy to set the desired routes, the optimum spreading pattern, and the amount of bedding delivered to each area. The Android tablet (included) duplicates the on-board touch-screen, so all adjustments can be made remotely. The Bedding Robot uses the same reliable technology that has been well proven in Valmetal's robotic feeding systems.

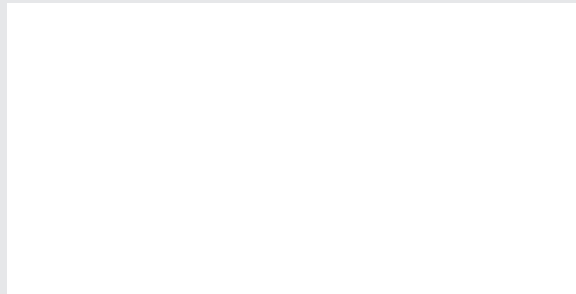


LENGTH	WIDTH	HEIGHT	WEIGHT	TUB CAPACITY
128" (324 cm)	39" (98 cm)	36" (92 cm)	1340 lb (608 kg)	50 cu ft (1.4 m ³)



Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without prior notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.

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