

MacDonald Steel Limited

Environmental Systems Division

Dust Collector/Filtration Units – Fans – Ducting Systems – Shredders – Hogs – Balers

BIN COVERS



MacDonald Steel Bin Covers are the most effective way to handle your processing waste

Bin Covers are designed to fit any standard 40 cu. Yd container, providing an economical, clean method of handling your wood waste and maximizing the load per bin.

The *MacDonald Steel* Bin Covers bolt directly on to your bin providing maximum fill with minimum effort, the bin covers are manufactured to *MacDonald Steel's* high standards with:

- Heavy duty screw flighting
- High torque direct drive power transmission
- ¼" mild steel frame with 10 Ga. Cross broke roof panels
- Quick and easy disconnect for bin removal and replacement
- Electrical interlocks to provide optimum safety and provide advance warning of overfilling
- Illuminated operator friendly control panel.
- Single or dual bins available
- Anti-slip grit applied to complete cover
- No center bearings to replace inside the bin cover
- Slide gate inlet, sealing inlet when bin is in transport

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Operation

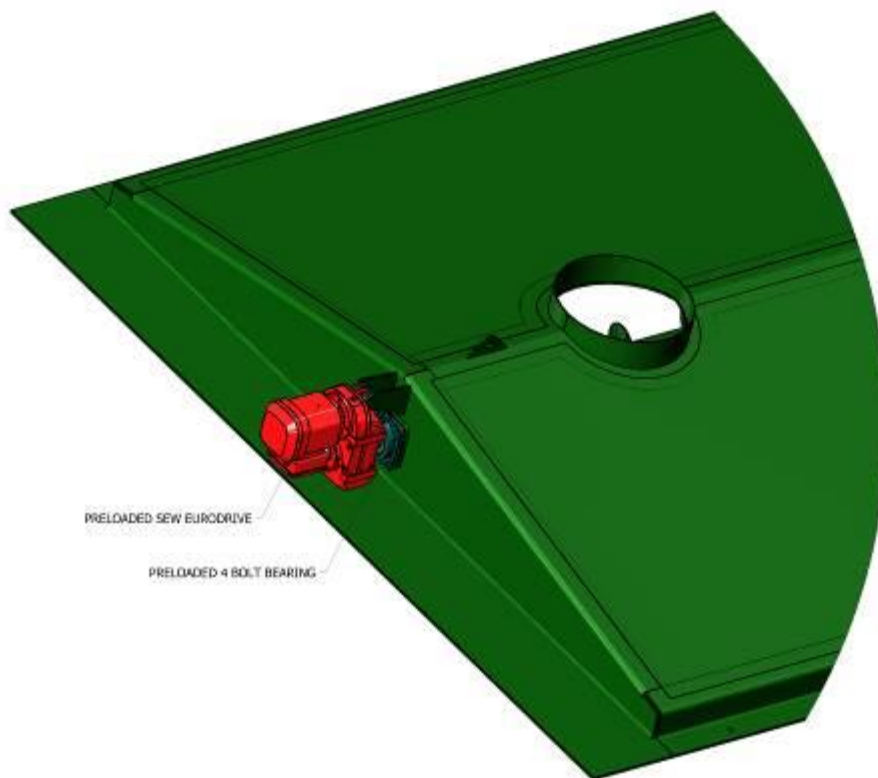
Sawdust and wood waste collected by your filter unit is discharged through an airlock into the bin cover inlet, the accumulated wood waste is then augered towards the back of the bin maximizing the capacity, once the bin has reached the predetermined fill level the operator is notified that consideration for removing and replacing the full bin is required.

The bin can be removed and replaced with an empty bin or automated to a double bin system screw system to provide uninterrupted production and a clean worry free method of storing and removing your wood waste.

Maintenance

Bin Covers have been designed with little to no maintenance required. The unit comes equipped with preloaded direct drive SEW Eurodrive Gear Motor. There are 2 sealed 4 bolt bearings, these units are preloaded and require no grease.

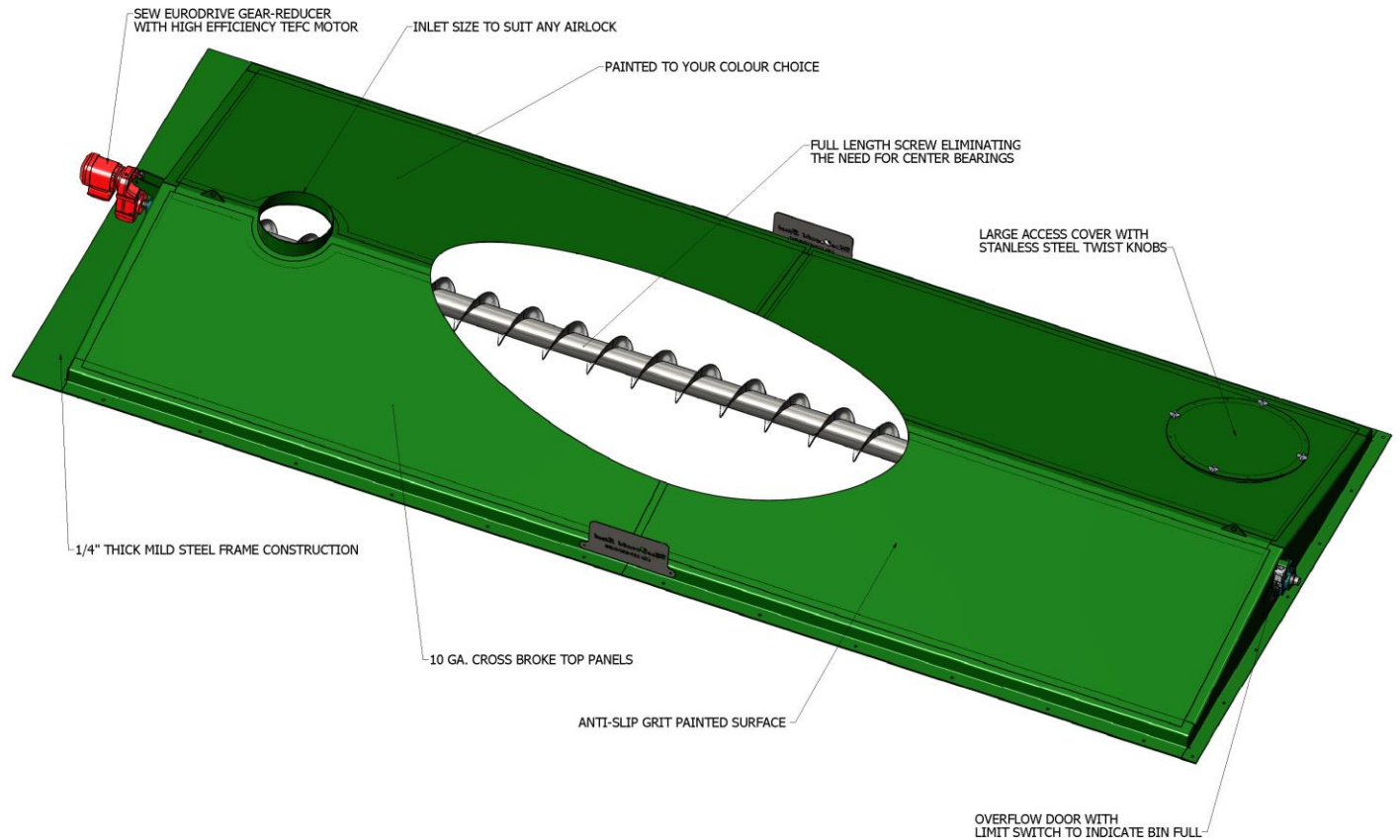
It is recommended to have an annual inspection of these components to insure oil levels and oil life is optimal for future.



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MacDonald Steel offers the complete package. We design, manufacture, install and service our equipment

- Dust Collection Equipment
- Pneumatic Conveying Systems
- Paper Trim Removal Systems
- Woodwaste Handling Systems
- Airlocks and Bin Covers
- Fans, Standard and Custom
- Abort Gates
- Spark Detection Systems
- High Pressure Systems
- Service and Parts Department

MacDonald Steel bin covers can be supplied with new or existing applications, see your technical sales representative to see how a *MacDonald Steel* bin cover can work for you.