



# DRY MATERIALS BULK BAG UNLOADER

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BBU  
MARCH 2022



**Azano's AZ-BBU is a versatile and functional method of reducing manual handling and effectively allowing the unit to be held enabling the stored material to be transferred.**

The bulk bag unloaders (BBU) are engineered for loading up to 2 tonne bulk bags into the frame. These are designed to suspend the bulk bag in situ. The unit is designed where the bulk bag can be lifted into place either using a forklift or a supplied, mounted and certified electric monorail. Discharging the product directly below the bulk bag is carried out through the transfer chute, then into a screw conveyor, screw feeder, eductor or to a receiver for pneumatic conveying. The design (manual option) operates through the use of a forklift elevating a frame suspending the bulk bag onto the support structure. There is also an option for an electrical monorail that alleviates the use of a forklift to raise and lower the bulk bag.

The support structure enables the bulk bag to rest on the massaging plates that supports the load of the bulk bag while providing gentle movement with the use of a pneumatic massaging system through the base of the bulk bag during discharge of the product. The massaging system is pneumatically controlled manually (on the panel) via pushbuttons where the regulation controls are housed, mounted to the side of the framework.

As the bulk bag is lowered into position, the discharge chute from the bulk bag outlet is placed in through the top of the transfer chamber. The operator can then open the access door and unfasten the bulk discharge chute allowing the product to flow out through the transfer chamber. The transfer chamber also has a spigot where a dust extraction unit (optional) can be adapted to minimise dust emissions.

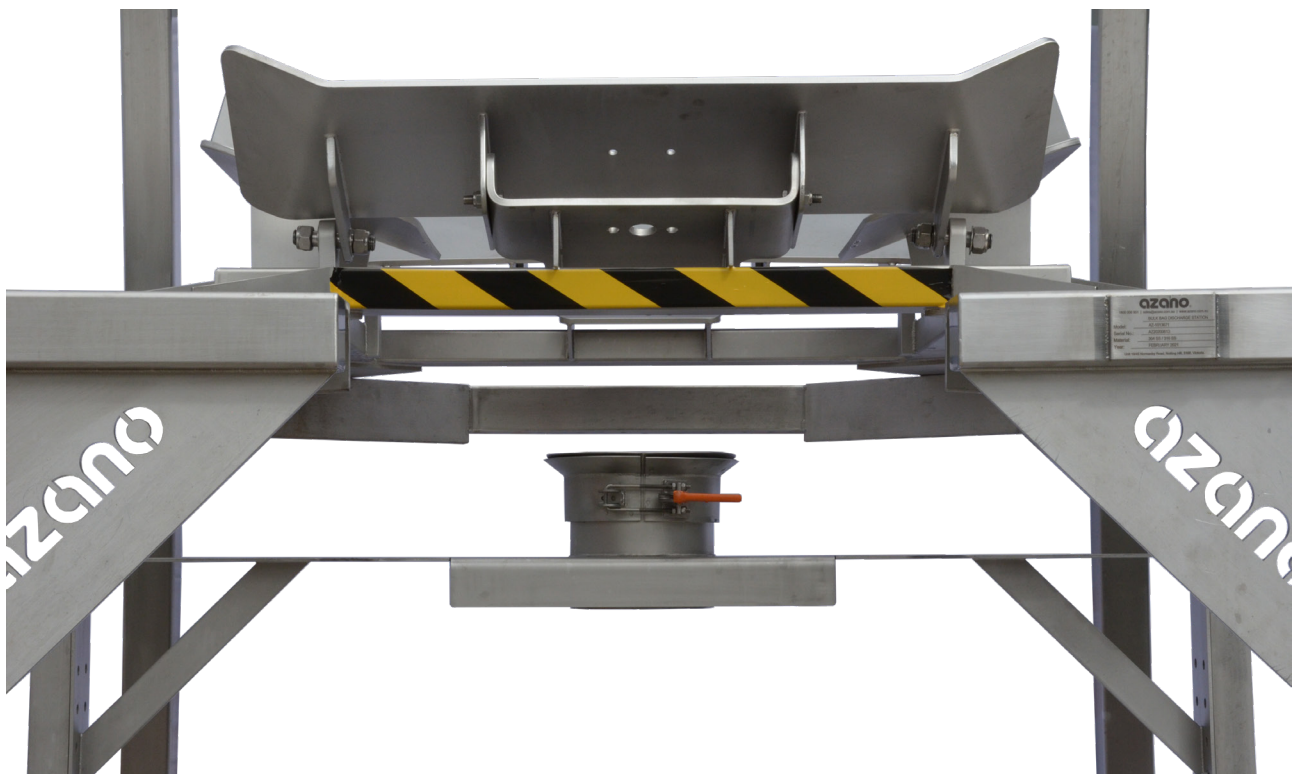
As the massaging plates pneumatically raise and lower against the bottom of the bulk bag, the product flows into the transfer chamber.

Once in the transfer chamber, the product can be discharged either to a transfer screw conveyor, screw feeder, eductor or receiver for pneumatic conveying.

### **Backup**

Azano's many years in the industry provides the ability and expertise to select the design features required to accurately feed a vast variety of materials.

Since the handling characteristics of materials vary from one source to another, the Azano AZ series are designed to provide a high degree of versatility ensuring success where others fail.





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