



Debris Lift Unit - DLU

Handling device for disposing of foreign matter

VOGELSANG – LEADING IN TECHNOLOGY

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Handling device for disposing of foreign matter

The Debris Lift Unit (DLU) is the answer to many requests from the field for an automatic solution to move separated foreign matter into a container.

The heavy material ejected by the Debris Removal System (DRS) during ongoing operation is automatically tipped into a collection container by the DLU shortly after. With a tipping height of well over 1 m, containers with a large volume can be used that only need to be emptied occasionally.

The entire lifting process is automated so that monitoring and manual intervention are no longer necessary. Thanks to that handling foreign matter becomes more hygienic and small amounts of foreign matter doesn't have to be removed manually. In addition, the manual control makes maintenance and cleaning easy.

The DLU has been designed specifically to work with the Vogelsang DRS System and can be retrofitted quickly and easily, no matter whether the basic machine is a PreMix, RotaCut RCX or DebrisCatcher. The DLU is simply bolted on to the discharge flange of the DRS. After installing the DLU and connecting it to a single phase power source, it is immediately ready for use.

Advantages

- Foreign matter ejected by the DRS is automatically lifted and tipped into a collection container
- The need to regularly remove small amounts of debris manually is eliminated.
- Manual monitoring and interventions are not necessary for handling foreign matter
- It can be combined with a wide variety of collection containers
- Quick and easy installation / retrofitting
- The area is kept clean and tidy.



Specifications	
Dimensions (W x D x H)	2,150 mm x 800 mm x 2,250 mm
Weight	approx. 200 kg
Drive data	0.3 kW 50/60 Hz, 85–365 V
Drive – Protection class	IP 54
Tipping height	1,100 mm
Capacity of the conveyor cage	Coordinated with the DRS; approx. 15 l
Duration of a pump cycle	approx. 1 min
Design	Galvanized steel or painted
Capacity, optional roll container	600 l