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*Waste disposal with a system*

## The expired reel disconnection machine from the 410 series

With the expired reel disconnection machine from the 410 series, Deltoid offers you modular systems technology for surface waste in the coil area. The reel residues are detached from the core and, as with the head waste, they are shredded, vacuumed and transferred by type to the recycling system via the shredder systems. The steel case can be fully removed from paper or aluminium residues and directly recycled with an optional cleaning device.

These automated processes reduce costs, increase the speed in the production process and provide a higher degree of working safety. The manual, in-plant material transportation is minimised. The Deltoid extraction components can also be installed below ground, which means that, upon new construction of a unit, you need considerably less space for the lift truck paths.

You are using tried and tested installation engineering, in which, upon construction, the importance is placed on balanced dimensioning! Only high-quality components are used in the manufacture in order to ensure the reliability of all Deltoid individual components and systems permanently.

The robust structure is designed for tough demands of the production and processing industries in the paper, cardboard, aluminium foil and composite material sectors.

### ***Deltoid installation engineering for maximum economic efficiency***

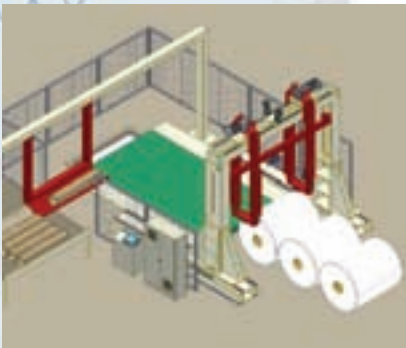
The expired reel disconnection machine is a modularly designed system component. By using this system component, you, as foil or paper producer/processor, are able to achieve the highest prices for waste products separated by type (paper, cardboard, aluminium foil, composite materials etc.

Aluminium scrap separated by type has a considerably higher price as a recycling material.



## Technical Information

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### **Functioning of the expired reel disconnection machine**

A waste coil is brought into the take-up position of the expired reel disconnection machine. There, the coil is clamped by means of individually controlled take-up arms. The automatic machining process can begin.

The waste coil is lifted and the cutting bar is lowered. The cutting tool begins to move back and forward over the coil on its axis and a cut is made with the preset cutting depth each time.

The loosened strips of foil can, for example, be delivered into a baling press and pressed.

As soon as the material is released, the steel sleeve is manually or automatically (optional) removed. The next working process can begin.

### **There is a range of options available for increasing productivity.**

- Waste transportation system
- Residual roller feed table
- Sleeve handling systems
- Shredder systems
- baling press

### **Operational safety**

- The cutting process can be automatically monitored by means of signal interlocks, in order not to overload the next process (transportation, shredding, pressing etc.).
- According to the material specification, an optimisation or desired limitation of the disconnection process can be carried out with the aid of the corresponding parameters.

### **Working safety**

The expired reel disconnection machine from the 410 series enables you, as a producer, to have a higher degree of working safety due to a large number of improvements.

- Optimisation of the handling
- Reduction of manual workload
- Reduction of the noise level
- Reduction of in-plant transportation

### **The advantages for the expired reel disconnection machine at a glance**

- High economic efficiency
- Easy return of waste into the production cycle
- Short-term payback period
- Reusability of the sleeves
- Less manual activity
- Less in-plant transportation
- Low noise level
- Low maintenance costs
- High degree of working safety
- High unit availability



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