Technical Information
Decoiling adapter
Wieland decoiling adapter for level wound coils (LWC)
The Wieland wooden decoiling adapter was developed as an economic, durable and easy-to-handle solution for decoiling level wound copper tube coils and is a more sustainable alternative to disposable decoiling adapters made of cardboard.

Decoiling adapter assembly (see Figure 1):
The decoiling adapter consists of two groups of components, namely the stationary components (Pos. 1-2) and the removable components (Pos. 3-6). The removable components can be fixed to / removed from the stationary components by means of three safety pins (Pos. 5).

First mount the decoiling adapter once to the pivoted arbor of your decoiling equipment. The stationary components consisting of the rubberized metal drum (Pos. 1) and the wooden main flange (Pos. 2) will remain fixed to your decoiling equipment permanently.

Use the 3 adjusting screws (Pos. 6) to adjust the decoiling adapter to the width of the LWC material (leave some additional clearance).

Loosen the 3 safety pins (Pos. 5) to remove the removable components consisting of counter flange (Pos. 3), metal triangle (Pos. 4), and adjusting screws (Pos. 6). The metal triangle will serve as a handle.

Apply the LWC material to the rubberized metal drum (Pos. 1) as shown on page 3 (Fig. 5). Fix the removable components to the stationary components by means of the locating bolts and secure it with the 3 safety pins (Pos. 5). Now adjust the exact width of the LWC material by using the 3 adjusting screws (Pos. 6).

Technical data (see figure 2):
Mounting hole diameter: 130 mm
LWC weight: max. 300 kg,
LWC inside diameter: 600 mm
LWC outside diameter: 750–1.150 mm
LWC width: 220–330 mm
Handling Instructions (see Figures 3–7):

It is recommended to use a crane with crossbar and Wieland lifting belt (Wieland article no. 629400200)

Lift the LWC material from the pallet to working height (Fig. 3).

Turn the LWC material into vertical position (Fig. 4)

Place the LWC material onto the rubberized metal drum (Fig. 5-6)

Remove the lifting belt, attach the counter flange and secure the metal triangle as described in Figure 1 (Fig. 7).

Now cut and pull out the copper straps.

Service notes:
- Keep the decoiling adapter dry and clean
- Check for damages regularly and don’t use it in case of damages
- Regularly lubricate the thread and joint of the adjusting screws

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