

Instruction Manual

FIX-Winder No. 1621

- Direct Drive with hydraulic engine
- The drum can be started and stopped with a lever
- Letting go of the lever stops the drum
- With 3-point-suspension (Category I)
- Guide Frame for wire and string
- Sturdy Frame

For extracting and simultaneously winding all kind of materials, such as wire, string, film, dripping hoses, irrigation tube, Frolight infrared tube

Suitable drums:

Conical steel winding drum with removable aluminium disc

Ø 600 mm no. 1622

Ø 800 mm no. 1680 (see illustration)

Ø 1000 mm no. 1681

Plastic drum Ø 800 mm no.1623



Production and distribution:

KME-AGROMAX GmbH · Holderackerstr. 6 · D - 79346 Endingen

Tel. 07642/3233 · www.kme-agromax.de



With this FIX-Winder you have purchased a high-quality and solid German quality product. The device should make your work easier and always function to your complete satisfaction. To ensure that this is the case and remains so for a long time, please follow our recommendations and instructions for your safety.

Please make yourself familiar with the device before you start working with it.

Important note on the Road Traffic Regulations

When driving on public roads, make sure that the attached device does not cover the rear lights and indicators. Following traffic must be able to see the lights without restriction.

Do not drive on public roads with a filled drum.

You can use different drums for winding and unwinding:



Conical steel winding drum

No. 1622 Ø 600 mm

No. 1680 Ø 800 mm

No. 1681 Ø 1000 mm

Front disc is removable

For winding materials that usually have to be disposed of such as wires, strings, dripping hoses

Ideal for the first unwinding of brand new hoses.

Mounting:

Put the drum on the shaft of the FIX-Winder and secure it with a linch pin.



Plastic drum

No. 1623 Ø 800 mm

Front disc is not removable

For winding materials that usually have to be stored such as drip tubes, foils, fleece, nets, Frolight infrared tubing.

Ideal for storage

Mounting:

Put the **adapter no. 1626** on the shaft of the FIX-Winder and fix it with the enclosed screw.

Put the plastic drum on the adapter and secure it with the safety splint.

Connection to the hydraulics

Attach the FIX winder to the 3-point suspension on the tractor. Secure the suspension on the upper and lower link with folding cotter pin.

Connect the hydraulic hoses correspondingly to the forward and return flow.

Red plug-in coupling = return (with non-return valve)

Green plug-in coupling = flow

Winding drum operation

First let the tractor run in neutral. If you pull the control lever towards you, the winding drum will run clockwise. If you push the lever in the other direction, the reel rotates to the left. When you release the lever, the frictional connection will be interrupted and the drum stops immediately.

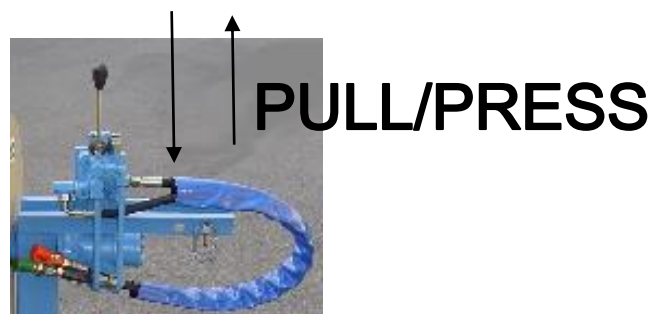
With the neutral setting, you can unroll the material by hand. (Press the lever twice over the stop).

Extracting and winding old wires and binding strings with the conical winding drum

The old wires must be detached from the poles and vines before pulling them out. The wires should not get stuck. Fastening hooks, holders and loops must be removed beforehand.

This also applies to binding string. It is advisable to cut away the vine tendrils that have grown in. Be careful that the wood that is cut off does not swirl up. This can cause injury and interrupt the winding process.

Wires and strings that get stuck should not be pulled free by increasing the speed. There is a risk of broken wires snapping back and injuring the operator. See risk of injury/safety instructions.



Operation

Place the tractor with the FIX-Winder always in the direction of drive so that the wire guide is positioned in the middle of the line. The operator stands on the side of the control lever.



Fix the wire ends from a wire frame to the winding drum. However, first guide the gathered ends through the wire guide before inserting them through the slot on the winding drum or fixing them to the tension release device.

Start the tractor and switch on the hydraulics.

Control lever functions:

Pull = clockwise rotation Push = left rotation 2 x Push above stop = idle rotation.

When the control lever is released, the "dead man" function comes into effect immediately and the winding drum stops immediately.

An overrun is not possible as the oil motor is used as a brake.

Avoid that the winding drum gets too full.

In the case of extra-long rows of wires, it is better to reduce the number of wires. Small handy packages are easier to handle than large heavy reels.

1000 m wire 2.5 mm thick = approx. 36 kg

Caution - risk of injury / safety instructions

Please follow the safety instructions at all times when working. Wear safety goggles, close fitting clothing and avoid scarves.

Do not touch rotating parts when the machine is running.

Keep your hands away from the winding drum when it is running and winding wires.

Do not stand behind the winding drum. There is no guide for the wires at the end of the winding process and they can stick out. Stop the winding drum before the wire ends slide out from the wire guide.

In case of malfunction, e.g. blockage of winding, release the handle and switch off the motor.

Unloading and loading of the conical winding drum

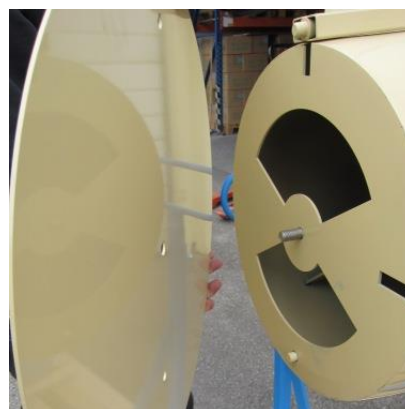
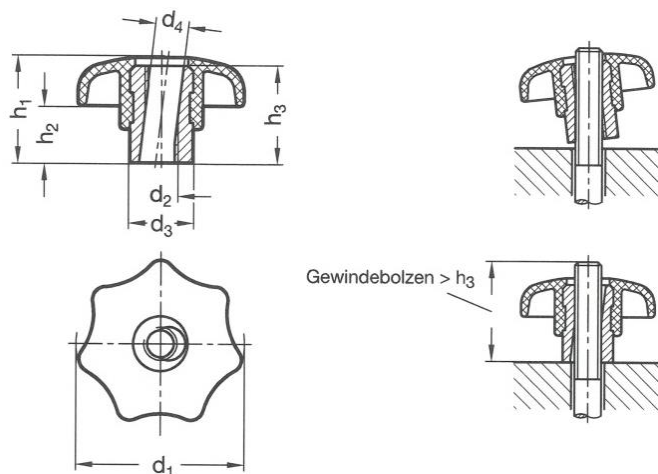
With the quick release star knob you can open and easily remove the front disc. The release bars will unlock and the wire, binding strings or other material can be easily removed.

After removing the material, put the disc on again and fix the release bars in position.

The knob is tilted over the threaded spindle. When in position, the knob is brought into a straight position for mating of the two threads on the insert and spindle. The star knob will then have to be turned only by a fraction of a rotation to achieve clamping.

The quick release star knobs are used in such applications where the knob has to be completely removed after the releasing operation and mounted again rapidly for re-clamping.

Functional safety exists only if the clamping surface lies at a right angle to the threaded bolt.



We recommend that at least 2 people are involved in pulling out and winding up. This is because it cannot always be avoided that a wire gets stuck.

A second person can quickly solve the problem and an efficient workflow is achieved.

Winding and unwinding drip tubes, foils, nets, fleece, Frolight infrared tubes with the plastic drum.

Remove all fastening materials such as clips, holders, hooks, loops before winding.

If you want to wind with the FIX Winder while driving, use the **frame extension no. 1621.1**. It enables you to turn the FIX-Winder 90° and unwind the tube by driving forward. No second person is required.

Operation

Attach the winding material to the plastic drum.

Start the tractor and switch on the hydraulics.

Control lever functions:

Pull = clockwise rotation Push = left rotation 2 x Push above stop = idle rotation.

When the control lever is released, the “dead man” function comes into effect immediately and the winding drum stops immediately.

Use the conical winding drum made of steel if you want to unwind **original rolls of drip tubing (300 - 500 m rolls)**. Set the lever to idle so that you can unwind the tube by hand. You can also unwind hydraulically.

With the hydraulic **flow control no. 1624** you can steplessly adjust the rewinding speed.

Adapters are available for following drums:

Netafim no. 1626

Irritec/Saelens no. 1627

Kunststofftrommel no. 1623

Maintenance

During maintenance and servicing work, be sure to disconnect the rewinder from the hydraulic connections.

Annually check the screw connections and fastenings for correct hold.

After 5 hours of operation check hydraulic connections for tightness.

Annually check hydraulic hoses for tightness. Hydraulic oil must not leak and enter the environment.

Technical data

FIX-Winder no. 1621

Dimensions: 930(L)x750(W)x1130(H), weight: 63 kg without drum

Winding drum: max. 140 rpm

Tested by the Agricultural Employer's Liability Insurance Association.

Warranty conditions

Check the device for completeness of the scope of delivery upon delivery. Please inform the supplier immediately in writing of any complaints.

Transport damage or damage to the packaging that is visible from the outside must be claimed immediately from the shipping company.

The warranty claim expires after repair by the buyer or dealer without the manufacturer's consent. The same also applies if non-manufactured spare parts are used and damage is attributable to these. The warranty expires in the event of improper and intended use.

The unit is designed exclusively for normal use in vineyards, orchards, gardens and fencing (intended use). Any other use is considered improper. The manufacturer is not liable for any damage resulting from this. The risk for this is carried by the user.

Intended use also includes compliance with the operating, maintenance and servicing conditions prescribed by the manufacturer. The unit may only be used, maintained and repaired by persons who are familiar with it and have been informed about the dangers.

The accident regulations and other generally recognised safety, occupational health and road traffic regulations must be observed.

Unauthorised modifications to the machine exclude the manufacturer's liability for any resulting damage.

The purchaser's right to assert claims arising from defects shall become statute-barred in all cases after six months from the time of timely notification of defects.

EC - Declaration of Conformity according to the EC Directive 2006/42/EC

We, the company

KME-AGROMAX GmbH
Holderackerstr. 6
D - 79346 Endingen am Kaiserstuhl

declare in sole responsibility that the product

FIX Winder no. 1621

to which this declaration relates, conforms to the relevant basic safety and health and health requirements of the Machinery Directive 2006/42/EC.

Endingen, 30.11.2022



Elke Müller, Managing Director