

Order no. 9900.00.35EN01

Operating instructions

***Front land packer
FUPA .../700, .../900***





Operating instructions

Front land packer *FUPA*

Read carefully through these operating instructions and safety precautions (“For your safety”) before operating the implement for the first time, and ensure that they are observed at all times. The person operating the machine must be properly qualified to do so, trained in its use and everyday maintenance, and familiar with the potential hazards and accident-prevention regulations involved. Ensure that a copy of the safety precautions is passed on to all subsequent users. Ensure that all relevant accident-prevention regulations are observed, along with generally accepted safety procedures, health and safety regulations and road-traffic legislation.

Observe all warning notices!

This symbol is used to identify instructions in this operating manual that involve danger.

It also appears on warning stickers attached to the implement.



Voiding of warranty

The front land packer is designed exclusively for normal agricultural use. Any use for a purpose other than this shall be regarded as incorrect operation, and no liability will be accepted for resulting loss or damage. The definition of “use for intended purpose” also covers observance of the specified operating, maintenance and servicing instructions, along with the exclusive use of original spare parts.

The use of non-original accessories and / or spares that do not carry specific approval from RABE will void all warranty liabilities.

We can accept no liability whatsoever for damage, loss or injury resulting from the carrying out of unauthorised repairs and/or modifications to the device.

Claims for missing or damaged items detected at the moment of delivery (transit damage, missing parts) should be made immediately and in writing.

Design range, weights

Ring diameter, 700 mm - single-row (FUPA.../700)"

Heavy-duty version/ring diameter 900 mm – single-row (FUPA.../900)

Basic configuration:

Three-point arm with floating axle, scraper chains.

FUPA 11/700 – FUPA 16/900: with rigid frame.

FUPA 19/700 D – FUPA 20/900 D: with twin-action hydraulic folding mechanism.

Type	Ring Ø in mm	Number of rings	Working width approx. cm	Transport length approx. cm	Transport width approx. cm	approx. kg
FUPA 11/700 (extendible to FUPA 19/700)	700	11	154	162	178	615
FUPA 19/700 (reducible to FUPA 11/700)	700	19*	300	162	329*	1015
FUPA 19/700 D	700	19*	300	162	210	1080
FUPA 25/700 D	700	25*	400	162	210	1330
FUPA 29/700 D	700	29*	450	162	210	1497
FUPA 39/700 D	700	39*	600	162	210	2100
FUPA 8/900 (extendible to FUPA 14/900)	900	8	152	162	178	875
FUPA 13/900	900	13	250	162	260	1295
FUPA 14/900 (reducible to FUPA 8/900)	900	14*	300	162	329**	1380
FUPA 16/900	900	16	300	162	319**	1550
FUPA 20/900 D	900	20*	400	162	230	1900

* No rings are assigned to the tractor lanes.

** The maximum transport width for towed agricultural implements (see article 32, sect. 1 of the German road-traffic regulations – StVZO – and/or your local equivalent) is three metres. Special permission is required for the towing of wider implements. The rules covering the use of oversize road vehicles specify the safety precautions that must be taken whenever such special permission is granted. (Extra lamps and rear-facing lights must be attached when towing in the dark and/or in bad weather conditions.)

Coupling / uncoupling / transporting

The FUPA front land packer is designed for attachment to a cat. II front three-point power lift, but can also be used with a cat. II rear power lift.

When coupling the implement, start by attaching the lower arms to the carrying axle, then retract the support stands and, finally, attach the upper arm. To uncouple, follow the same procedure in reverse order.

Ensure that the three-point linkage is correctly engaged!

During transport, the steering mechanism must be permanently centred using the two pins (Fig.1).

Hydraulic folding mechanism

The front land packer FUPA .../...D can be folded in and extended hydraulically. A twin-action control device is required for this purpose.

Folding and extension must only take place with the implement firmly attached to the tractor.

In order to extend, remove the two locking pins (2, Fig. 2), extend the side elements hydraulically and reinsert the locking pins (3, Fig. 1).

To fold in, follow the same procedure in reverse order.

Field operation

The packer is pulled from the three-point linkage so as not to make the tractor difficult to steer in the field. It must be able to swing freely for this purpose. For this reason, the locking pins (1, Fig. 1) must be withdrawn and kept out of the way during operation so that they do not prevent this swinging movement.

Maintenance

Switch off the engine and remove the ignition key before working on the attached implement!
Do not work under a non-secured raised implement!

Provide the raised device with additional support to prevent accidental dropping!

Before working on the hydraulic system, lower the implement and release the hydraulic pressure!

Do not attempt to replace tyres without adequate expertise or the right tools!

Dispose of anti-freeze and waste oil correctly!

Retighten all screws and bolts about eight hours after initial startup, then check for tightness at regular intervals.

Apply a grease gun to all bearings and lubrication points at regular intervals.



Precautions / road transport

Do not carry passengers, and keep away from the danger area.
Observe the relevant speed limits and traffic regulations when transporting the outfit by road.
Take care when negotiating curves, as towed implements tend to swing out!

Observe the road traffic regulations (StVZO or your local equivalent). These regulations normally make the user responsible for the secure hitching and safe operation on public roads of the tractor and the implements being towed.



The attachment of towed implements must not lead to any excess with respect to the permitted axle load, laden weight or tyre load (depending on speed and pressure) of the tractor. For safe steering, the front axle of the tractor must bear at least 20% of the vehicle's unladen weight.

The distance between the front end/front packer and the centre of the steering wheel /tractor must not exceed 3.5 m. If this "front-end limit" is exceeded, the user must take appropriate measures to ensure that there is adequate driver visibility at farmyard exits, road junctions and crossings. This can be carried out, for example, by assigning a second person to give the tractor driver appropriate instructions.

The maximum permitted width of the load is three metres. A special permit is normally required for moving oversized loads.

No avoidable overhanging item must endanger other traffic or road users (sect. 32 StVZO or your local equivalent). Overhanging items that cannot be avoided must be covered and fitted with warning notices. Safety devices include appropriate lighting and signs around all sides and the rear of the vehicle and towed implement, e.g. red/white striped warning signs (423 x 423 mm).

Additional lighting is required if the towed implement blocks those already fitted to the tractor, or weather conditions make it advisable: e.g. to front and rear, if the towed implement is wider than the tractor's lights by more than 40 cm, or overhangs by more than 1 metre with respect to the existing rear lights.



If attachment of the front packer makes an additional pair of headlamps necessary (with only one set of headlamps switched on at once), a special permit is normally required.

Towed implements and semi-trailers must be fitted with red, rear-facing lights and amber flashing beacons at the sides, and must be driven with the vehicle lights switched on at all times – even in daytime.

You are recommended to obtain the required warning signs, warning stickers and lighting equipment directly from your dealer.

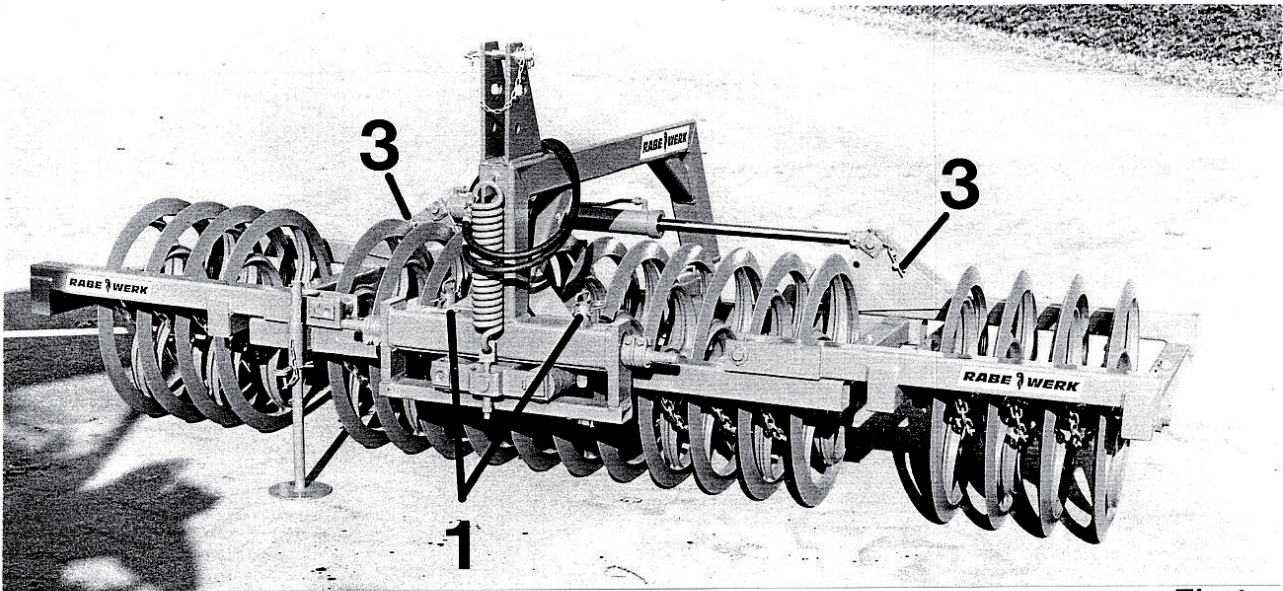


Fig.1

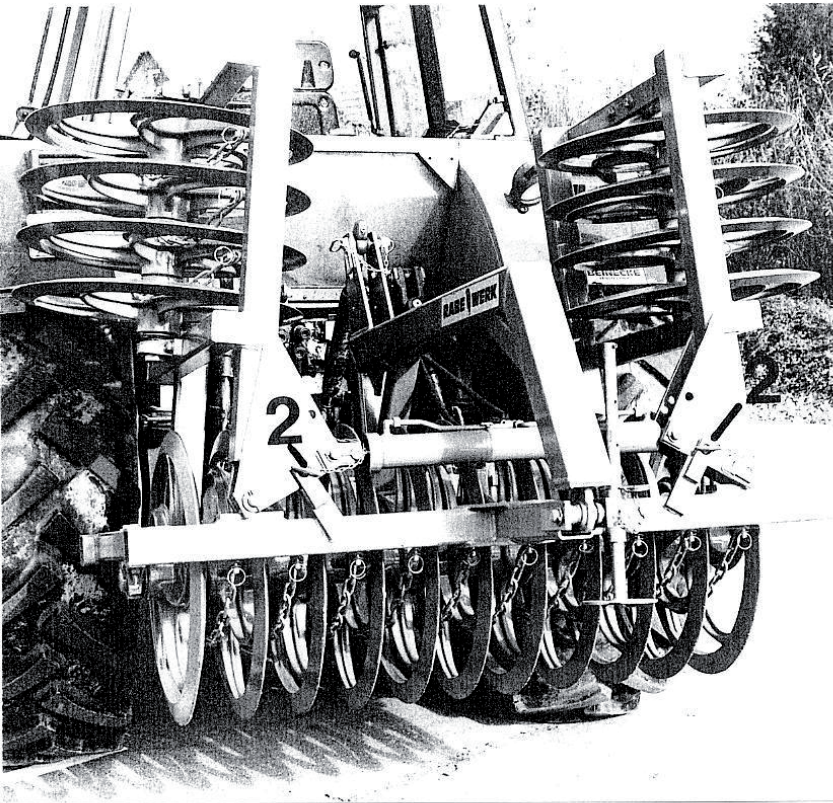


Fig.2