

Order no. 9900.01.48GB01

Operating instructions

Front land packer
FUPA KE 3014





Operating instructions

Front land packer FUPA KE 3014

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 safety requirements 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 the warning notice (DIN 4844-W9)
These warning notices are used in this manual and are found on the implement to indicate danger. (See the corresponding appendix for details of warning symbols.)



Voiding of warranty:

The front 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.

Technical specifications:

Three-point turret with cat. II floating axle

Fixed scraper

Ring diameter: 900 mm

Number of tines: 15

Number of rings: 14

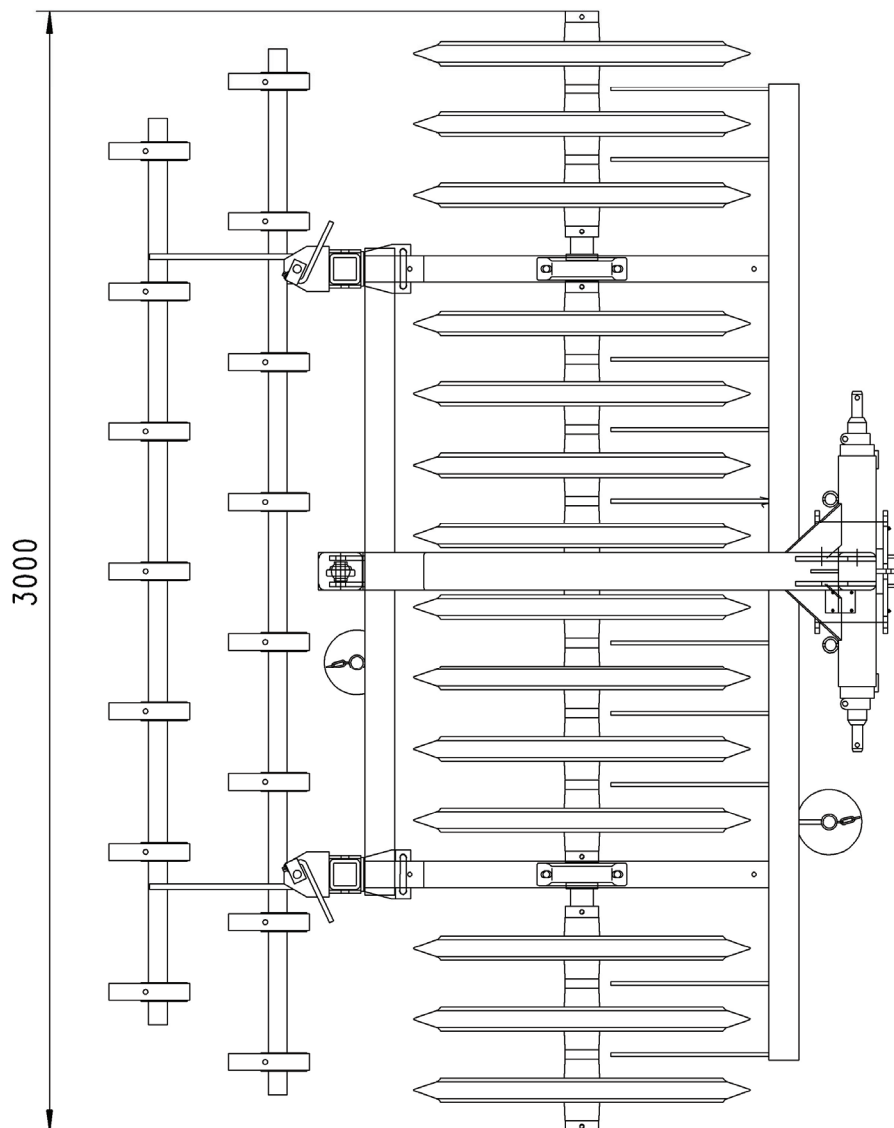
Operating width: 3000 mm

Transport width: 3000 mm

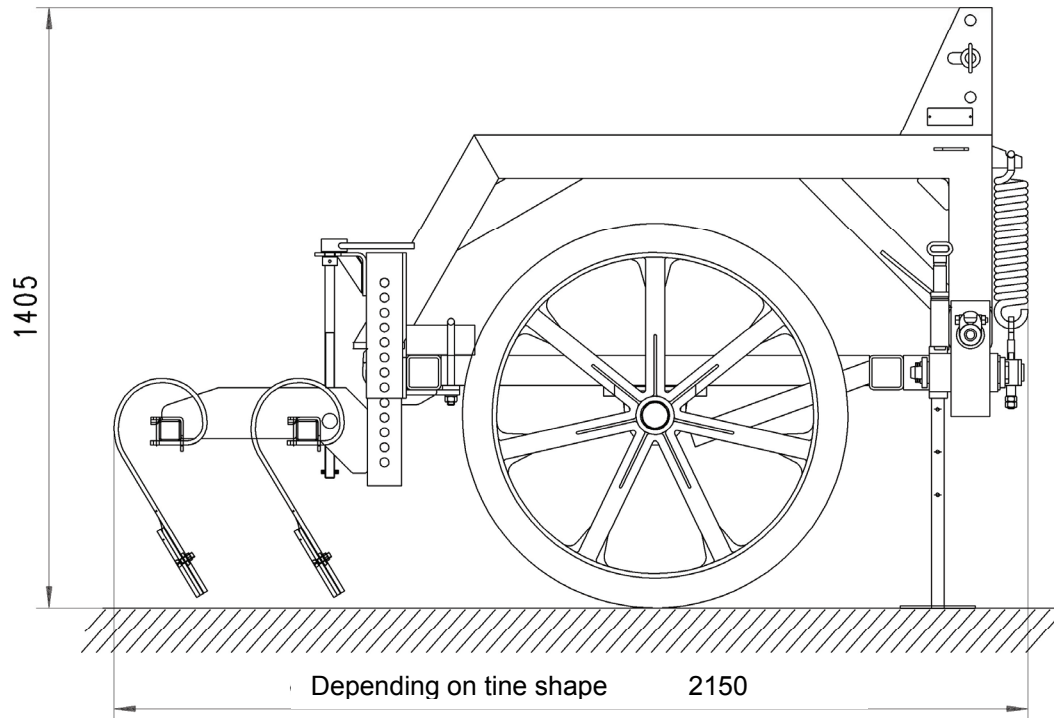
Weight: approx. 1525 kg, with tine assembly

Ring clearance: 190 mm

Plan view:



Side view:



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 or in bad weather conditions.

Safety precautions:

Do not allow anyone to stand between the tractor and the implement during coupling or uncoupling, even if this is to allow operation of the external hydraulic controls. Danger of injury! Always set the tractor's hydraulic lifting mechanism to "attitude control" before coupling or uncoupling.

Check the tractor and implement before each start-up to ensure that they are in perfect working order for driving and operation. The user is responsible for ensuring safe operation!

Take safe steering into account; attach adequate counterweights to the tractor if necessary. Note that there is a danger of crushing and cutting injuries occurring in the area of the three-point linkage!

Before moving or operating the implement, always check to ensure that no one is standing within its turning circle or operating area!

DO NOT stand or ride on the implement, or remain within its turning circle or operating area!

Lower the packer, switch off the engine and remove the ignition key before leaving the tractor unattended!

Always lower the implement before carrying out adjustment or maintenance tasks of any kind.

Take the centre of gravity into account when operating on steep slopes!

Before operating for the first time – or after a long period out of use – check all bearings to ensure that they are sufficiently lubricated, and ensure that all screws and bolts are properly tightened.

- Maximum length of combination (tractor + implement) 12 m

- Width 2.55m, maximum 3 m

- Maximum height 4 m

- Maximum total weight of combination 16t, of which 20% on front axle



Coupling, uncoupling and towing

Check both parts of the coupling for compatibility (cat.: tractor / front packer).

The FUPA KE 3014 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. (The tine assemblies must be removed or disabled in this case; see the section entitled "Tine assembly adjustment").

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).



Fig. 1

1

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 free to swing sideways 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.

Tine assembly adjustment:

The height of the tine assemblies can be set by means of the depth adjustment spindle 2 (Fig. 2).

Remove the pins 3 (Fig. 2) before proceeding. Set the height by turning the depth adjustment spindles. Caution: the tine assembly must be kept HORIZONTAL during use.

Refit the pins (3).



Fig. 2

2

3

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!

Once the implement has been in use for a few hours, retighten all screws and bolts, then check for tightness at regular intervals.

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



Precautions when towing:

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 3.5m. 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 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) and triangles (stripes of 100 mm in width, angled at 45°, running from outside to bottom).

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

If attachment of the front packer makes an additional pair of headlamps necessary (with only one set of headlamps switched on at any given time), 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.

When towing on public roads in Poland, the warning triangle 4 (Fig. 3) must be fixed to the centre of the machine.

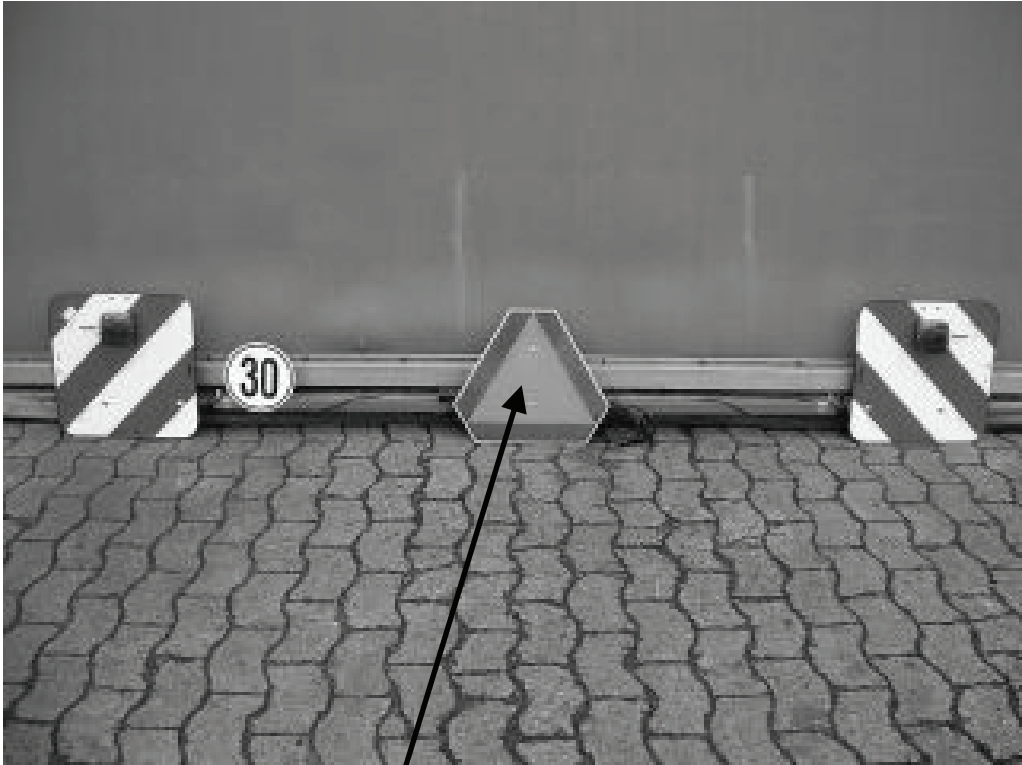
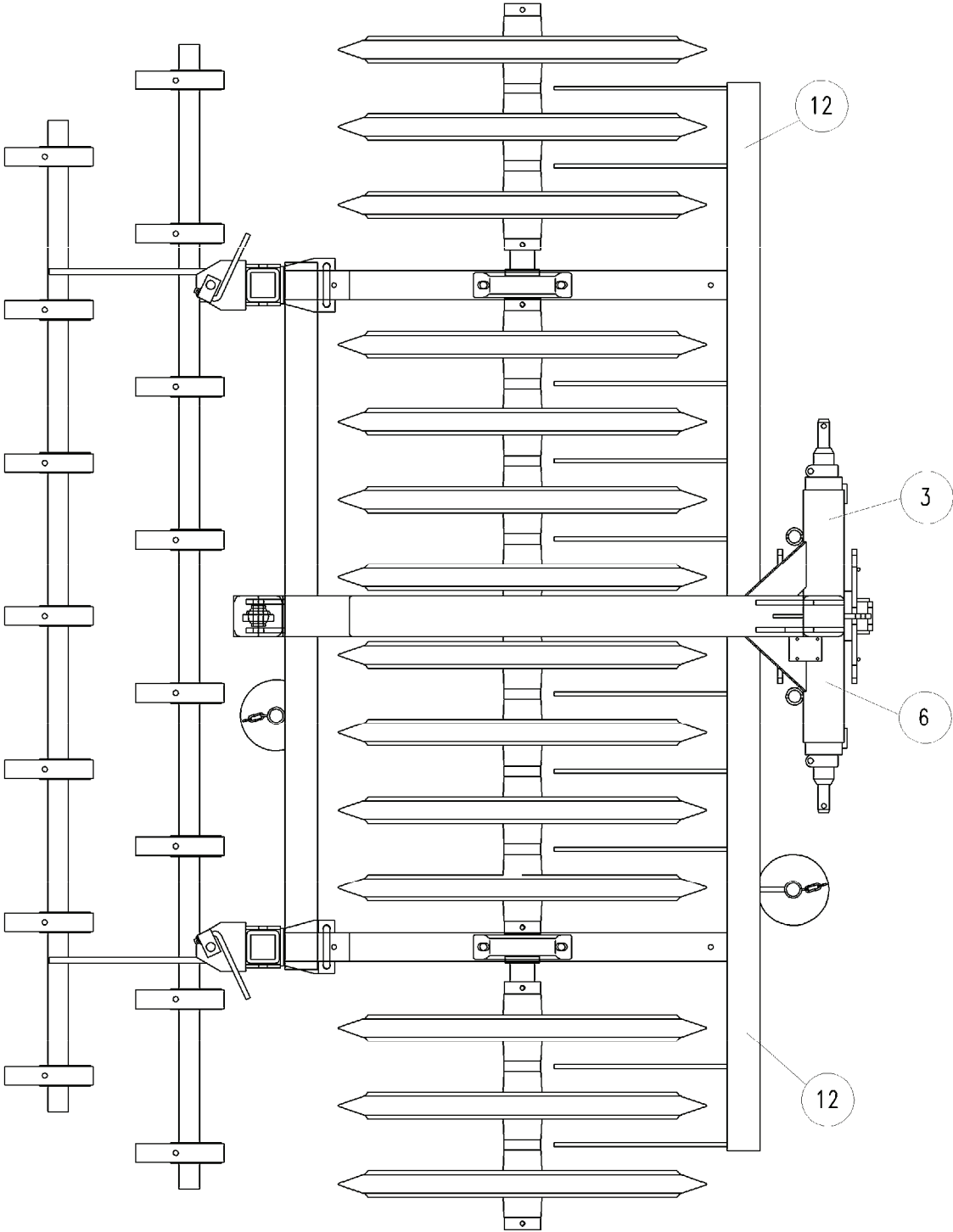


Fig. 3

4

Arrangement of warning signs on the implement:

Plan view:



Side view:

