



Pavo V 140 Plough setting

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Machine no.

EN: Brief Instructions





Valid only in combination with original operating instructions!

1.0 Preparations on tractor

- Check tractor tyres for equal **air pressure**, according to tractor and tyres.
Recommended air pressure as indicated by the tyre manufacturer.
- Check lifting rods for **equal length**.
- Check front and rear unobstructed track width from tractor.
The track width may be approximately 10 cm greater at the front than rear.
- Lower link **laterally manoeuvrable** in working position.
- Front weight, recommended approximately 2 - 2.5 t, bear in mind the tractor axle load..
- Lifting rods must be able to lift by approximately 900 - 950 mm.

2.0 Preparations on plough

- Check and clean hydraulic connections.
- Check settings of skimmers and disc coulter, see operating instructions.
- Set air pressure of combination wheel to **4.0 bar**.

3.0 Attachment to tractor

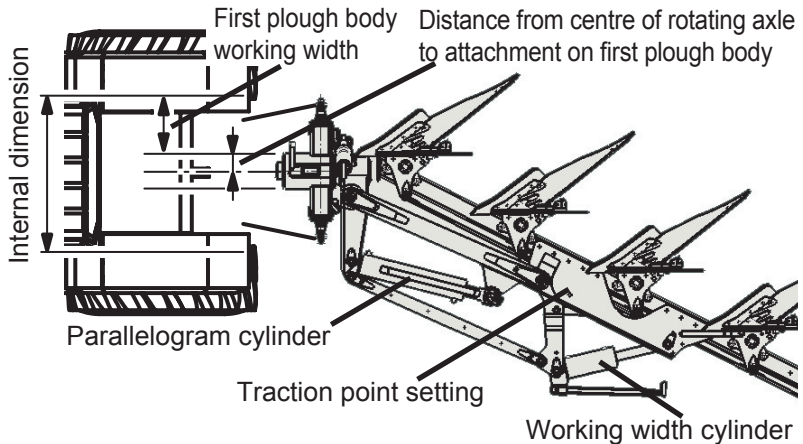
- **Lower link stabilisers** when ploughing - **slack**,
during transportation **tight**.
- Check lifting rods for sufficient plough depth and lifting height.
- Mount top link so that the **top link** rises by approximately 5 cm from the tractor to the plough **when ploughing**.
- **Set hydraulic position** control to mixed control (50%).
- **Caution!** As stated in the operating instructions travel with the plough beam setting in neutral hydraulic position.
- Couple hydraulic connections according to the colour coding
- Select the highest capacity hydraulic connection / Control device on "Green"

- **Working width of first plough body in the furrow:**

Halve the internal dimension between the tractor tyres and subtract the working width of the first plough body.

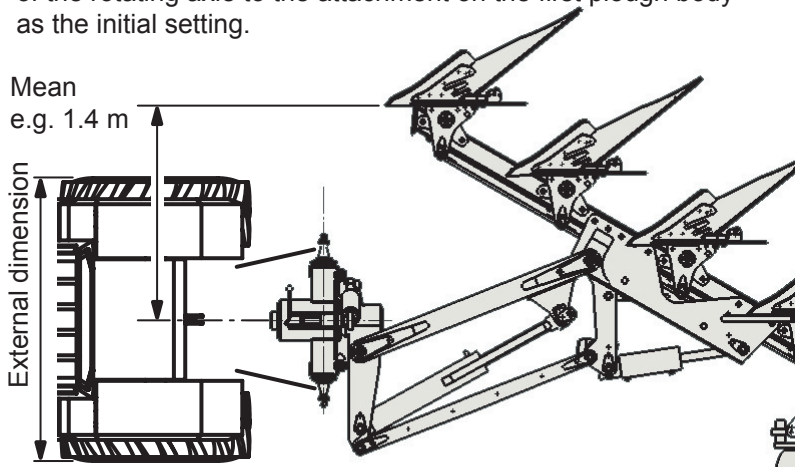
The distance obtained is the distance from the centre of the rotating axle to the attachment on the first plough body.

Caution: In the case of oversteer to the small internal dimension there is a danger of collision between the second plough body and the beam.



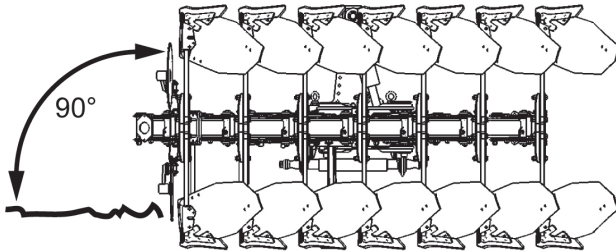
- **First furrow adjustment body on-land:**

Set first plough setting body to a mean, e.g. 1.4 m from the centre of the rotating axle to the attachment on the first plough body as the initial setting.



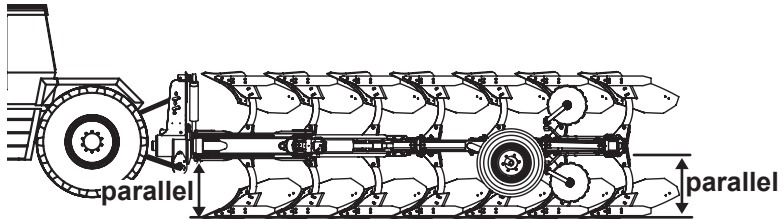
4.0 Basic setting for ploughing

1. Hydraulically set incline to 90° to the furrow with rotation cylinder.



2. Horizontal setting is set by lower link, length of top link and combination wheel setting.

In the case of lower control, attach top link to slot, when ploughing the top link should be attached to the slot.



3. **Traction point setting** is factory set with the frame adjustment shaft
 - If the system pressure increases, the total working width will decrease.
 - If the system pressure decreases, the total working width will increase.
4. Set the working width hydraulically using the working width cylinder. Choose a median width of 45 cm as initial setting.

5. Furrow link-up setting

- By raising the **incline** on the **blade** the first plough body cultivates more earth, angle greater than 90° .
- By raising the **incline** on the **blade tip** the first plough body cultivates less earth, angle less than 90° , **casts the earth more effectively to the furrow slice.**



6. Plough across the gradient

- If the ground is ploughed **slope upwards**, the first plough body will **narrow**.
- If the ground is ploughed **slope downwards**, the first plough body will **widen**.

7. Transportation

- Turn combination wheel into transportation position
- Fold the pickup arm for the packer (optional)
- **Switch off electronic control**
- **Engage transportation lock**
- Mount the hydraulic top link in the slot and lift slightly, this improves road handling
- Apply lower link lateral lock (tractor operating instructions)

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