

## Ploughs

### Single-beam ploughs (width of body: 0,30 → 0,50)



Single-beam ploughs are designed for medium and deep ploughing on various soils. If stony soils occur, ploughs with spring stone release system which effectively protect against the overload and damage are recommended.

The main unit of a plough is a bearing frame which consists of coupler head and hinged beams. It enables to adjust the furrow width.

3 point linkage cat. 3 or 4 enabling the connection of the plough to the tractor consists of a cross shaft with a headstock supported by a long bracket.

3 point linkage is equipped with two adjusted screws which allow to adjust the width of the first furrow width (lateral adjustment) and the pressure of body skids on furrow walls (longitudinal adjustment).

Beams of a frame with handles of plough bodies are connected with a headstock of the frame by bolts and screws (setting the angle of inclination). Adjustment of the linkage in relation to the first body is adapted to classical ploughing.

Plough body beam is mounted in the handle of a frame with a pin and a spring which protect them from overloading. Working width of plough bodies is adjustable from **0.3 to 0.5 m**.

Longitudinal spacing of plough bodies is **900 mm** which together with high ground clearance under the frame (**830 mm**) provide high resistance to plant residue clogs. Gauge wheel which sets the depth of ploughing in the range from **0 to 350 mm** is mounted in the holder of the third plough body.

Additional option are disk skimmers providing for good quality (uniform and shallow) of ploughing the organic matter. Any other manufacturers do not have such an offer. Disc skimmers are attached to the beam of bodies with the aid of holders to allow free adjustment of working parts of the body.

Small widths of the furrow are recommended during pre-sow ploughing, especially on heavy soils which require good crumbling. Large widths of the furrows are recommended to pre-winter ploughing, especially on light and medium soils.

### Technical specification

Symbol	-	U068	U068/1 / U068/2	U068/3
<b>Number of plough bodies</b>	pcs.	3	3+1 / 4	5 (4+1)
<b>Width of body</b>	m		0,30 – 0,50	

<b>Width of plough</b>	m	0,90 – 2,5		
<b>Working depth</b>	mm	do 350		
<b>Clearance under the frame</b>	mm	830		
<b>Plough bodies spacing</b>	mm	900		
<b>Weight (bolt protection)</b>	kg	830	1000	1180
<b>Weight (spring protection)</b>	kg	920	1120	1330
<b>Power demand</b>	kW/HP	55-66 / 75-90	74-88 / 100-120	92-110 / 125-150

## Gallery



