



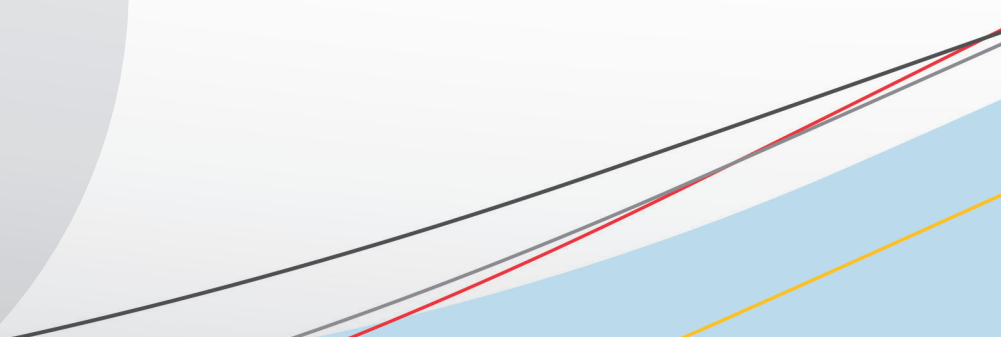
Distributed by  OPICO

# *Classic*

## REVERSIBLE PLOUGHS

### Setting The Standard





# OVLAC

## MORE THAN 85 YEARS EXPERIENCE

### In tillage equipment

**Ovlac** is a **family-owned company** which has been manufacturing farming equipment **since 1936**. From the beginning, **Ovlac** has focused its activity around manufacturing **mouldboard ploughs**, which have been the company's flagship product for decades.

Today, Ovlac is run by the family's third generation and is **the largest Spanish tillage equipment manufacturer**.

**Ovlac** exports around 60% of its production to more than **20 countries around the world** including demanding markets such as France, Germany and the United Kingdom and **beyond Europe** to Chile, South Africa, New Zealand and China.

Thanks to its **state of the art manufacturing techniques**, and **in-house R&D department**, Ovlac can guarantee high quality throughout its product ranges. **Ovlac's** high standards are also ingrained into its day-to-day manufacturing processes.

Every step and decision taken at Ovlac is carried out to meet a key goal: to offer farmers technically advanced, reliable products they can be proud of.



# RANGE: THE RIGHT MODEL TO FIT YOUR TRACTOR

Ovlac's Classic range of reversible ploughs are made up of 3 Series, each with 3 ranges, therefore, it is always possible to find the ideal solution to suit the available tractor HP.

## 120 SERIES

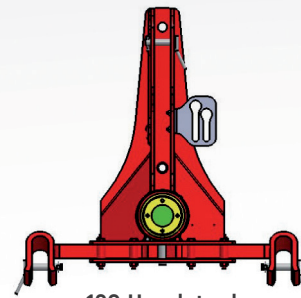
This series is limited to four furrows. The main frame is 100x150mm, features Hardox supports and a 110mm turnover shaft. This design is rated up to maximum power of 160hp (120 kW).

## 130 SERIES

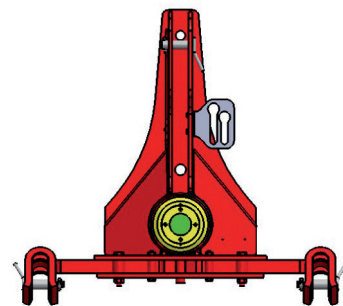
Featuring a substantial **140mm diameter** turnover shaft. This series is available in a four or five furrow configuration and is rated up to 200hp (150 kW). It retains the 100x150mm frame section and Hardox supports of the 120 series to reduce weight.

## 150 SERIES

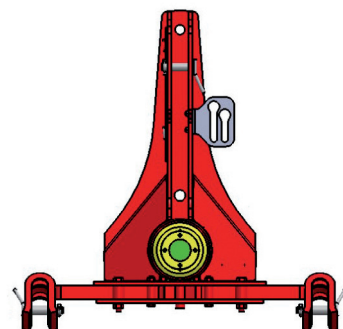
A **higher strength** series available in a four and five furrow configuration designed for arduous conditions and higher horse power. Rated up to 225hp (165 kW). It has a 150x150mm frame section, Hardox supports and reinforced headstock with a 140mm diameter turnover shaft.



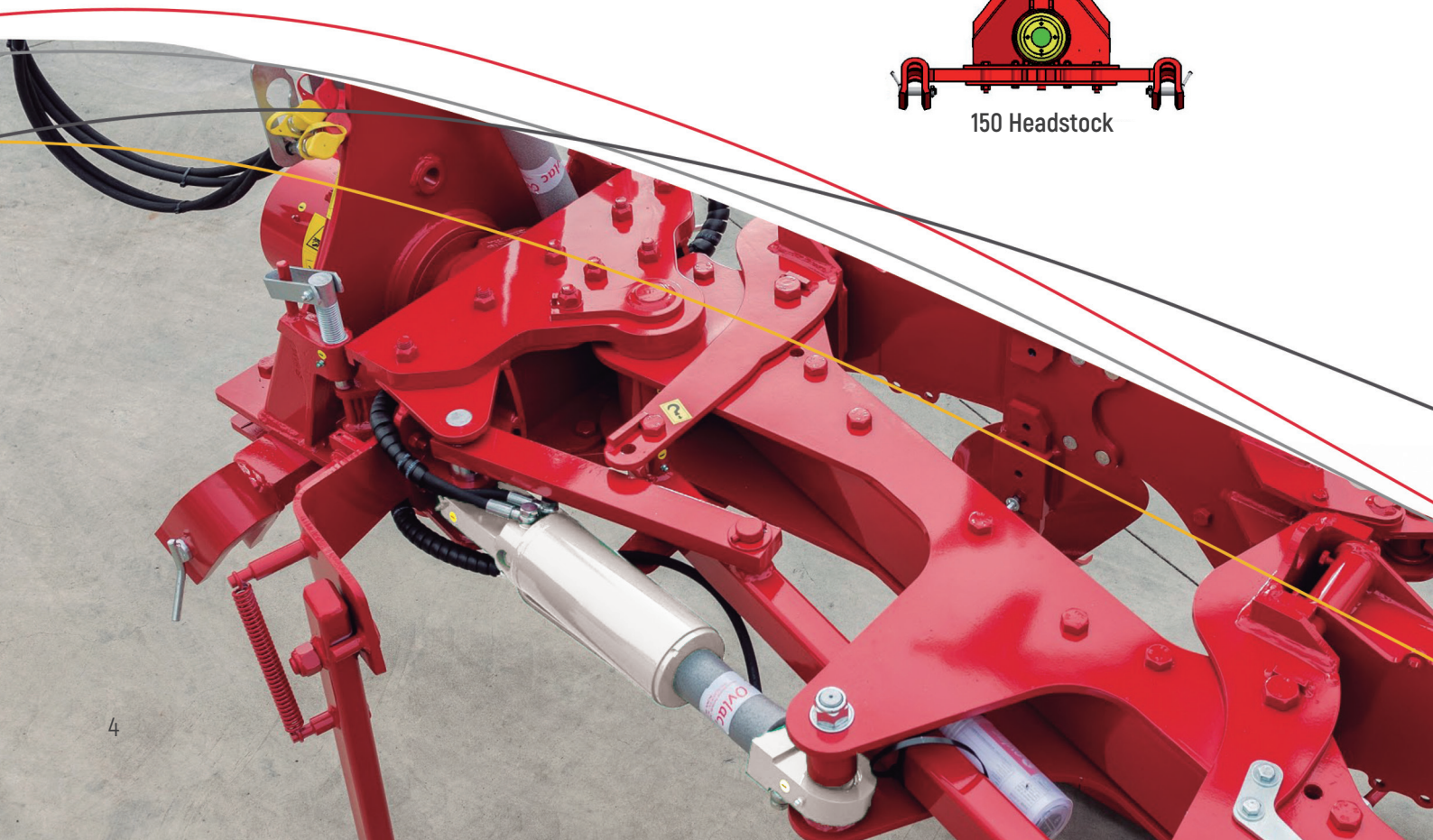
120 Headstock



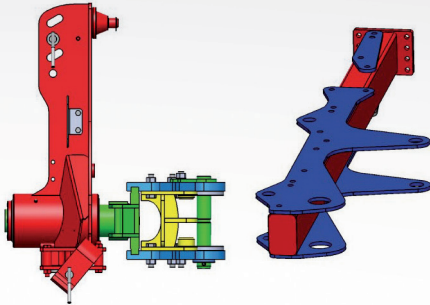
130 Headstock



150 Headstock

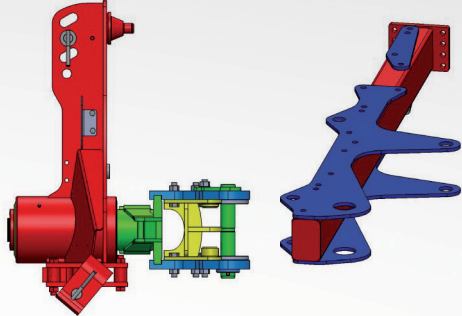


120  
SERIES



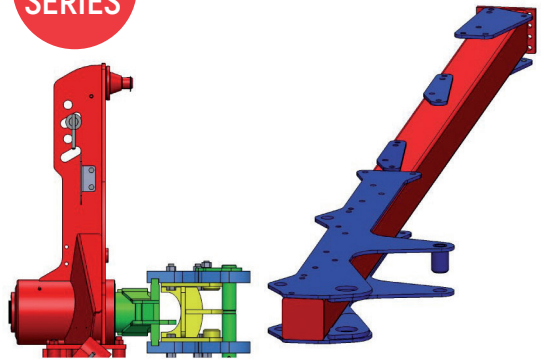
Headstock and frame support 120  
+ 100x150mm frame section

130  
SERIES



Headstock and frame support 130  
+ 150x100mm frame section

150  
SERIES



Headstock and frame support 150  
+ 150x150mm frame section



# PROTECTION SYSTEMS

## Shearbolt or hydraulic reset

In order to take different working conditions into account, **Ovlac Classic** ploughs can be equipped with two alternative protection systems.

### **SHEARBOLT SYSTEM - F**

The simplest of the two systems. The shearbolt thickness, steel grade and position are calculated so it breaks under a pressure of approx. 3000kg exerted at the plough point. It is imperative that broken shearbolts are replaced with genuine Ovlac bolts. Non-genuine shearbolts with a different dimension or steel grades can result in serious damage to the plough.

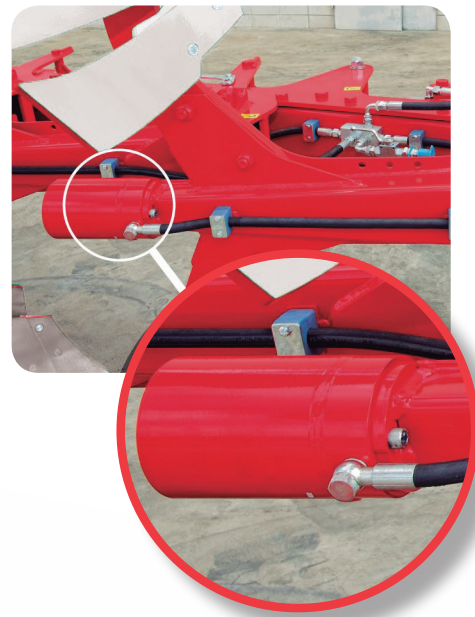
### **NON-STOP HYDRAULIC RESET SYSTEM - H**

A regulated trip mechanism. This system allows adaptation of release pressure according to soil conditions. In heavy or compacted soil, pressure can be increased in order to guarantee penetration and maintain an optimal working position of the bodies. On the contrary, in stony conditions pressure can be set lower to prevent stones being brought to the surface. In addition the legs are also attached to the beam by a shearbolt (and not welded) thus benefiting from dual security.

Shearbolt



Hydraulic Reset



# VARIABLE WORKING WIDTH

## "L" model - "S" model

Working width adjustment is available on all **Ovlac Classic** ploughs in order to adapt the plough to soil conditions or the desired work.

The working width of all **"L" models** (LF and LH) can be manually adjusted by simply shifting the position of the support bolt into a different hole on the beam. There are **four different working widths with 2 inch increment adjustments**.

All **"S" models** (SF and SH) come with the well known Ovlac Varilabor variable working width as standard. This allows the working width to be **hydraulically adjusted from the tractor cab** between 12 (30cm) and 20 (50cm) inches per body (depending on model).

This feature provides several advantages:

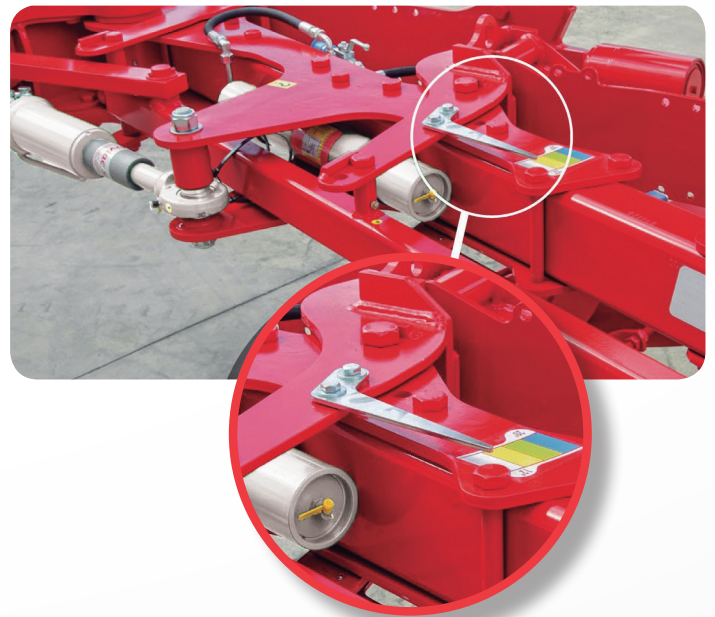
- **Optimised output**, making the most of the tractor power available.
- **Adaptation to desired work** including working depth, soil type, residue type and season.
- **Adaptation to field variations:** topography and obstructions.

**Automatic Memory System:** the 130 and 150 headstock **Ovlac Classic** reversible ploughs come as standard with an automatic memory system. This closes the plough main frame to its minimum width **to guarantee gentle turn over** and avoid the rear end of the plough hitting the ground. Once the turn over operation is complete, the plough automatically returns to the originally set working width.

"L" model



"S" model



# WHAT MAKES THE CLASSIC UNIQUE

## 1 - OSCILLATING CROSS SHAFT - AUTOMATIC SELF-ALIGNMENT

**Ovlac Classic** ploughs are equipped with an Oscillating Cross Shaft with a centre pivot. The plough is pulled from the centre pivot point which ensures it can move independently to follow the tractor and find the perfect balance between the side pressure exerted on the mouldboard and the landslide.

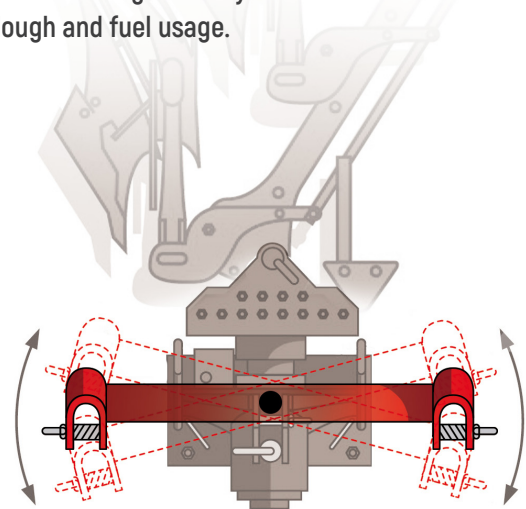
Therefore once the plough is set correctly it is not necessary to make complicated adjustments in order to ensure the plough pulls straight. In work the plough will follow the tractor perfectly.

**Alignment is corrected with no need for operator input.** Furthermore with the Hydraulic Vari width ploughs the Oscillating Cross Shaft automatically compensates for working width adjustment. It could not be simpler.

When lifting the plough up for transport or turn over, the Oscillating Cross Shaft **automatically locks** itself in the central position.

The cross shaft movement also makes it very easy to hitch up to the plough.

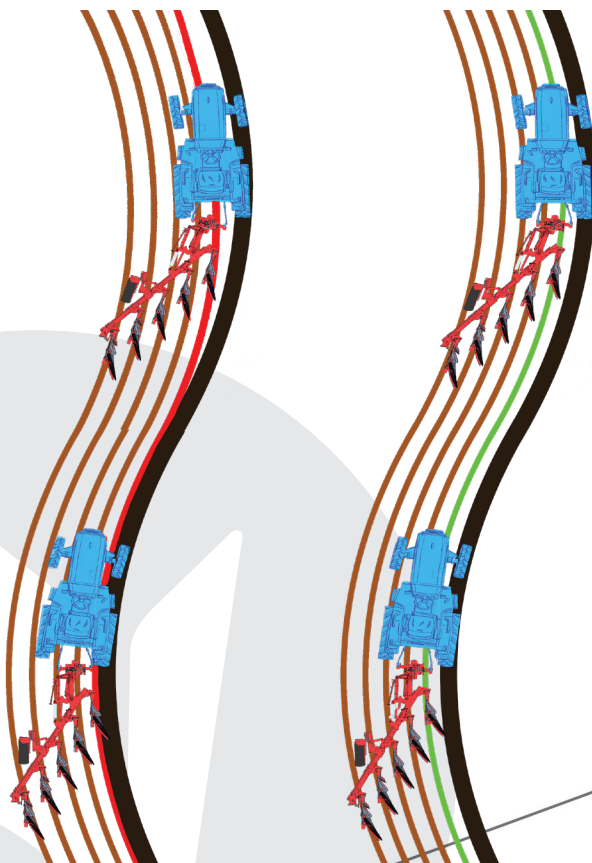
In addition to the operational benefits the Oscillating Cross Shaft **significantly reduces strain on the whole plough and fuel usage.**



The Oscillating Cross Shaft allows the operator to plough around headlands and irregular shaped fields which increases daily output.

Other ploughs

Ovlac ploughs



### OSCILLATING DRAWBAR IN ACTION

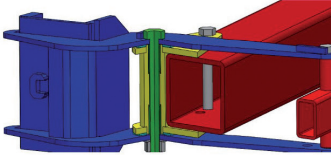
"Every plough should have one"  
Jens Iversen - world ploughing champion



## 2 - LONGEVITY DESIGNED IN

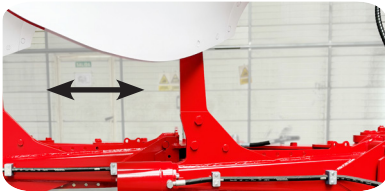
On Hydraulic Vari width models (S), the Hardox 500 legs are bolted onto the frame. Therefore if the worst happens and one is damaged it can easily be replaced.

In addition, the leg pivot points are not part of the main frame, so the frame is not weakened or subject to any wear. The pivot points are also equipped with wear resistant case-hardened bushes and greasing points to ensure a long life.



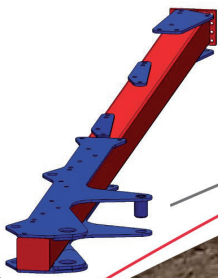
## 3 - IMPROVED LEG CLEARANCE

The straighter leg design increases clearance between furrows to allow more trash and soil through without blockages. Ovlac 95cm ploughs have more clearance than other ploughs with 100cm spacing.



## 4 - SUBSTANTIAL, SIMPLE AND RELIABLE MAIN BEAM

The main beam is made in high quality "Domex" Swedish steel and is **100% free from welding** - therefore tension and weak spots are eliminated. Furthermore, at the front of the beam where the load and stress are highest the frame is reinforced with "Hardox sandwich plates".



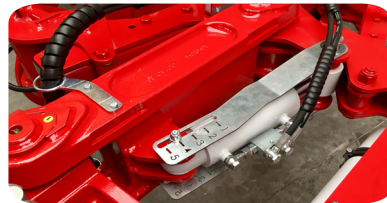
## 5 - NON STOP PLOUGHS FOR THE HARDEST CONDITIONS

The 3D articulated Security Rod linking the leg holder to the main frame has been designed to withstand the most rigorous conditions. It provides protection from sideways force as well as enabling break-back.



## 6 - HYDRAULIC FRONT FURROW ADJUSTMENT

All Classic ploughs are fitted with hydraulic front furrow adjustment as standard to make switching between tractors simple and to allow hillside compensation.

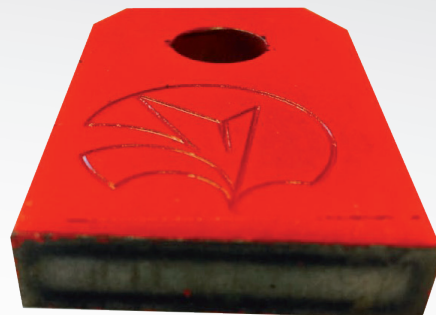




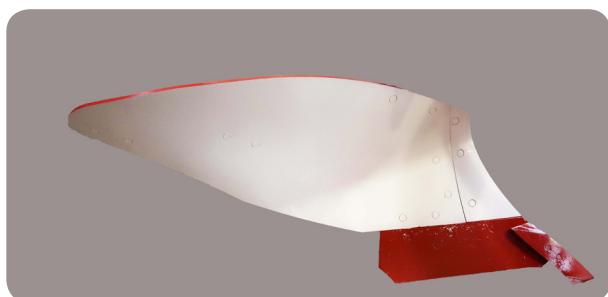
# BODIES

## Range of five plough bodies

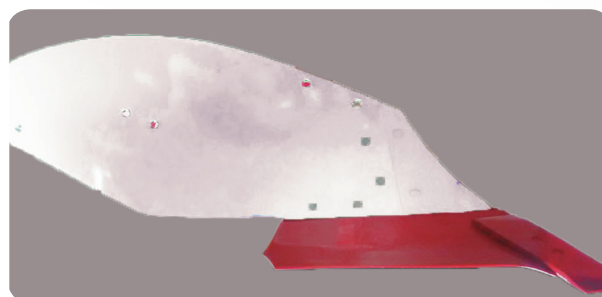
Ovlac offer five **different plough bodies** which enable the most suitable option for a specific ploughing technique and soil to be selected. All genuine Ovlac mouldboards (with the exception of the slatted and plastic boards) are 8mm thick and undergo a **unique Case-Hardening process** in order to achieve over HRC 62 on the surface while still offering a soft core to prevent breakage. In addition to guaranteeing a long wearing life for the mouldboard the smooth surface produced by the case-hardening process improves soil flow and reduces sticking.



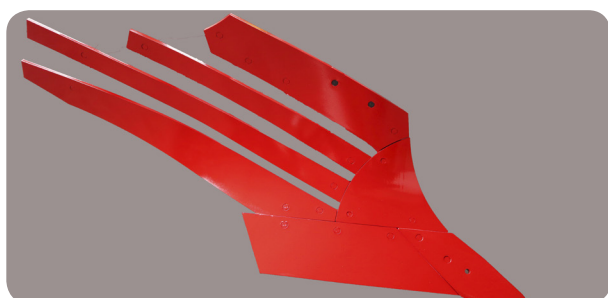
**8mm thick mouldboards - longer working life.** Case-hardening increases surface hardness, (more than 62 HRC) for a longer working life while keeping a soft, flexible core.



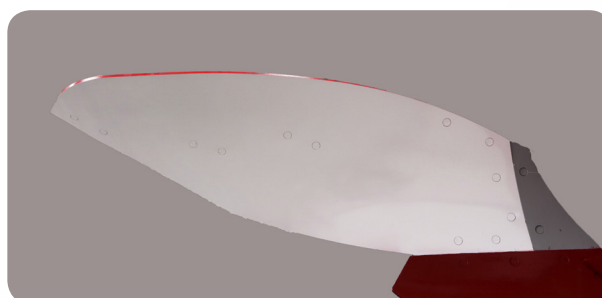
**V-34:** all-purpose body for all soil types. Soil inversion with limited tractor power requirement. For depths between 15 and 35cm.



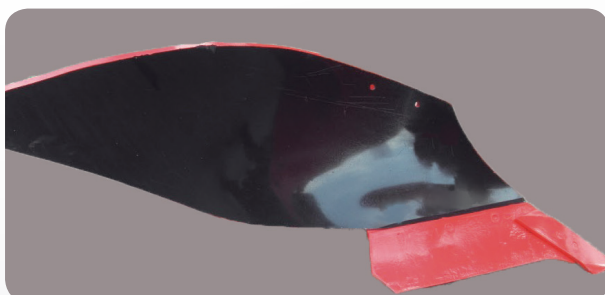
**V-97:** all-purpose body for all soil types. Designed for very low tractor power. Working depth between 15 and 30cm.



**V-LOV:** Slatted mouldboard. Suitable for sticky soils. All wearing parts mounted with conical bolts to lengthen the slat and bolt lifespan.



**V-90:** leaves a wide furrow; recommended for very wide tractor tyres (760 mm). Very good soil inversion thanks to its extra length. Similar power requirement to body V-97. **UK STANDARD.**



**V-PLAST:** Plastic mouldboard. Recommended for very sticky soils with no stones. Same geometry as V-34 body.



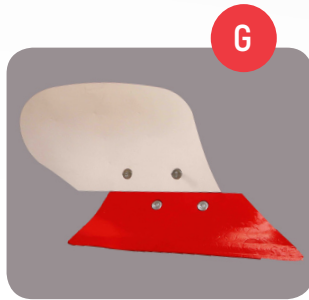
# OPTIONS

## Wide range of accesories

A wide range of accessories are available in order to adapt the plough to all soil types and working conditions.



Trashboard



Grass Skimmer



High Capacity Skimmer

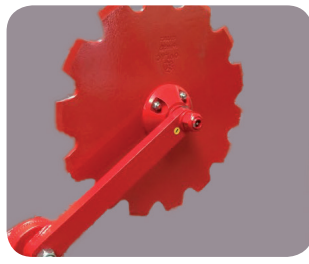


Press Arm

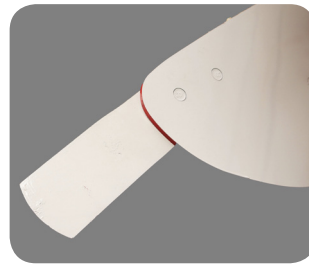
Two skim mouldboards are available: Grass and High Capacity. It is important that Skimmers are set to the correct height. In order to make this simple a no-tool adjustment system is standard on all Ovlac plough skimmers.



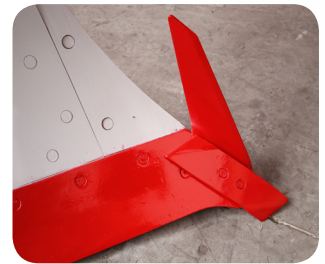
Spring reset protected smooth or scalloped disc coulters



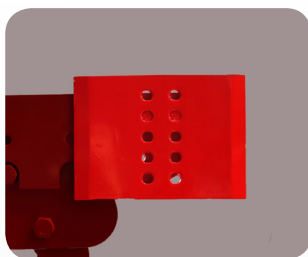
Smooth or scalloped disc coulters. **(Pair of smooth discs standard on rear furrow in the UK)**



Tailpress



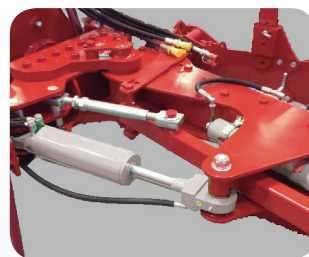
Knife Coulters



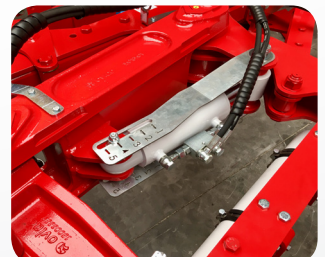
Additional landslide wear plate. Reduces main landslide wear and therefore running costs



Memory cylinder. **(Standard on all 130 & 150 Classic ploughs in the UK)**



Alignment turnbuckle



Hydraulic front furrow width adjustment. **(Standard on all Classic ploughs in the UK)**

# TECHNICAL FEATURES

**F** Shearbolt

**H** Hydraulic Reset

**L** Manual Vari width

**S** Hydraulic Vari width

	No. of bodies	3		4		4+1		5	
	Protection	F	H	F	H	F	H	F	H
<b>120 SERIES</b>	Working width L/S (cm)	105-150 / 90-150		140-200 / 120-200		-----		-----	
	Inter body clearance (cm)	85 95 105		85 95 105	85 95	-----		-----	
	Under beam clearance (cm)	72 78 90	72 78	72 78 90	72 78	-----		-----	
	Weight L/S (kg)	990/ 1080	1130/ 1250	1190/ 1290	1370/ 1530	-----		-----	
	Max. Power (HP)	120		160		-----		-----	
<b>130 SERIES</b>	Working width L/S (cm)	-----		-----		140-200 / 120-200		175-250 / 150-250	
	Inter body clearance (cm)	-----		-----		85 95 105		85 95	
	Under beam clearance (cm)	-----		-----		72 78 90	72 78	72 78 90	72 78
	Weight L/S (kg)	-----		-----		1250/ 1350	1430/ 1585	1480/ 1590	1695/ 1850
	Max. Power (HP)	-----		-----		160		200	
<b>150 SERIES</b>	Working width L/S (cm)	-----		-----		140-200 / 120-200		175-250 / 150-250	
	Inter body clearance (cm)	-----		-----		85 95 105	85 95 105	85 95 105	85 95
	Under beam clearance (cm)	-----		-----		72 78 90	72 78	72 78 90	72 78
	Weight L/S (kg)	-----		-----		1490/ 1605	1580/ 1700	1680/ 1830	1805/ 1955
	Max. Power (HP)	-----		-----		180		225	

# OTHER PRODUCTS

In the UK range



**XPERIENCE REVERSIBLE  
PLOUGHS**



**SEMI-MOUNTED REVERSIBLE  
PLOUGHS**



**MINI N REVERSIBLE SHALLOW  
PLOUGH**



**MINI S SEMI-MOUNTED REVERSIBLE  
SHALLOW PLOUGH**



**VERSATILL**



# A PASSION FOR SOIL



 *Profit from our knowledge*

OPICO is committed to support your machine throughout its working life.

A full range of genuine OVLAC wearing parts are available from your local dealer.

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