Hydraulic Reversible MB Plough

JUWEL 6 M

LEMKEN India Agro Equipment Pvt. Ltd.
Plot No. D59, MIDC, Butibori, Nagpur, Maharashtra, India-441108
Landline-0710 4285400 Mobile- 95455 01199 | Website- www.lemken.in
Email- lemkenindia@lemken.com | Email- Customercare.India@lemken.com

Dealer

LEMKEN THE AGROVISION COMPANY

Hydraulic Reversible MB Plough

JUWEL 6 M

- Upto 20% Fuel Saving
- Ploughing at Uniform Depth
- Low Maintenance
- Less Tyre Slippage
- Upto 33% Faster

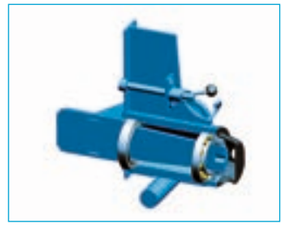
PERFECT ENGINEERING

Body Spacing

The long body spacing, plough bodies attached to the side of the frame, and the shape of the legs, create large clearances between the plough bodies and skimmers.
• Large underframe and inter-body clearance helps to avoid blockages even at a narrow working width of plough.

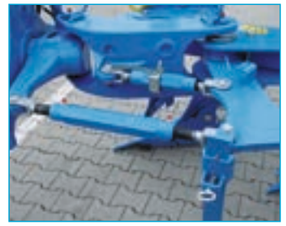
Strong frame structure for all requirement

The robust, thick-walled square tube made of micro-alloyed, fine-grained, special steel provides the strong foundation for the new frame structure.
• The frame can be extended subsequently by a pair of plough bodies.
• It is guaranteed to have a low weight and a long service life



Well supported Turnover axle

The short, stable turnover axle can withstand heavy-duty impact and constant loads.
• It is shaped for optimum resistance, runs in tapered rollers and can be lubricated centrally.
• Due to the heat-treated steel used, the wear-resistant pivot bearing is extremely durable and guarantees a long service life.



The OptiQuick setting centre

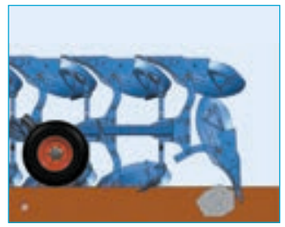
The LEMKEN OptiQuick setting system ensures that ploughing is free from side forces. To ensure high stability and a long service life, the bearings have wear resistant bushes and hardened pins. The bearings can be lubricated.

Adjustable working width with brackets

The adjustment brackets securely bolted to the frame provide great strength, reliability, and high fitting accuracy.
• When the central bolt has been loosened, four working widths can be set between 30 to 45 cm.
• Skimmers and disc coulters are adjusted automatically as a new furrow width is set.

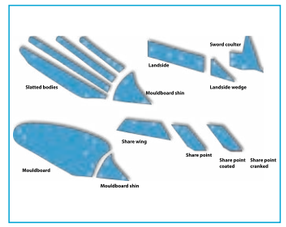
Mechanical tilt adjustment, separate for each side

The tilt of Juwel 6 ploughs is adjusted easily and precisely via a cap nut and stopper; this adjustment can be made separately for each side.
• They are easy to handle and protect threads against dirt.
• This ensures that the tilt adjustment will keep operating smoothly.



Protection from obstacles

All LEMKEN overload protection systems protect against damage from the share point colliding with underground obstacles.
• The overload protection in all Juwel 6 ploughs features double-cut shear-off protection with a shear bolt as standard



Cost Effective Plough Body

The frog of the Dural body is tempered and extremely strong.The pitch of the plough bodies is adjustable to ensure consistently good penetration of the plough into the soil.
The smooth transition from the share to the mouldboard and the low-resistance shape make the plough eveneasier to pull.

The slats of the slatted bodies are made of thick, fully hardened special steel and can be individually replaced.
• The attachment screws are deeply sunk to ensure that the slats remain firmly in place throughout their extremely long service life.
• Slatted bodies and conventional mouldboards are based on the same basic body.
• The shares are divided and made of micro-alloyed boron steel.
• The overlapping design prevents roots or foreign objects from catching.
• High material density and firm attachment provide for resistance to wear and breakage.

ALWAYS WELL EQUIPPED

Pendulum Wheel for Depth Control

The special design of the pendulum wheel guarantees a large ground clearance and ensures an optimum working position and a safe and shock-free
swivelling of the wheel during the turning process. Depending on the number
of furrows and set working width, it is possible to plough all the way up to ditches, field boundaries, and fences.
• The working depth is adjusted via a perforated strip and bracket without any need for tools.

Adjustment of the skimmers without tools

Working depth are set independently of each other without tools.
•The working depth is set using a pin on the flat stalk. As a result, all skimmers on the plough are set uniformly without the need for further alignments or measurements.
•The angle is unchanged as depth is amended.

Trash boards for blockage-free work

The trash boards are mounted directly on the leg and can be set over a wide range.
•They ensure blockage-free work and the neat insertion of plant material.

Subsoiler for effective loosening

The specially shaped Subsoiler delivers a particularly good loosening effect.
•The subsoiler depth can be adjusted without tools, and the subsoiler can also simply be removed without requiring tools, if necessary.
•All wear parts can be individually replaced. The stalk guard prevents wear on the stalk.

Technical data Juwel 6 M

Number of furrows	2	2+1	3	3+1
Working width (cm)	60-90	90-135	90-135	120-180
Tractor output (HP)	55-75	65-95	65-95	75-115
Weight (kg)	640	815	820	1050
Working Depth (cm)	15-45	15-45	15-45	15-45
Underframe Clearance (cm)	80	80	80	80
Interbody Clearance (cm)	90	90	90	90