

ECOSYSTEM

EN

MOUNTED ECO PLOUGH FOR ON LAND
ECO TILLAGE & SHALLOW PLOUGHING



GLYPHOSATE

FREE

MORO
YOUR OWN FURROW



ECOSYSTEM

The new series of out-of-furrow mounted implements, available in five to nine body versions.

The geometry of the ECOSYSTEM structure is particularly rigid, simple and light. Furthermore, it is characterized by bolted couplings, with limited welding joints.

The design, with particular attention to the distribution of the masses, allows the reduction of the load on the lift. The centre of gravity close to the tractor ensures easy lifting of the implement.



PERFORMANCE

The sturdy 150 x 120 main frame combined with a second support frame guarantees the structural solidity of the tool.

Designed with the aid of advanced structural analysis CAD software with performance and fatigue simulation, the frame and all other structural parts are built with special steel with very high yield strength.

ON-LAND

Designed for ON-LAND operations, ECOSYSTEM has numerous advantages:

- Low draft power and reduced fuel consumption
- Possibility of using wide tires
- Greater driver comfort
- Limited soil compaction
- Adjustable tractor distance from the furrow

SHALLOW & ECO

EFFICIENT

Shallow ploughing & eco tillage (8-20 cm) allows an optimal soil and residues preparation, increasing the organic matter in the top layer and thus improving the fertility and moisture content of the soil.

The special shape of the body and the low working depth allow for a reduction in fuel consumption, limiting CO2 emissions.



ORGANIC

Shallow ploughing & eco tillage are the techniques that allow the incorporation of organic matter and mechanical control of weeds without the use of chemical agents.

BEST PRACTICE

This is therefore the best practice for organic crops where it is necessary to limit the use of chemical herbicides

SHALLOW PLOUGHING & ECO TILLAGE

- Better burial of residues
- Greater mixing of residues with the soil
- Better soil structure
- Better water drainage
- Reduction of disease risk
- Increased growth potential of subsequent crops
- Reduction in the use of chemical herbicides



TRANSPORT



The working wheel, positioned on the second frame, can also be used as a transport wheel.

Thanks to special joint and by removing a pin, the wheel automatically positions itself in the transport configuration when the plough is tipped over.

In all versions, tipping is quick and smooth.

The conversion between work and transport configurations is quick and safe.



MOULDBOARDS



STEEL

Full body made of extremely wear-resistant boron steel for low power absorption.

Working depth: 8 to 20 cm.

(For more information, please contact the sales network)



STRIPES

Boron steel strip body, with better crushing of clods in wet and sticky soils.

Working depth: 8 to 20 cm.

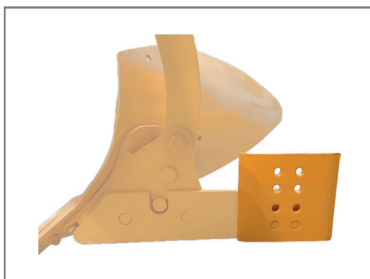
(For more information, please contact the sales network)

ACCESSORIES



TRASHBOARD

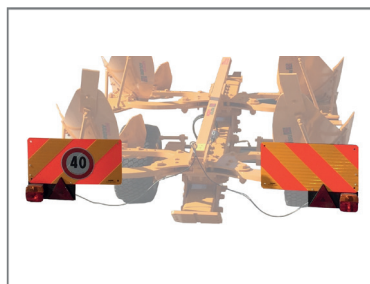
Available on all bodies, it allows for greater residue incorporation.



OVER LANDSIDE G10

Available for G10 and S10 ECOSYSTEM bodies.

By increasing pressure on the side of the furrow, it is possible to modify the traction point.



MARKER BOARDS & LIGHTENING

For road transport, it is possible to request the lighting system with signage.

WHEELS



WORKING AND TRANSPORT WHEEL

Depth wheel with hydraulic shock absorber, adjustable via turnbuckle.

Positioned on the second frame, it can be used as a transport wheel.



FRONT WHEEL

Working wheel with depth adjustment.

Positioned at the front, it is particularly recommended for on-land operations as it helps control the working depth.

TECHNICAL DATA

ECO XFS-S							
MODEL	BODY SPACING cm	WORKING WIDTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION cm	WEIGHT Kg	POWER	
						HP	MAX*
ECO XFS-S 7+1+1	70	38	72	150X120	2150	190-210	220
ECO XFS-S 7+1	70	38	72	150x120	2000	150-190	200
ECO XFS-S 7+	70	38	72	150x120	1850	130-170	180
ECO XFS-S 5+1+1	70	38	72	150X120	1800	130-170	180
ECO XFS-S 5+1	70	38	72	150X120	1650	110-150	160
ECO XFS-S 5+	70	38	72	150X120	1500	90-130	140

The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information.

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