

XFS

ON LAND MOUNTED PLOUGH WITH HYDRAULIC
FURROW WIDTH ADJUSTMENT

EN



MORO
YOUR OWN FURROW



XFS

It is the innovative line of mounted ploughs, equipped with hydraulic working width adjustment, available in versions with 4 to 7 bodies.

Advanced CAD software is used for design and structural analysis of these machines, with simulated performance and fatigue testing. The chassis of the XFS plough, like all the other structural parts, is made of special steel, with a very high yield load.



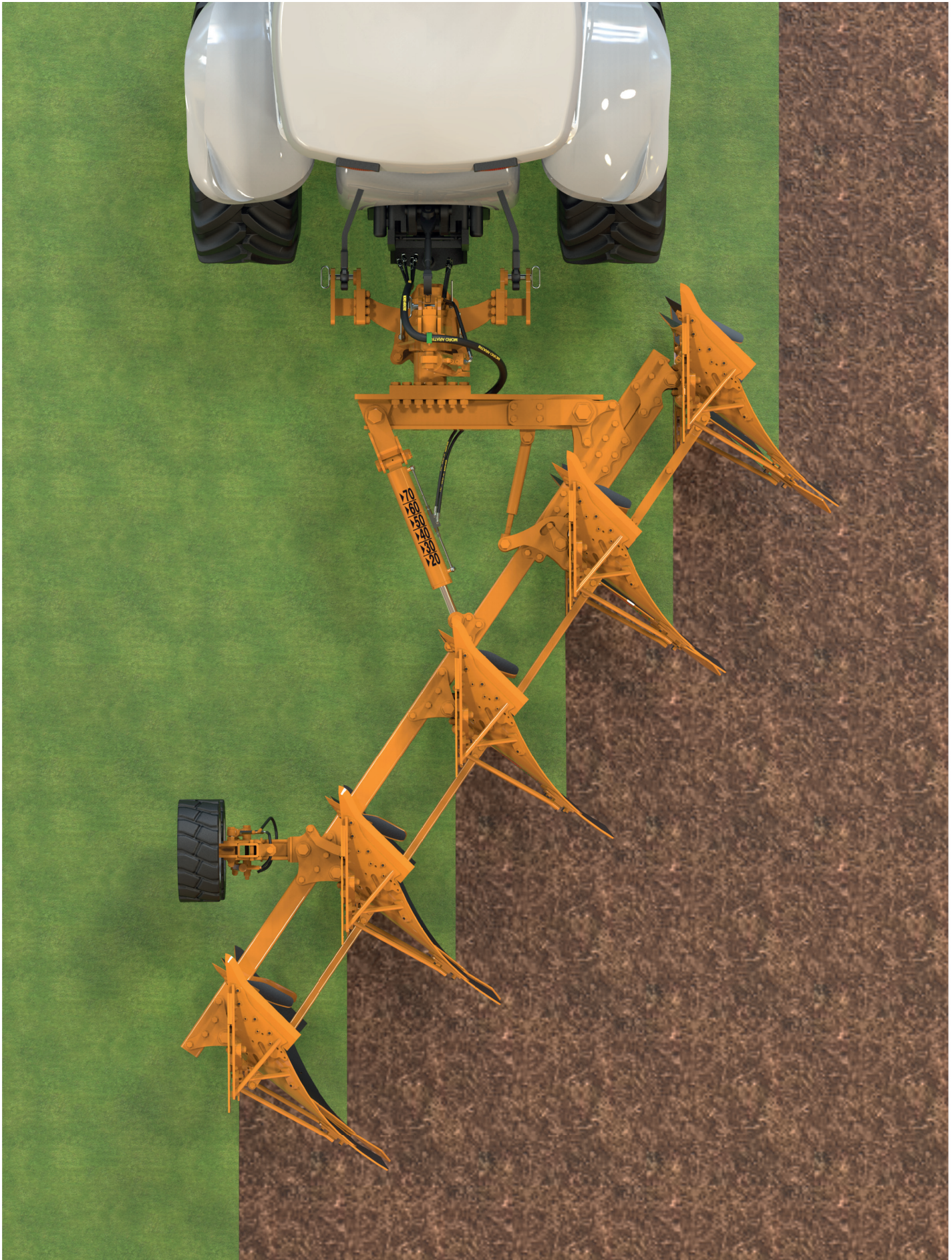
HYDRAULIC WIDTH ADJUSTMENT

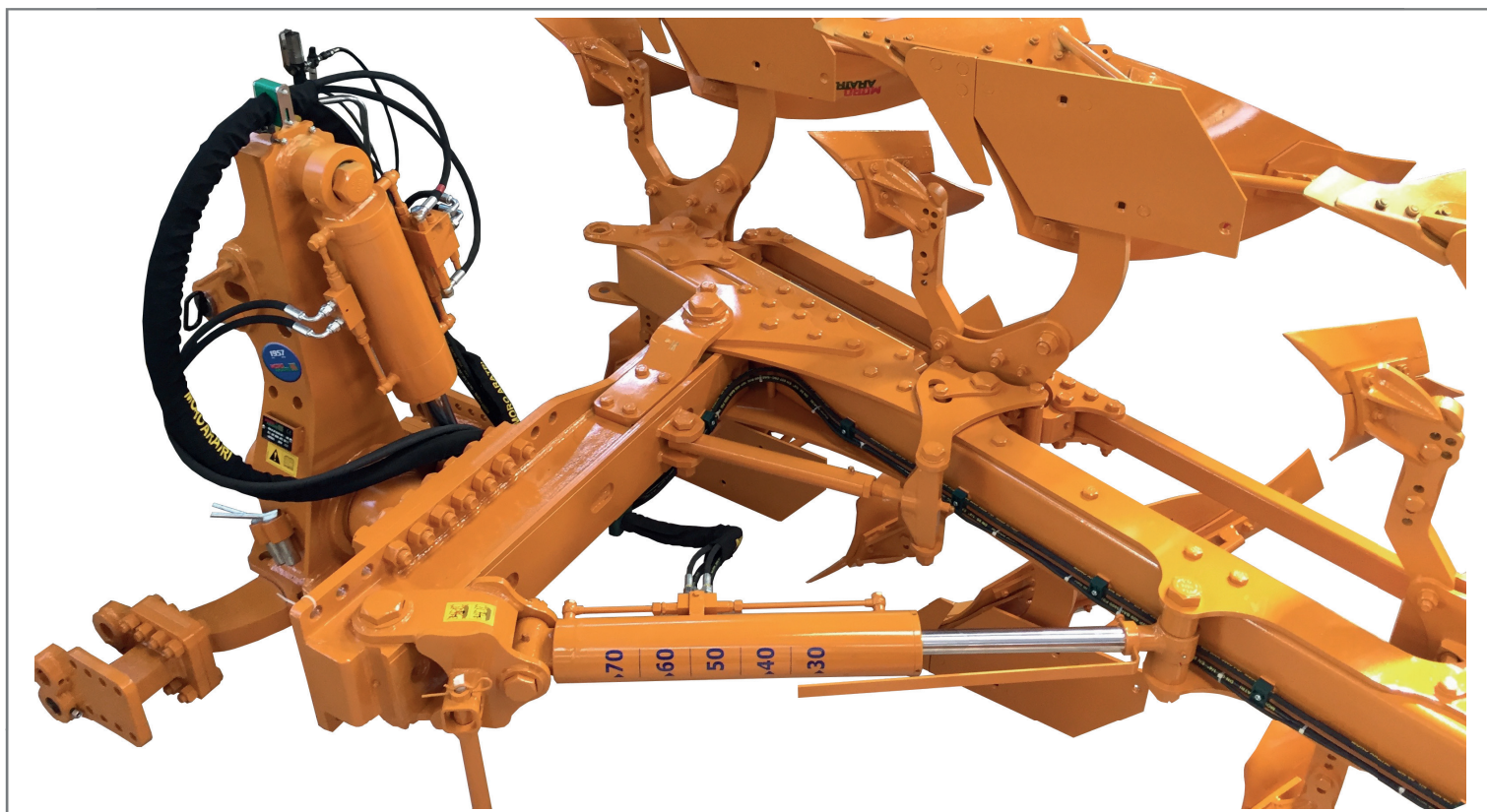
Equipped with a unique hydraulic width adjustment, the XFS ploughs allow the operator to determine and set the working width, according to different soil and climatic conditions. Each body can be continuously and simultaneously adjusted from 25 cm to 70 cm, maintaining the correct alignment and tilt of the working bodies.

The Hydraulic adjustment can be used during the working stage, in order to facilitate finishing operations on fields of irregular shape, when ploughing headlands or working around obstacles such as trees or telephone poles etc.



ON LAND

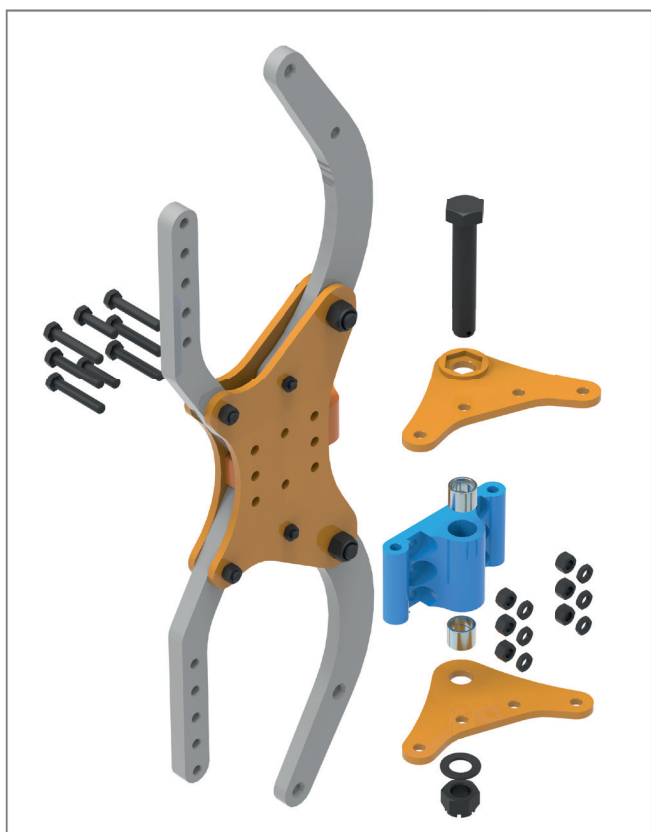




SMOOTH WIDTH ADJUSTMENT

By means of a double acting hydraulic cylinder, it is possible to adjust the working width continuously while working, remaining comfortably seated in the driver's seat.

On request, it is available the system with two memory functions: automatic alignment of the frame during the turn over and adjustment of the working width. The frame is pivoted and rotated, then re-adjusted to the pre-selected furrow width.



THE CORE OF THE ADJUSTMENT

The rotating movement of the system is entrusted to special mono-blocks in steel, without joints or welds, which hold special anti-wear bushings, ensuring high durability.





TRANSPORT SYSTEM

The patented working and transport system for ploughs which definitively resolves the problem of road safety.



Movements from working to transport position and vice versa, are hydraulically actuated.

Due to the unique steering head, during transport the plough acts like a tractor-trailer.



TRANSPORT SYSTEM is available both hydraulic or mechanical.



TRANSPORT SYSTEM

Designed, built and patented by MORO Aratri, TRANSPORT SYSTEM is highly regarded for its exceptional functionality.

Easy road transport, safety and quick conversion from working to transport position, are the characteristics that make this system unique.

Tested by many farmers, TRANSPORT SYSTEM is not just a trailing system, but a real working tool that allows to carry and use the plough at its best.

It is provided with the MORO Aratri special and patented steering head.



TECHNOLOGY

TRANSPORT SYSTEM 2.0



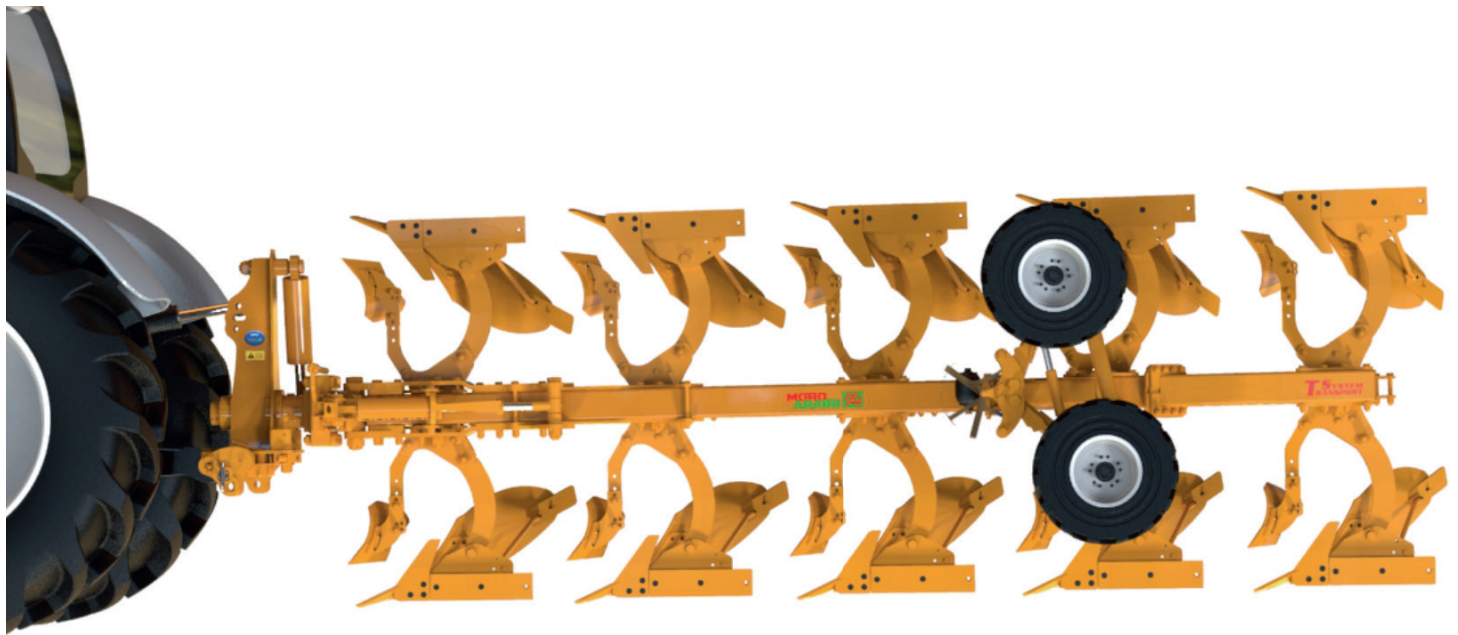
TRANSPORT SYSTEM 2.0

The working depth adjustment is quick and precise.

The Transport System 2.0 can be equipped with large-diameter wheels



TRANSPORT SYSTEM 2.0



TRANSPORT SYSTEM 2.0

The evolution of the patented plow work and transport system that definitively solves the road safety issue.

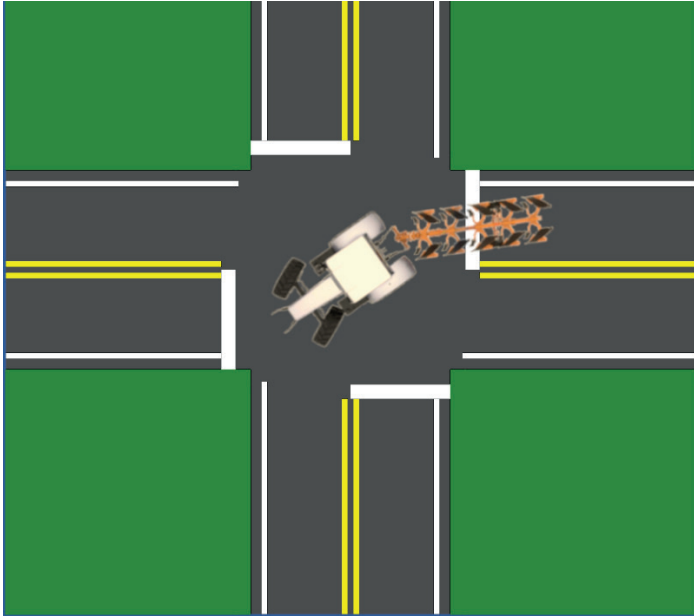
ROAD APPROVAL

The plow equipped with the Transport System can be approved for road use.

This classifies the plow as a towed implement, as required by the "Mother Regulation," making it compliant with individual national regulations throughout the European Union

TECHNOLOGY

TRANSPORT SYSTEM 2.0



All movements are carried out hydraulically

1. From the working position to the transport configuration and back
2. Working depth adjustment

Thanks to the special steering head, the plow behaves like a trailer during transport.

MORO NEXT

THE SENSORY PLOUGH

Equipped with special sensors and interconnected, the plough becomes SMART.

Moro Next is an integrated system that allows visualization of movement data from Moro plough range and interaction with the web environment, enabling remote access and data modification

(For more information, please contact the sales network)



MOULDBOARDS



STEEL

Boron steel mouldboard extremely wear resistant, for a precise and low power absorption ploughing.

Various models for a working depth ranging from 16 cm to 100 cm. Also available in multi layer steel plate.

(for further information please contact the sales network)



SLATTED

Boron steel slatted mouldboard for sticky soils. Excellent crumbling.

Various models for a working depth ranging from 26 cm to 50 cm. Synthetic version available.

(for further information please contact the sales network)



SYNTHETIC

Plastic mouldboard for wet and sticky soils without stones. It allows the soils to flow with less effort.

Various models for a working depth ranging from 16 cm to 100 cm.

(for further information please contact the sales network)



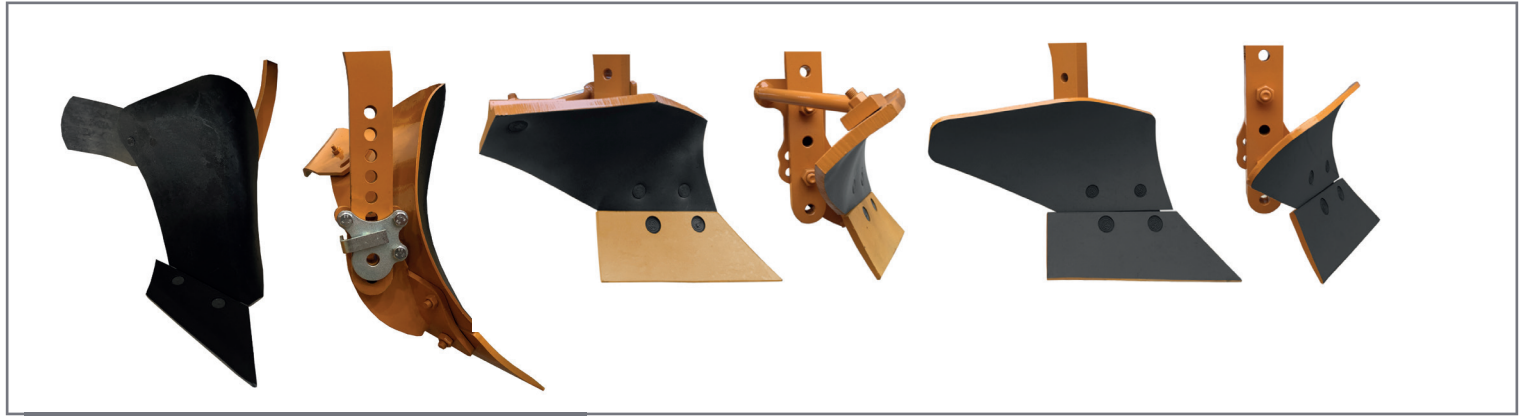
SCANDIC

Helicoidal mouldboard for a low power absorption ploughing. Specifically designed for the north european markets and for rice fields. Various models for a working depth ranging from 16 cm to 30 cm.

Synthetic version available.

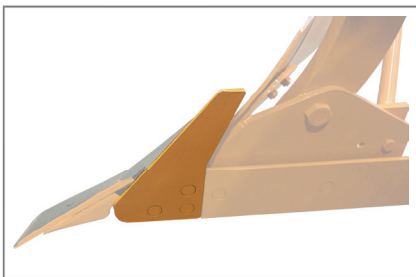
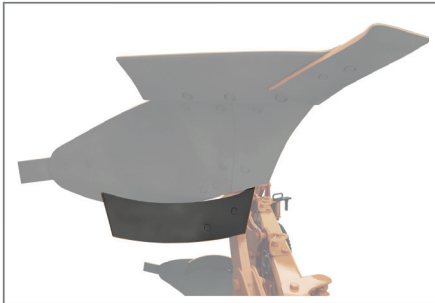
(for further information please contact the sales network)

ACCESSORIES



SKIMMERS

Rice field / Maize - Synthetic - Steel



TRASHBOARDS

Available on all the plough bodies, for ploughing without skimmers.

DISC COULTER

Smooth or scalloped coultter disc, with 500 mm diameter

Easy to set in every soil condition.

Non-stop version available.

KNIFE COULTER

Available on all the plough bodies

EXTRA LARGE LANDSIDE

For a better stability of the plough. Available on all the plough bodies, it can be turned for an efficient use of the material.

ACCESSORIES



SHARES

Made of high-quality boron steel, heat-treated and wear-resistant, MORO shares ensure excellent penetration in any type of soil.

Available with:

- Reversible point
- Premium tungsten point
- 450 mm length (standard)
- 1650 mm length



PRECISION JOINT

On request, it is possible to add a precision joint which allows the addition or the removal of the last plough body, making the plough extremely versatile.



QUICK ADJUSTEM FOR SKIMMER

Certain skimmer models can be equipped with quick adjustment.

(For more information, please contact the sales network.)

ACCESSORIES



SINGLE DEPTH WHEEL

Depth wheel with hydraulic shock absorber, adjustable via turnbuckle. Positioned on the last body and mountable on every plough model.

DUAL DEPTH WHEEL

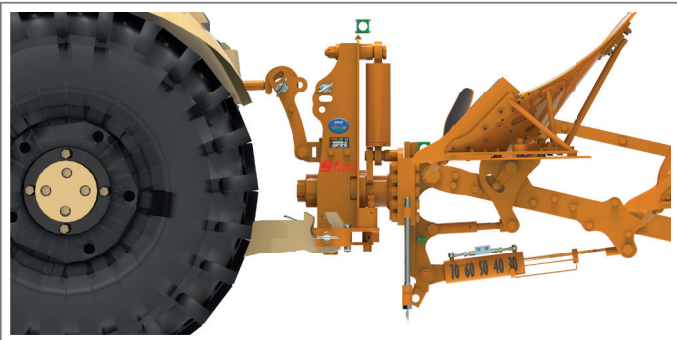
Adjustable dual depth wheel. Positioned on the penultimate or last body and mountable on every plough model.



WORKING AND TRANSPORT WHEEL (SINGLE/DOUBLE FORK)

A hydraulically cushioned working wheel with depth adjustment via a regulator.

Positioned on the last body and can also be used as a transport wheel on the road. Starting from the four-furrow model, it can be mounted on the second-to-last body.



ARTICULATED TOP LINK

Patented and designed by MORO Aratri, the special FAST SYSTEM accessory is available on the TRANSPORT SYSTEM headstock. During the conversion from working to transport position, the top link is freed without detaching it from the plough.

**FAST
SYSTEM**



HYDRAULIC INCLINATION ADJUSTMENT

The plough can be equipped with a turnover cylinder that enables adjustment of its inclination

This cylinder also stores the set position, eliminating the need for readjustment after each turnover.

MOTHER REGULATION



KIT MOTHER REGULATION ROAD APPROVAL

For plows equipped with the Transport System, the kit includes:

- Fast System
- Lighting system with signal panels
- Side reflectors
- Safety locks
- Share protections
- Chocks

TECHNICAL DATA

7 FURROW

XFS 7

MODEL	BODY SPACING cm	WORKING WIDTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT Kg	POWER	
						HP	MAX*
XFS 7 AW	95-100	25-65	84	200x120	3600	400-600	650

6 FURROW

XFS 6

MODEL	BODY SPACING cm	WORKING WIDTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT Kg	POWER	
						HP	MAX*
XFS 6 AP W	105-115	25-70	89	200x120	3400	420-600	650
XFS 6 AW	95-105	25-65	84	200x120	3100	380-420	450

5 FURROW

XFS 5

MODEL	BODY SPACING cm	WORKING WIDTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT Kg	POWER	
						HP	MAX*
XFS 5 AP W	110-120	25-70	94	200x120	3000	400-500	550
XFS 5 A W	100-110	25-65	89	200x120	2800	300-390	410

4 FURROW

XFS 4

MODEL	BODY SPACING cm	WORKING WIDTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT Kg	POWER	
						HP	MAX*
XFS 4 AP W	110-120	25-70	94	200x120	2700	360-420	450
XFS 4 A W	100-110	25-65	89	200x120	2800	280-360	380

3 FURROW

XFS 3

MODEL	BODY SPACING cm	WORKING WIDTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT Kg	POWER	
						HP	MAX*
XFS 3 AP W	110-120	25-70	94	200x120	2400	260-310	330
XFS 3 A W	100-110	25-65	89	200x120	2200	220-260	280

Disclaimer:

The data provided in this brochure is for guidance only; the manufacturer reserves the right to make changes to the models described without prior notice. Drawings and photographs may show optional equipment or setups intended for other countries. For any further information, please contact our sales network.

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