

MVP EXTREME

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1 FURROW MOUNTED PLOUGH FOR ON LAND / IN FURROW
OPERATIONS WITH HYDRAULIC FURROW
WIDTH ADJUSTMENT



MORO
YOUR OWN FURROW

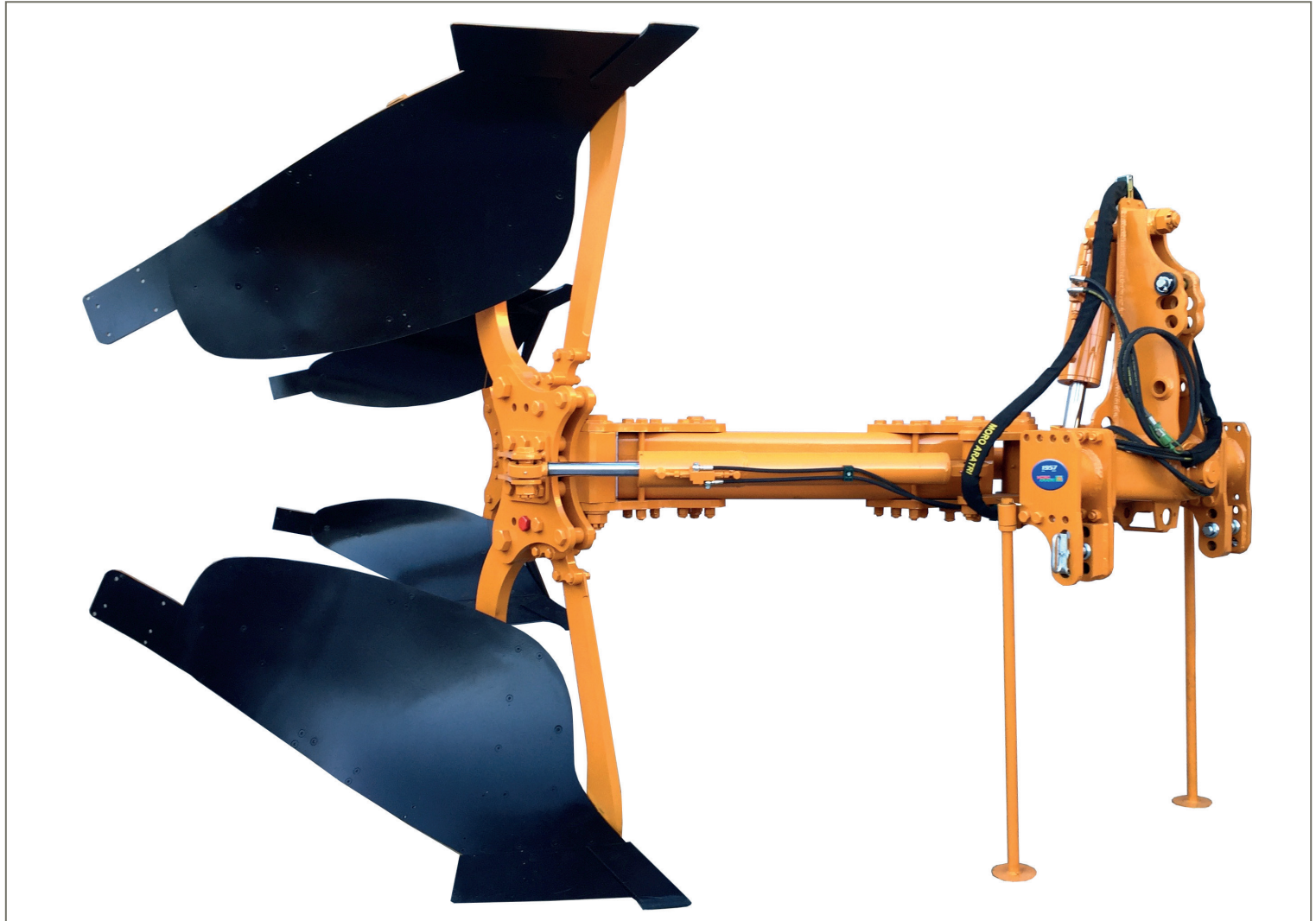


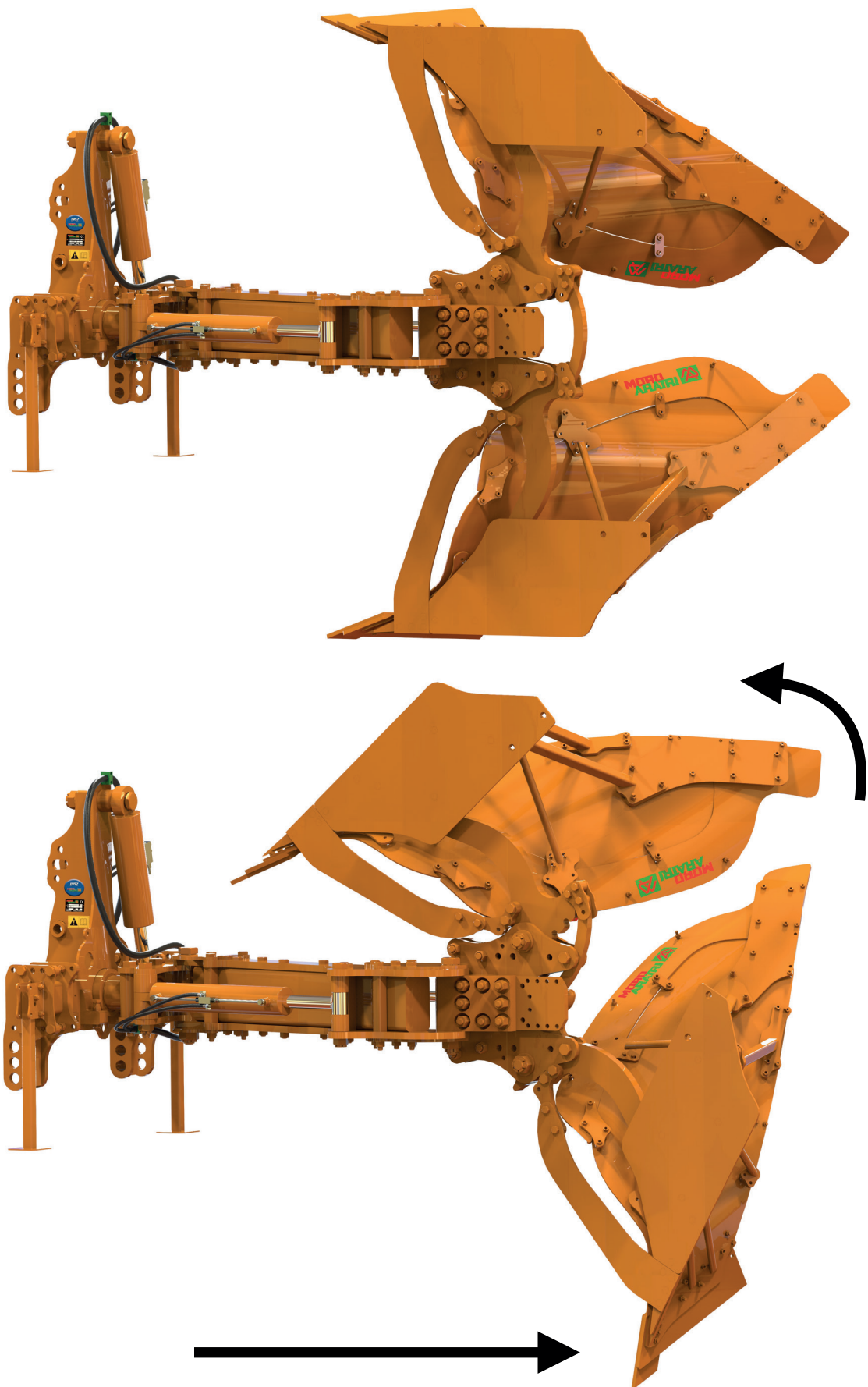
MVP

It is the innovative line of 1 furrow mounted ploughs, equipped with hydraulic working width adjustment. Advanced CAD software is used for design and structural analysis of these machines, with simulated performance and fatigue testing. The chassis of the MVP plough, like all the other structural parts, is made of special steel, with a very high yield load.

EXTREME VERSION

The MVP extreme version is designed for deep ploughing. Created for reaching the important working depth of 110 cm, and for enduring the most extreme conditions, it can be used both for on land and in furrow operations





ESCAPE SYSTEM

ESCAPE SYSTEM

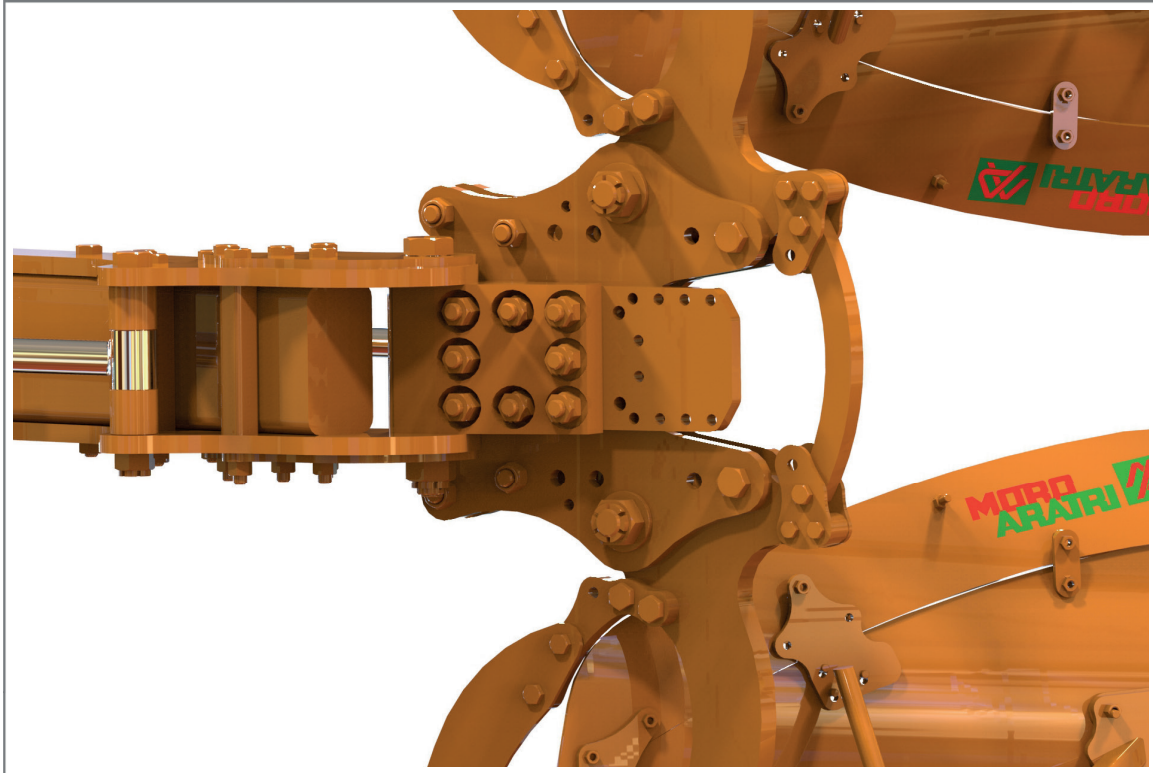
This is the patented safety system by MORO Aratri designed for deep plowing.

Thanks to a mechanism that allows the non-working body to rotate, it protects the plow from possible damage when the working body encounters an obstacle.

This ensures safe operation in stony soils.

Available only for the MVP 30A model.

MORO ARATRI PATENT





IN-FURROW

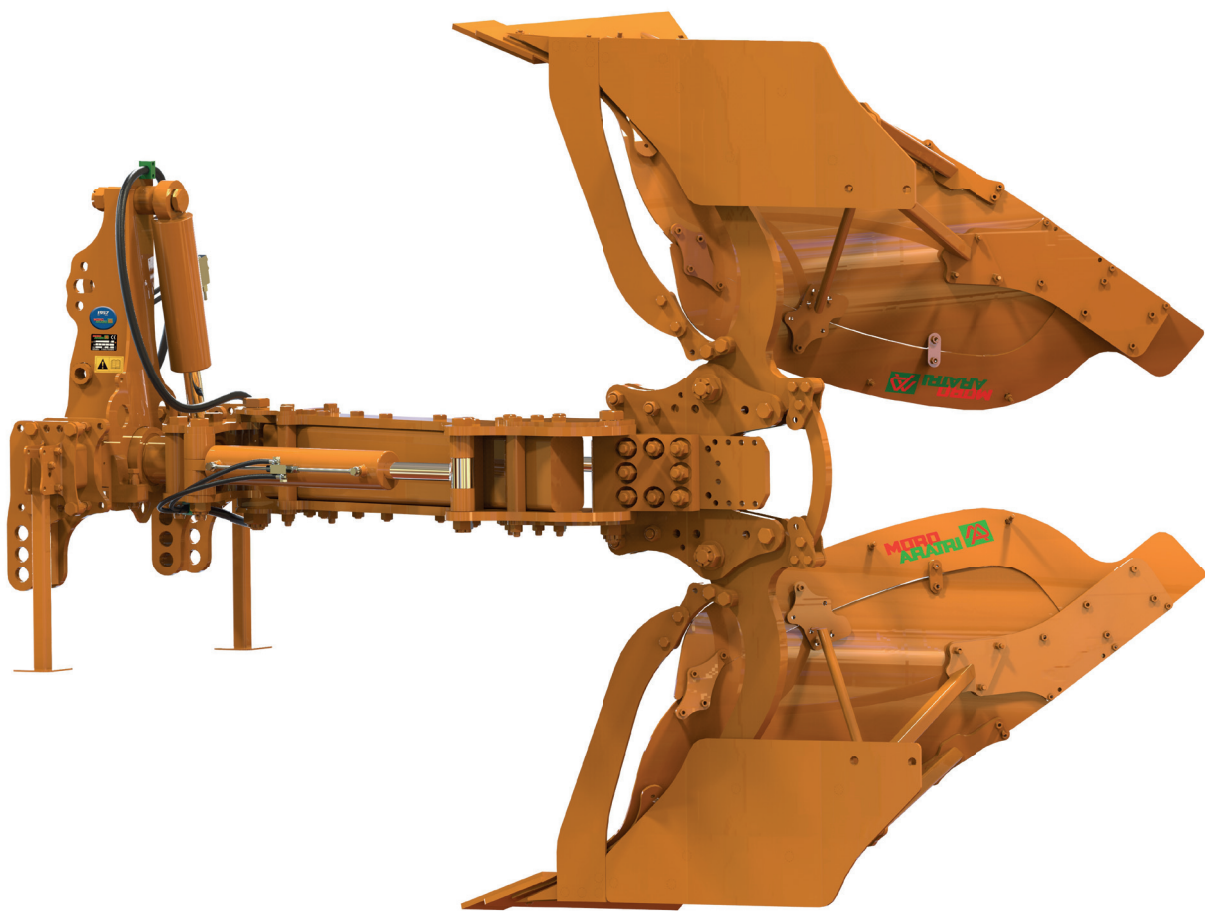
During in-furrow operations, the rear body partially precedes the main working body by depositing a portion of soil into the furrow. This reduces the working depth, thereby lessening the tractor's tilt.





ON LAND

During on land operations, the front body performs the normal function of a share point, burying the top layer of soil along with any crop residues.



HYDRAULIC WIDTH ADJUSTMENT

Equipped with a unique hydraulic width adjustment, the MVP ploughs allow the operator to determine and set the working width, according to different soil and climatic conditions.

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.



Using the same hydraulic system which adjusts the furrow width, the plough can be regulated for in furrow or on land operations.

Moreover, a second hydraulic jack allows to adjust the pulling point.

MOULDBOARDS

From the model 22A



STEEL

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

Various models for a working depth ranging from 50 cm to 110 cm.

(For further information please contact the sales network)



SYNTHETIC

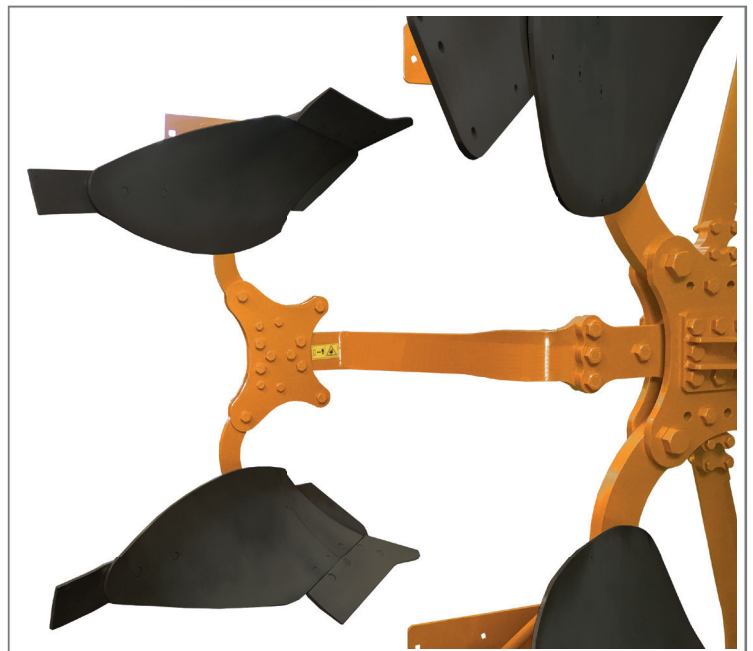
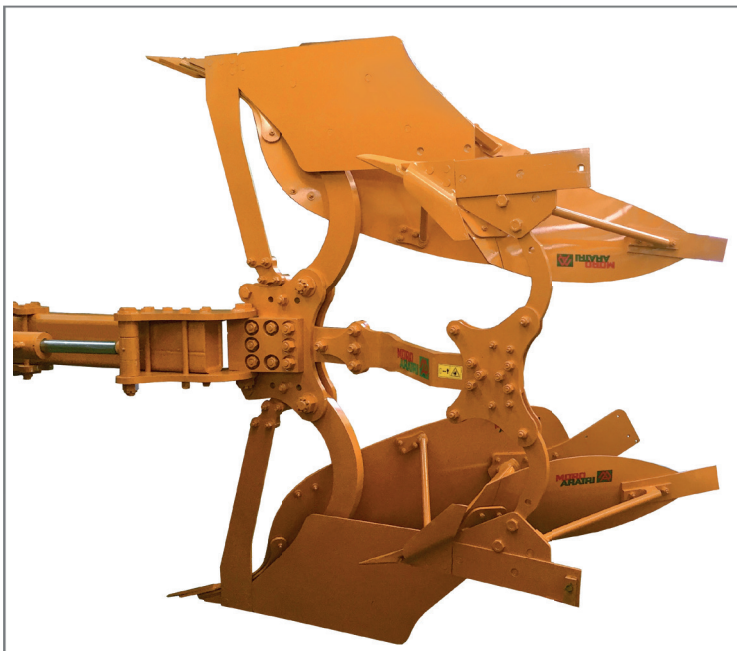
Plastic mouldboard for wet and sticky soils without stones. It allows the soils to flow with less effort.

Various models for a working depth ranging from 50 cm to 110 cm.

(For further information please contact the sales network)

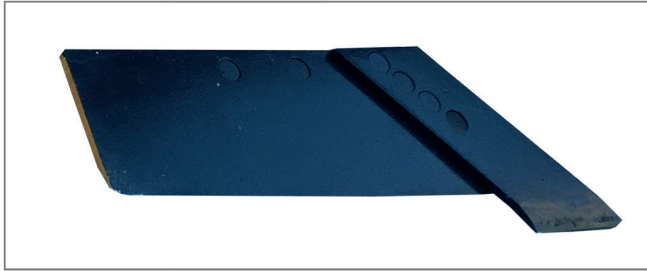
REAR BODY

During the in furrow operations, the rear body partially anticipates the working of the main body, turning over a portion of soil in the furrow. The depth is reduced, easing the inclination of the tractor.



EQUIPMENTS

From the model 22A



SHARE

High quality boron steel share, heat treated and wear resistant. MORO shares provide an excellent penetration in any soil and the point can be adjusted.



FULL KNIFE COULTER

For an excellent vertical cut of the furrow and an enhanced resistance to roots while deep ploughing.



DETACHABLE COUPLING YOKES HEADSTOCK

Solid headstock. The possibility of changing the coupling yokes with custom versions, allows a functional match with all tractors..

STANDARD VERSION

The MVP standard version is designed for ploughing until the working depth of 60 cm. Equipped with the hydraulic working width adjustment and with the parallelogram geometry, the MVP has 2 possible configurations

- In furrow / finishing
- On land / In furrow

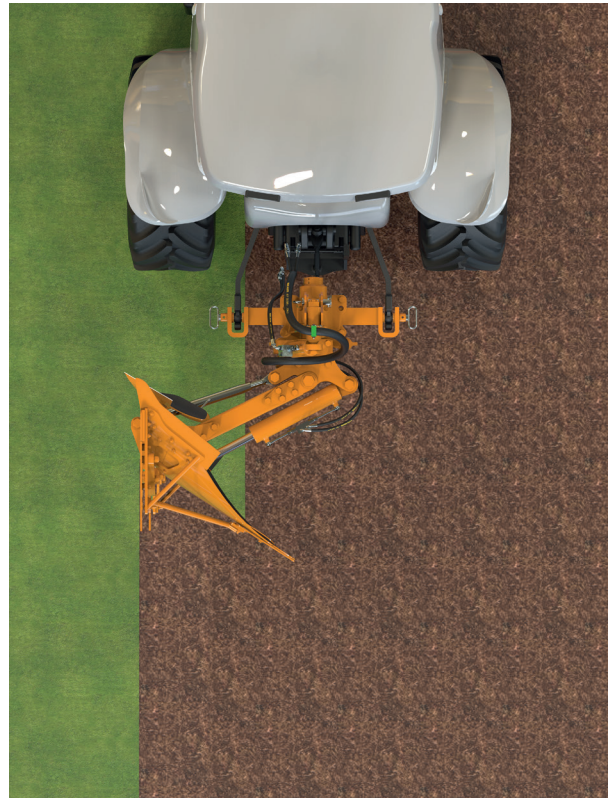


CONFIGURATION 1

IN FURROW



FINISHING



CONFIGURATION 2

ON LAND



IN FURROW



MOULDBOARDS

Until the model 20A



STELL

Boron steel mouldboard extremely wear resistant, for a precise and low power absorption ploughing. Various models for a working depth ranging from 20 cm to 55 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 20 cm to 55 cm. Synthetic version available.

(For further information please contact the sales network)



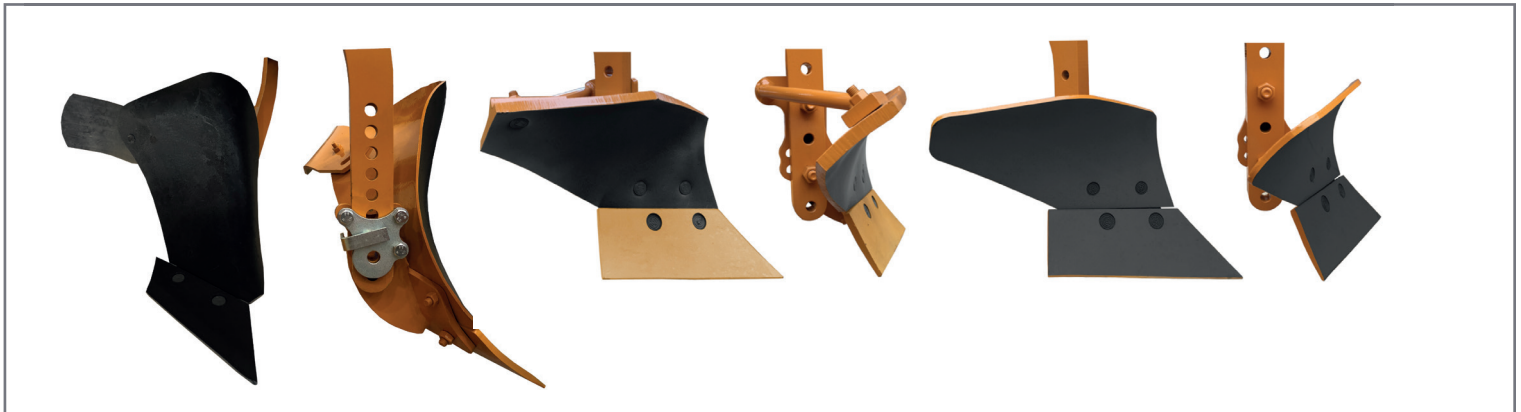
SYNTHETIC

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 20 cm to 55 cm.

(For further information please contact the sales network)

SKIMMERS

Rice field / Maize - Synthetic - Steel



EQUIPMENTS

Until the model 20A

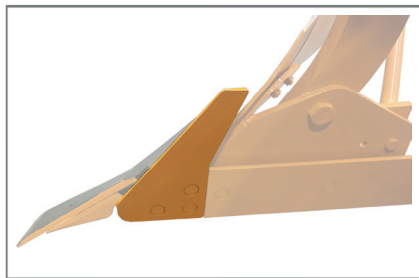


SHARES

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)
- 650 mm length



KNIFE COULTER

Available on all the plough bodies



STANDARD HEADSTOCK

Each MORO plough is equipped with an hydraulic headstock with a double acting reversing cylinder. Vertical tilt can be adjusted independently via 2 turnbuckles.

On request, for the reversing unit it is possible to mount a memory cylinder.



DETACHABLE COUPLING YOKES HEADSTOCK

Solid headstock. The possibility of changing the coupling yokes with custom versions, allows a functional match with all tractors.

TECHNICAL DATA

1 FURROW EXTREME

MVP I

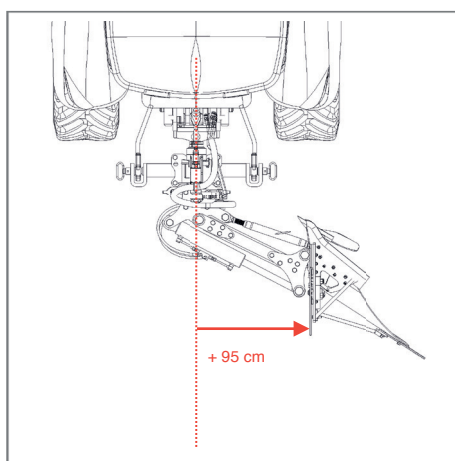
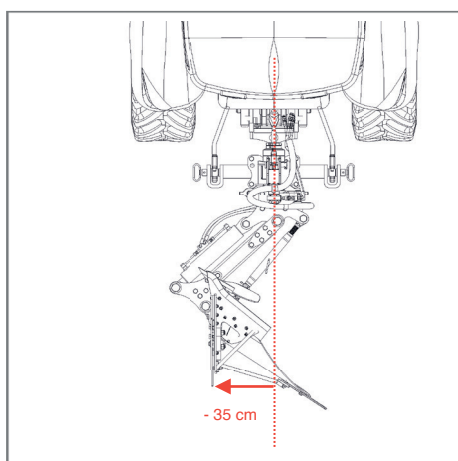
MODEL	BODY SPACING cm	OFFSET FROM THE CENTER OF THE LINE ON THE TRACTOR cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER	
							HP	MAX *
MVP 30 A		-100 +150	80-110	129	310x150	2650	400-500	600
MVP 28 A		-100 + 150	80-110	120	310x150	2400	300-400	450
MVP 26 A		-100 +150	70-95	112-120	310x150	2250	300-400	450
MVP 24 A		-100 +150	60-80	112	310x150	2100	220-300	330

1 FURROW STANDARD

MVP I

MODEL	BODY SPACING cm	OFFSET FROM THE CENTER OF THE LINE ON THE TRACTOR cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER	
							HP	MAX *
MVP 22 A		-80 +120	50-60	95/105	250X150	1400	170-200	260
MVP 20 A		-35 +100	45-55	93,5	200X120	850	135-160	170
MVP 18 AP		-35 +100	45-50	93,5	150X120	750	110-130	140
MVP 18 A		-35 +100	40-50	89	150X120	700	100-110	115
MVP 16 AP		-35 +95	35-45	89	150X120	650	90-100	105
MVP 16 A		-35 +95	30-40	84/89	150X120	600	80-90	95
MVP 14 A		-35 +95	30-40	84	150X120	550	70-80	85
MVP 12 A		-35 +95	30-35	83	120X120	500	60-70	75
MVP 10 A		-35 +85	25-35	83	120X120	450	50-60	65
MVP 8 A		-35 +85	25-35	74	120X120	410	40-50	55
MVP 6 A		-35 +85	20-30	72,5	120X120	370	35-45	50

OFFSET EXAMPLE - ON LAND VERSION



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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