

# DRAGON<sup>®</sup>

SEMI-MOUNTED PLOUGH FOR ON LAND & IN FURROW OPERATIONS WITH  
HYDRAULIC OR MECHANICAL FURROW WIDTH ADJUSTMENT



*Made in Italy  
since 1957*



**MORO**  
**ARATRI** 



# DRAGON

It is the new generation of semi mounted plough for on land and in furrow operations, available in versions with 4 to 9 bodies. Advanced software is used for design and structural analysis of these machines, with simulated performance and fatigue testing. The chassis of the DRAGON plough, like all the other structural parts, is made of special steel, with a very high yield load. Coupling of the elements are made by bolts, avoiding welded joints, and all the movements are made with pins and bushing with special anti-wear treatment.



## SUPPORT WHEEL:

The wheel is a fundamental element of the Dragon plough. Not only it serves as resting point for transport, but also it is the load bearing fulcrum during ploughing and turning of the plough. The working depth is adjustable by a 2 functions hydraulic jack with memory, and it can be changed directly from the tractor. Hydraulic actuations of the wheel for maneuvers in headland or road transport, do not change the pre selected working depth.



## RELIABLE HEADSTOCK:

The Dragon plough is provided with a robust 3 points linkage headstock of category 3 and 4N, which allows a wide turning angle. Security pins prevent accidental release.



## SAFE TRANSPORT:

While transporting, the plough is positioned centrally, and the 2 cylinders are also equipped with a manual valve for additional safety. On request, it is possible to add the marker boards and lighting.



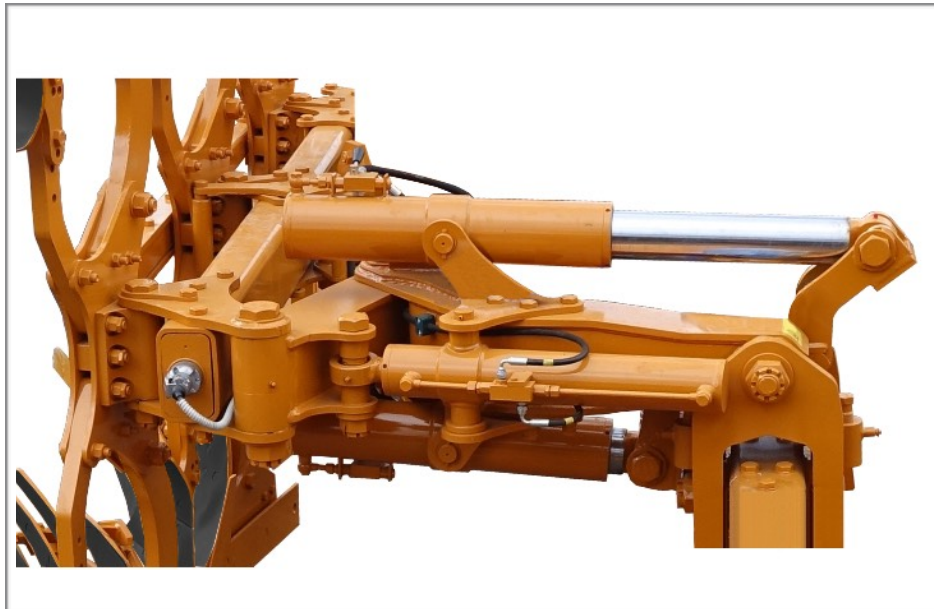
## BEAM:

The Dragon plough is equipped with a strong main beam which supports the working mouldboards. The PLUS version, available in version with 4 to 5 bodies, has a oversized beam, in order to match very high power tractors.



#### **REVERSING UNIT :**

A second beam is the rotation fulcrum and guide for the tractor. The reversing process is carried out by 2 well sized hydraulic cylinders, which ensures a safe and smooth movement.



#### **ON LAND & IN FURROW:**

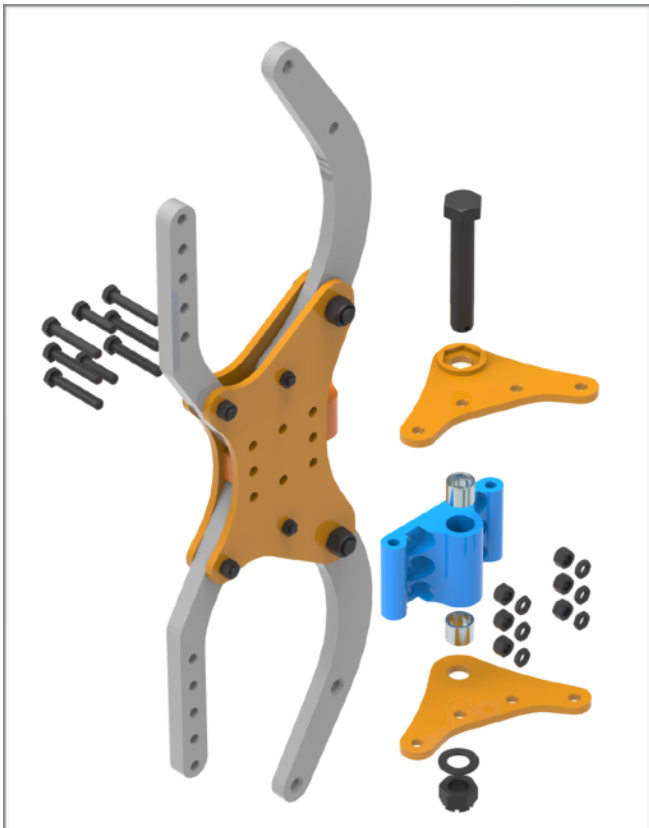
On request, the Dragon ploughs can be equipped with an hydraulic system which allows ploughing both on land and in furrow. The geometry and the wide excursion permits a considerable distance from the furrow and so, it is possible to work with large tractors.

# DRAGON W



## SMOOTH WIDTH ADJUSTMENT :

The Dragon W. is available in version from 4 to 9 bodies. 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.



## 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.



# DRAGON S



## MECHANICAL FURROW WIDTH ADJUSTMENT

Equipped with the mechanical furrow width adjustment, the Dragon S. ploughs allow the operator an accurate setting, according to different soil and climatic conditions. Available in version from 5 to 9 bodies, the plough is also provided with all the necessary adjustments for the perfect match and alignment to the tractor:

- First body adjustment
- Hydraulic depth adjustment of the rear wheel
- Vertical tilt adjustment



## FOUR POSITIONS:

The Dragon S. system has four pre determined positions in order to adjust the furrow width. The adjustment is made by moving the fixing bolts



# 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](#) )

## SKIMMERS

Rice field - Synthetic - Steel



# EQUIPMENTS



## TRASHBOARDS

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

## SHARES

High quality boron steel shares, heat treated and wear resistant. MORO shares provide an excellent penetration in any soil.

Available with reversible and interchangeable point.

## DISC COULTER

Smooth or scalloped coultter disc, 500 or 580 mm diameter.

Easy to set in every soil condition.

Non-stop version available.

## KNIFE COULTER

Available on all the plough bodies

## 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.





### **SINGLE DEPTH WHEEL**

Depth wheel with hydraulic shock absorber, adjustable via turnbuckles. Positioned on the first body.



### **DUAL DEPTH WHEEL**

Adjustable dual depth wheel. Positioned on the second body and particularly indicated while ploughing on land, it helps controlling the working depth



### **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.





***DRAGON***

# TECHNICAL DATA

9 FURROW								<i>Dw 9</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 9 A W.	100	25-65	20-30	84	200x120	4950	320-500	550	
8 FURROW								<i>Dw 8</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 8 A W.	100	25-65	25-35	84	200x120	4550	300-450	500	
7 FURROW								<i>Dw 7</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 7 AP W.	110	25-70	30-40	89	200x120	4300	280-400	480	
DRAGON 7 A W.	100	25-65	25-35	84	200x120	4150	230-350	370	
6 FURROW								<i>Dw 6</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 6 AP W.	120	25-70	30-40	89	200x120	3900	250-380	400	
DRAGON 6 A W.	100/110	25-65	25-35	84	200x120	3750	200-280	310	
5 FURROW								<i>Dw 5</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 5 AP W.	120	25-70	30-40	89	200x120	3500	230-320	380	
DRAGON 5 PLUS	120	30-72	35-45	94	200x200	4300	330-430	450	
4 FURROW								<i>Dw 4</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 4 PLUS	120	30-72	35-45 / 40-50	94	200x200	3850	280-380	430	

9 FURROW								<i>Ds 9</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 9 A S.	100	33-37-42-47	20-30	84	200x120	4400	300-500	550	
8 FURROW								<i>Ds 8</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 8 A S.	95/100	33-37-42-47	25-35	84	200x120	4100	280-450	500	
7 FURROW								<i>Ds 7</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 7 AP S.	110	36-41-46-52	30-40	89	200x120	3900	260-400	480	
DRAGON 7 A S.	100	33-37-42-47	25-35	84	200x120	3750	210-350	370	
6 FURROW								<i>Ds 6</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 6 AP S.	120	39-45-51-56	30-40	89	200x120	3550	230-380	400	
DRAGON 6 A S.	100/110	36-41-46-52	25-35	84	200x120	3400	180-280	310	
5 FURROW								<i>Ds 5</i>	
MODEL	BODY SPACING cm	WORKING WIDTH cm	WORKING DEPTH cm	UNDERBEAM CLEREANCE cm	BEAM CROSS SECTION mm	WEIGHT kg	POWER		
							HP	MAX *	
DRAGON 5 AP S.	120	39-45-51-56	30-40	89	200x120	3200	200-320	380	

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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