



# **CARTED V-RAKE**

## **CADDY – BATRAKE – MAXIMUS – EASY RAKE**



# CADDY & BATRAKE – DATA SHEET

CADDY									
MODEL	RAKING WHEEL			Width [cm]		Transport length	Horse Power	Windrow width min/max	Weight
	NO°	Teeth	Diameter	Working	Transport				
CADDY 8	8	40	140 cm	540	250	490	20	95/210	600
CADDY 10	10	40	140 cm	640	250	540	20	95/210	660
CADDY 12	12	40	140 cm	740	250	630	30	95/210	740

BATRAKE									
MODEL	RAKING WHEEL			Width [cm]		Transport length	Horse Power	Windrow width min/max	Weight
	N°	Teeth	Diameter	Working	Transport				
BATRAKE 8	8	40	140 cm	560	250	530	20	95/210	650
BATRAKE 10	10	40	140 cm	660	250	580	20	95/210	740
BATRAKE 12	12	40	140 cm	740	250	660	30	95/210	850



## STRONG POINTS - BATRAKE

**MANUAL TELESCOPIC ARMS:** to adjust the working width and windrow.

**INDIPENDENT RAKING WHEELS ARMS:** for an optimal adjustment of the weight of the rake wheels on the ground.

**RIGID AND STURDY STRUCTURE.**

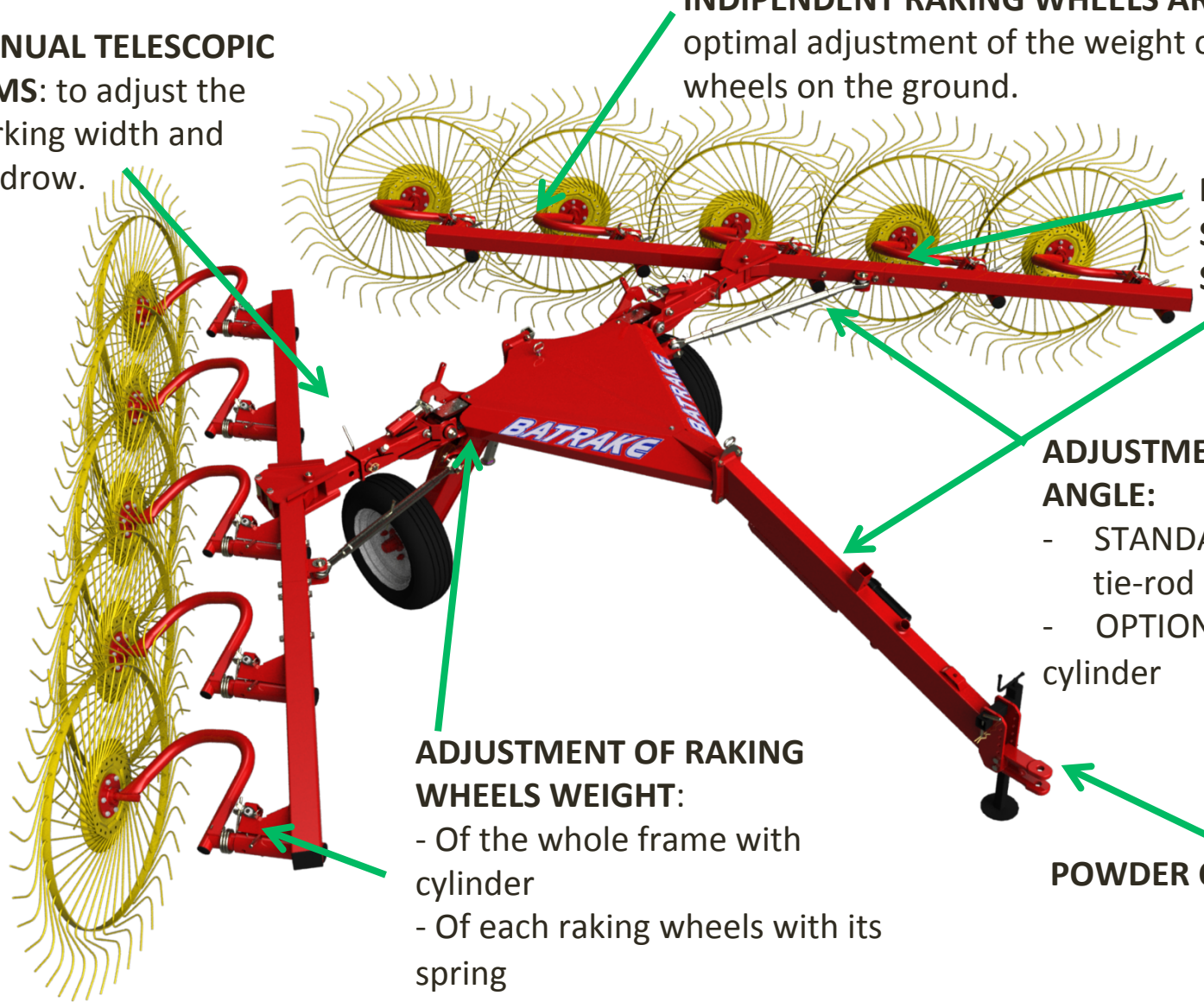
**ADJUSTMENT OF FRAME ANGLE:**

- STANDARD mechanic tie-rod
- OPTIONAL hydraulic cylinder

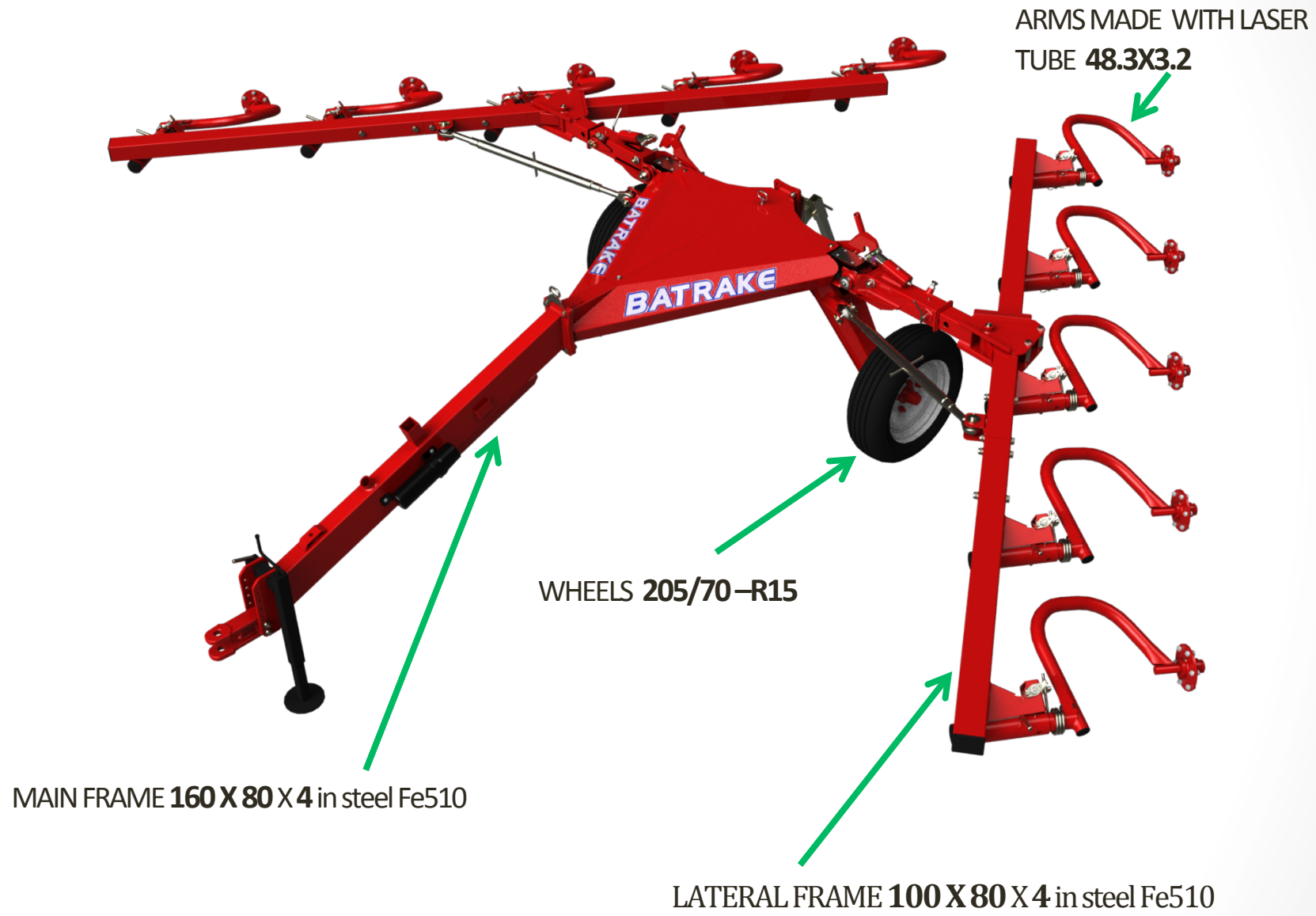
**ADJUSTMENT OF RAKING WHEELS WEIGHT:**

- Of the whole frame with cylinder
- Of each raking wheels with its spring

**POWDER COATING**



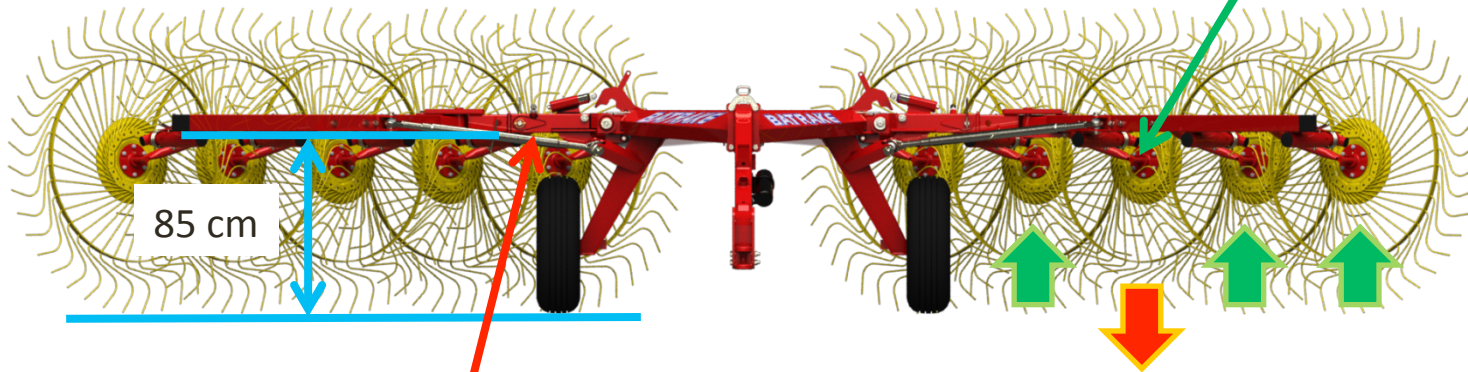
# STRUCTURAL STRONG POINTS – BATRAKE



# RAKING WHEELS

Movement of each raking wheels and arms is completely **INDEPENDENT** and the adaptation to the ground is perfect.

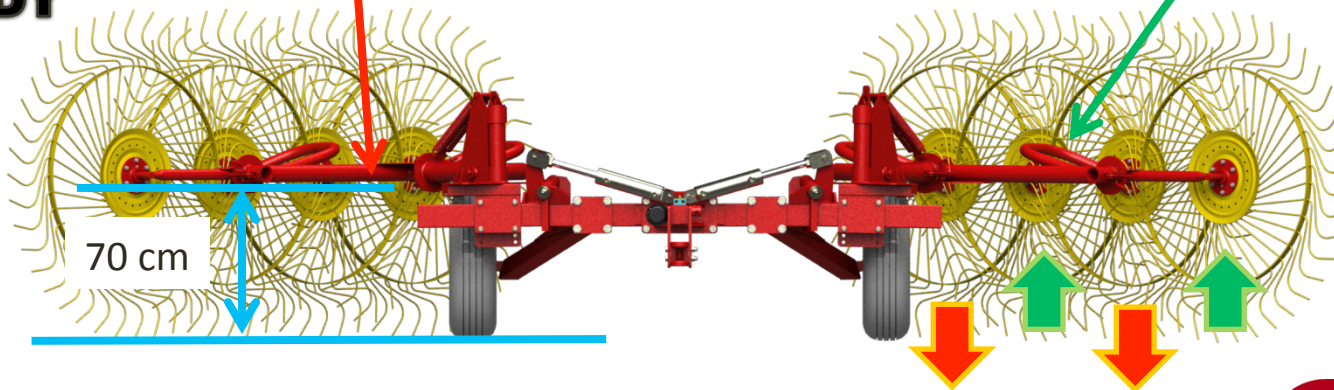
## BATRAKE



Raking wheels back to the frame.

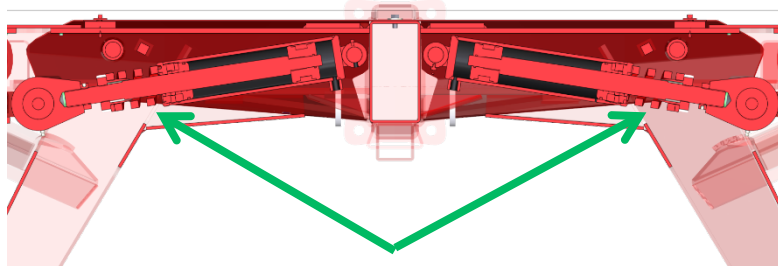
Movement of the raking wheels coupled on the same arm, give a good adaptation to the ground but do not have complete freedom of movement.

## CADDY

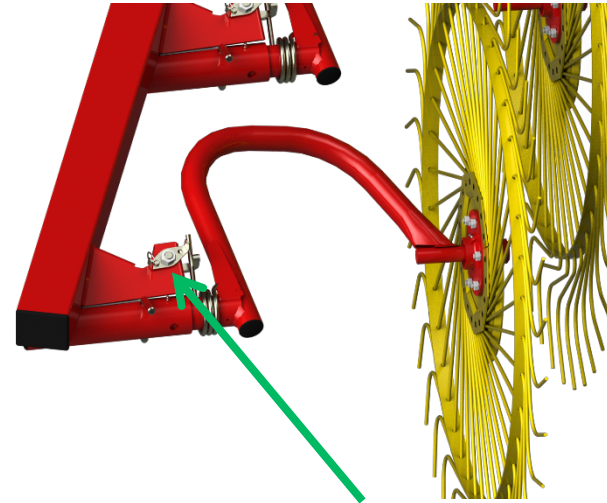


# ADJUSTMENT OF RAKING WHEELS WEIGHT

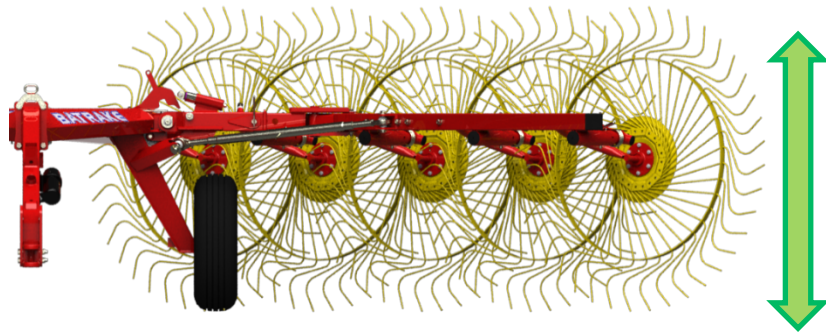
## BATRAKE



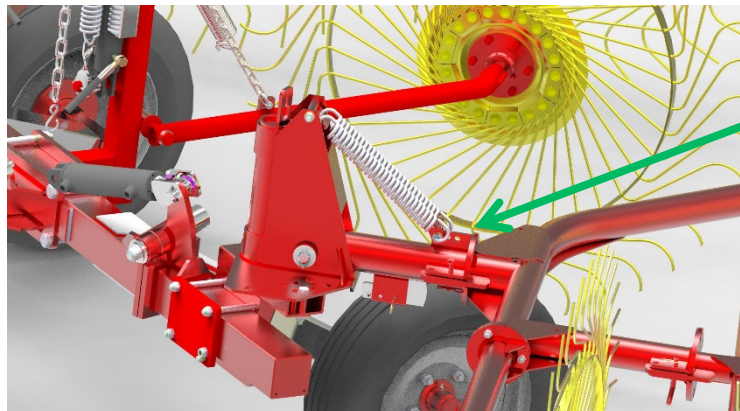
The springs on the cylinders help lateral frames to float and adjust the ground pressure.



The weight of each raking wheel can be adjusted independently to the others.



## CADDY



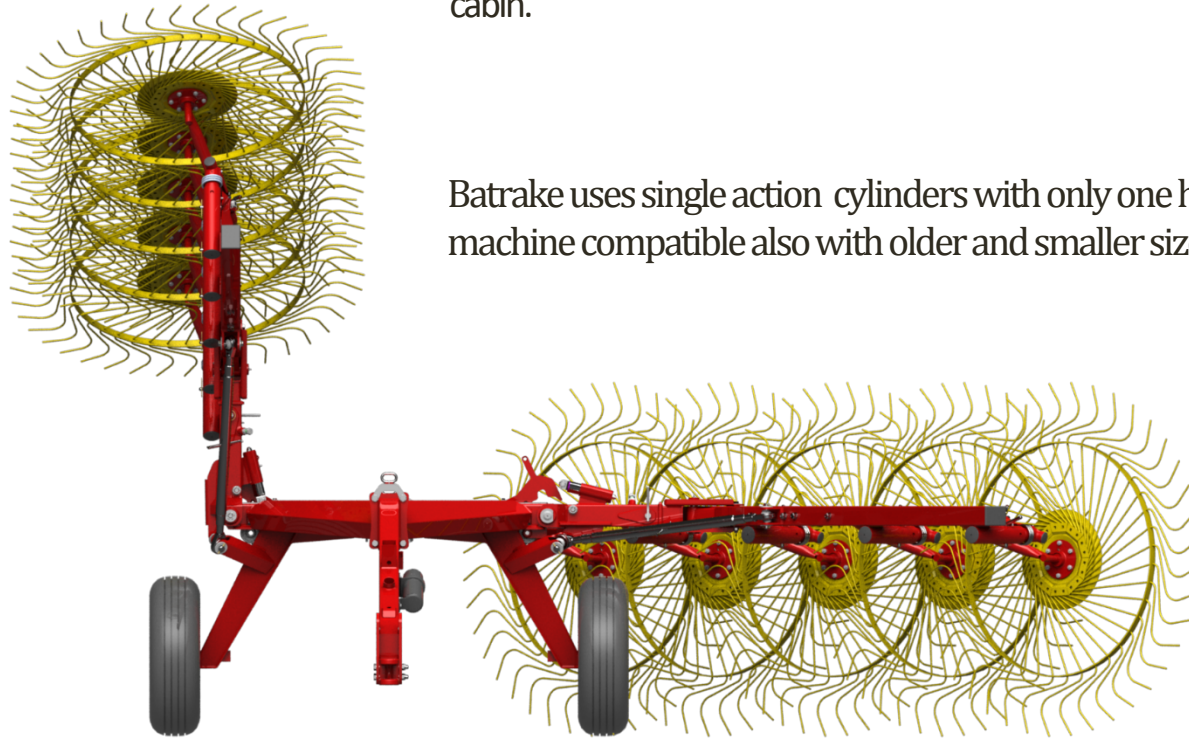
The 2 springs on each arm give the possibility for 3 different adjustments to the ground pressure .

## WORKING WITH ONLY ONE SIDE:

### BATRAKE

It is standard and it is enough to unhook the safety hooks directly from the tractor cabin.

Batrake uses single action cylinders with only one hydraulic hose, making the machine compatible also with older and smaller size tractors.

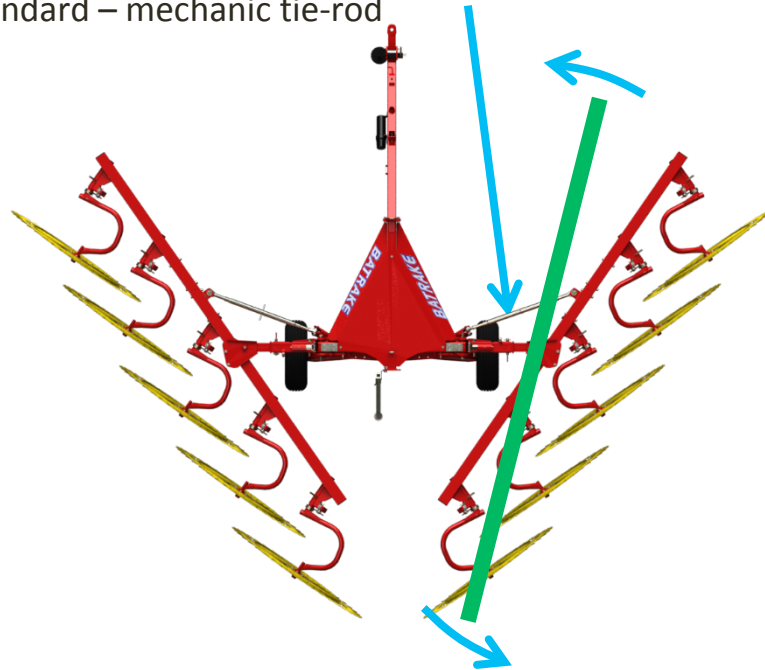


### CADDY

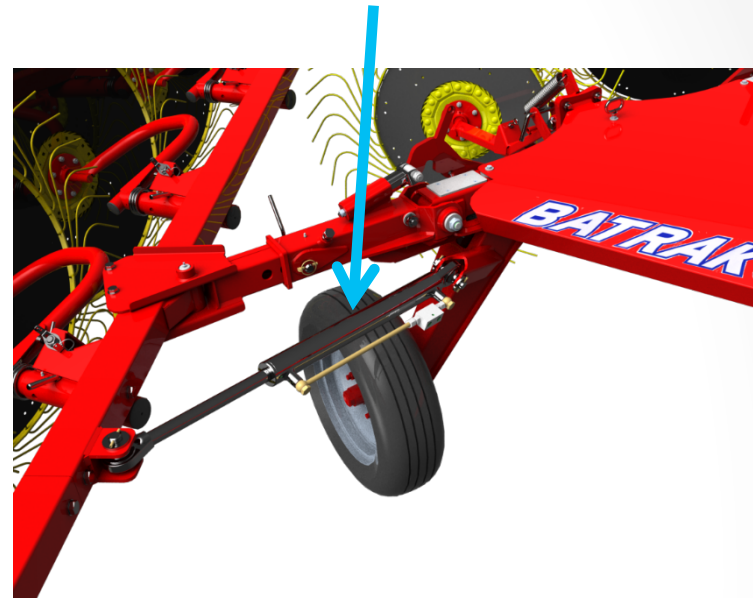
It is an optional and a hydraulic kit is required.

## **BATRAKE** WORKING AND WINDROW WIDTH ADJUSTMENT:

Standard – mechanic tie-rod

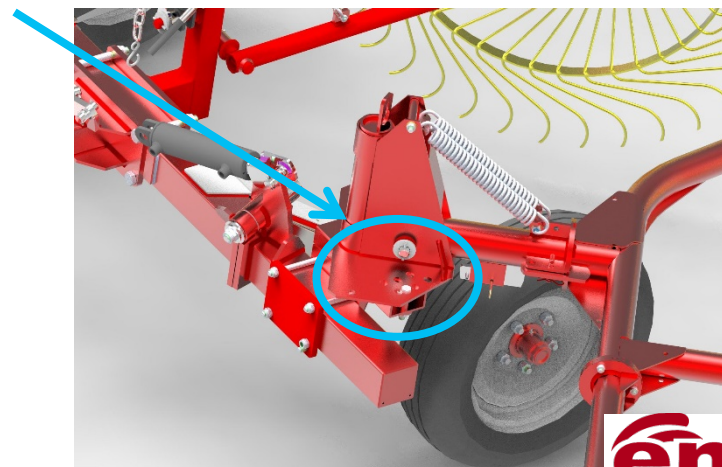
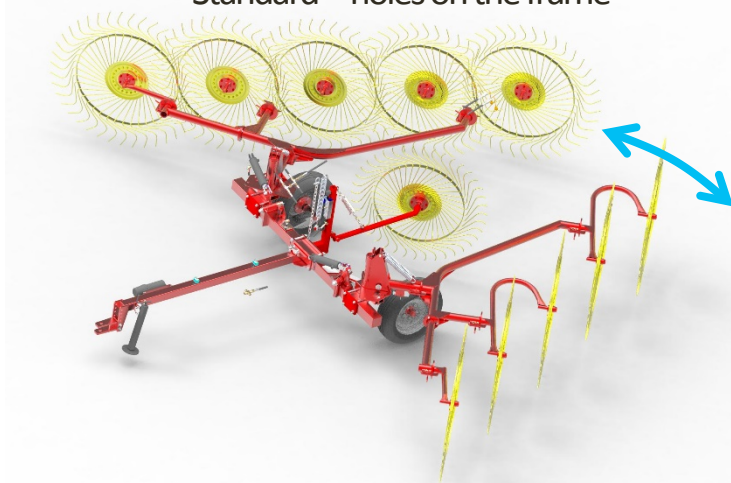


Optional – hydraulic cylinder



## **CADDY** WORKING AND WINDROW WIDTH ADJUSTMENT:

Standard – holes on the frame

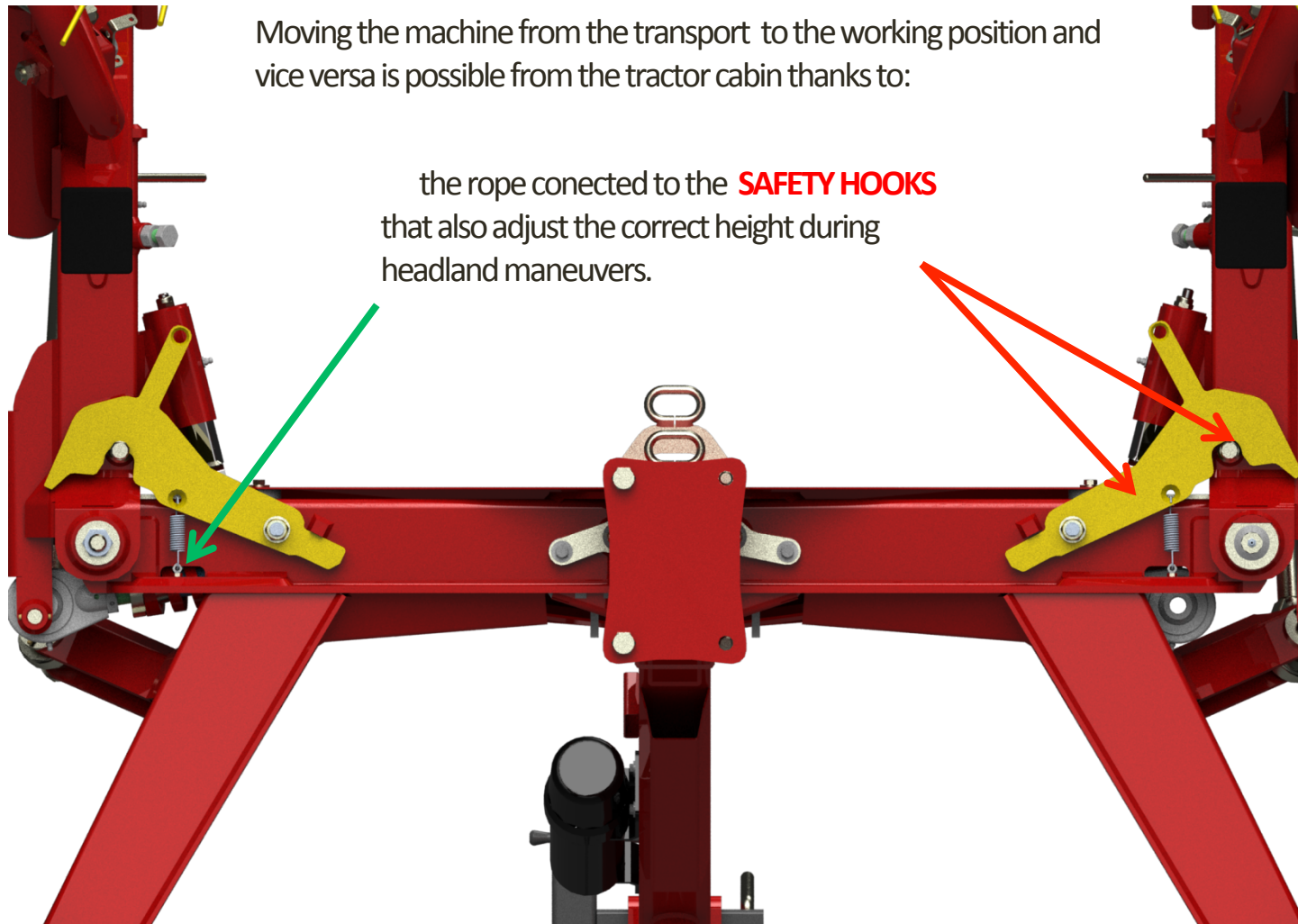




## BATRAKE – OPENING AND CLOSING OF THE MACHINE

Moving the machine from the transport to the working position and vice versa is possible from the tractor cabin thanks to:

the rope connected to the **SAFETY HOOKS** that also adjust the correct height during headland maneuvers.



# MAXIMUS RAKE – DATA SHEET

BATRAKE									
MODEL	Raking Whells			Width [cm]		Transport lenght	HP	Windrow width min/max	Weight
	No°	Teeth	Diameter	Working	Trasport				
<b>BATRAKE 8</b>	8	40	140 cm	560	250	530	20	95/210	650
<b>BATRAKE 10</b>	10	40	140 cm	660	250	580	20	95/210	740
<b>BATRAKE 12</b>	12	40	140 cm	740	250	660	30	95/210	850

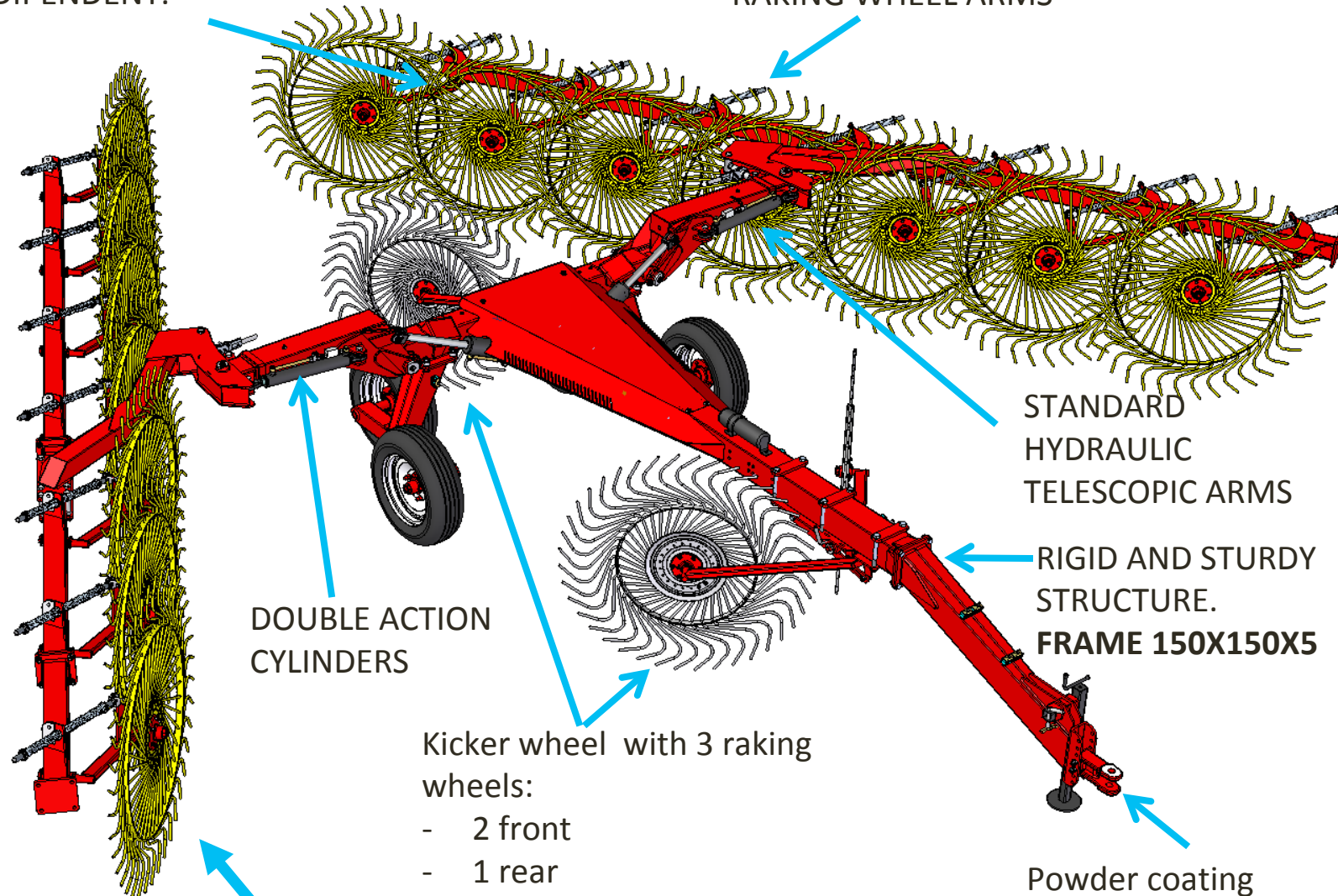
MAXIMUS RAKE									
MODEL	Stelle			Larghezza [cm]		Transport lenght di trasporto	HP	Windrow width min/max	Weight
	No°	Teeth	Diameter	Working	Trasport				
<b>MAXIMUS 12</b>	12	40	140 cm	660/740	255	780	20	90/170	1350
<b>MAXIMUS 14</b>	14	40	140 cm	750/830	255	780	20	90/170	1500



# STRONG POINTS – MAXIMUS RAKE

RAKING WHEELS ARMS  
INDIPENDENT.

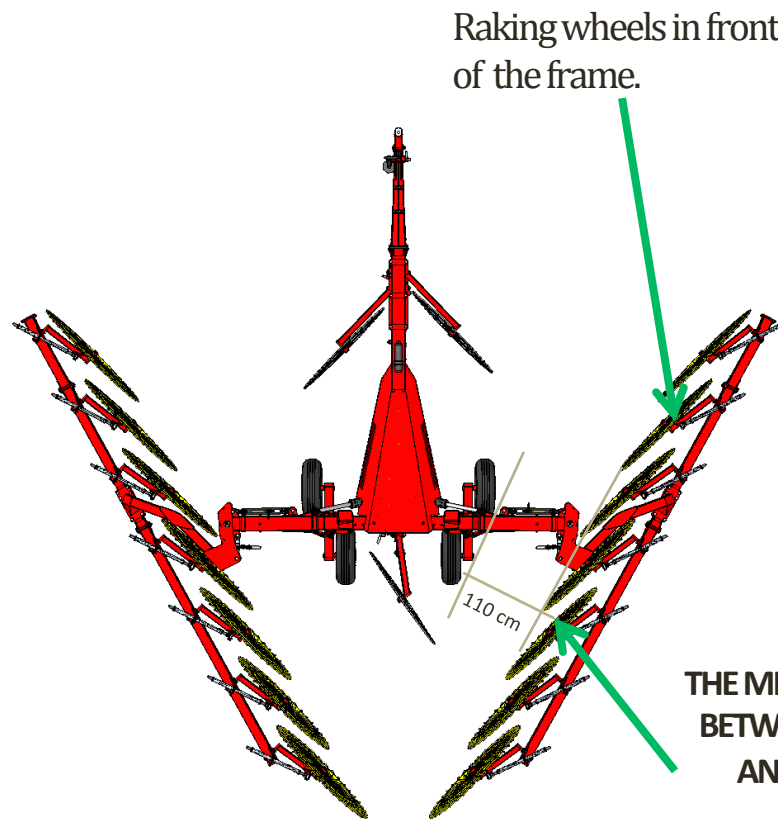
DOUBLE SPRING SYSTEM ON EACH  
RAKING WHEEL ARMS



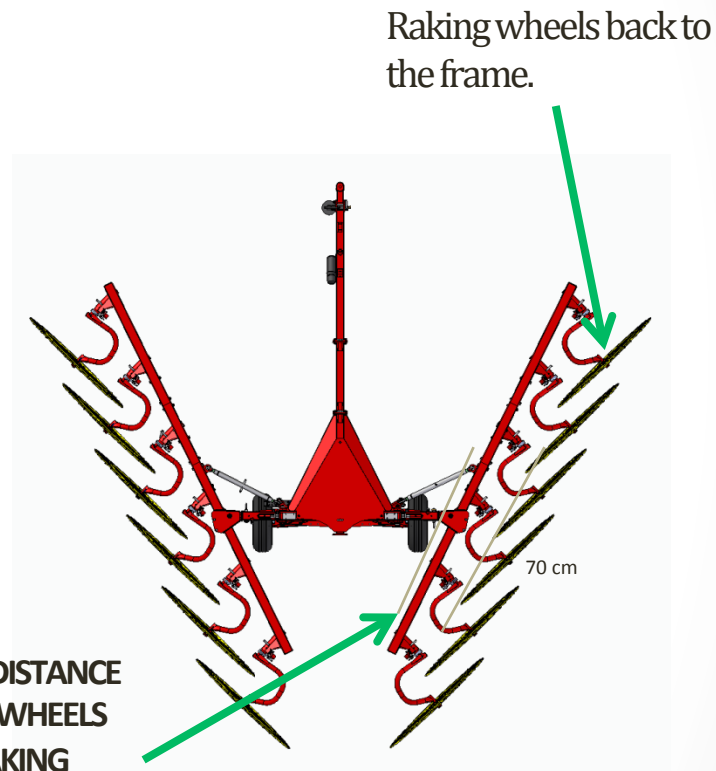
GUARANTEES A GREAT CENTRAL CLEANING

# RAKING WHEELS IN FRONT OF THE FRAME

RAKING WHEELS IN FRONT OF THE FRAME IN MAXIMUS RAKE ALLOW THE PROCESSING OF EVEN LARGE QUANTITY OF PASTURE WHICH SLIDE ON THE WHEELS WITHOUT MEETING ANY OBSTACLES HELPED BY THE FACT THAT THE MINIMUM DISTANCE BETWEEN THE WHEELS AND THE RAKING WHEELS IS 110 cm AGAINST 70 cm OF THE BATRAKE.



**MAXIMUS**

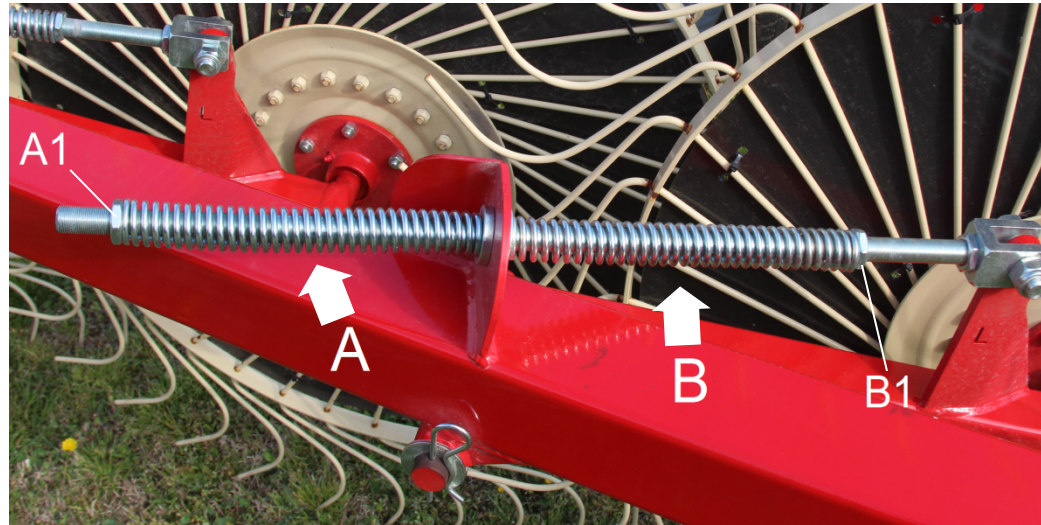


**BATRAKE**

THE MINIMUM DISTANCE BETWEEN THE WHEELS AND THE RAKING WHEELS  
110 cm VS 70 cm

## DOUBLE SPRING SYSTEM ON EACH RAKING WHEELS.

### MAXIMUS



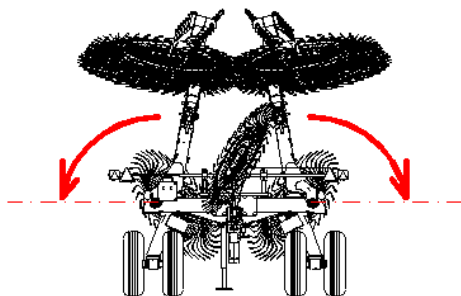
THE MAXIMUS RAKING WHEEL ARMS ARE EQUIPPED WITH AN UNIQUE SPRING SYSTEM THAT ALLOWS TO SET THE WEIGHT (SPRING A) AS WELL THE PRESSURE (SPRING B) OF THE RAKE WHEELS ON THE GROUND ENSURING THE MAXIMUM ADHERENCE TO THE GROUND.

### BATRAKE

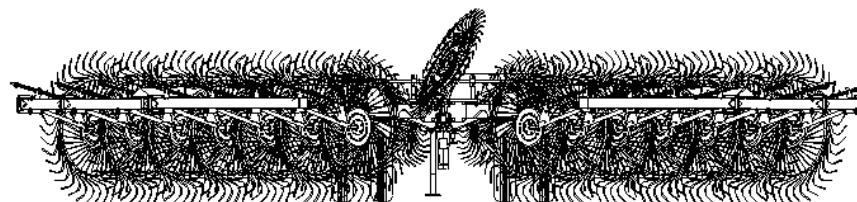
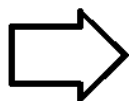


THE BATRAKE RAKING WHEEL ARMS ARE EQUIPPED WITH A SPRING WHICH SETS THE WEIGHT OF THE RAKE WHEELS ON THE GROUND.

# FROM WORKING TO TRANSPORT POSITION



CONFIGURAZIONE DA TRASPORTO  
TRANSPORT CONFIGURATION



CONFIGURAZIONE DA LAVORO  
WORKING CONFIGURATION

## MAXIMUS



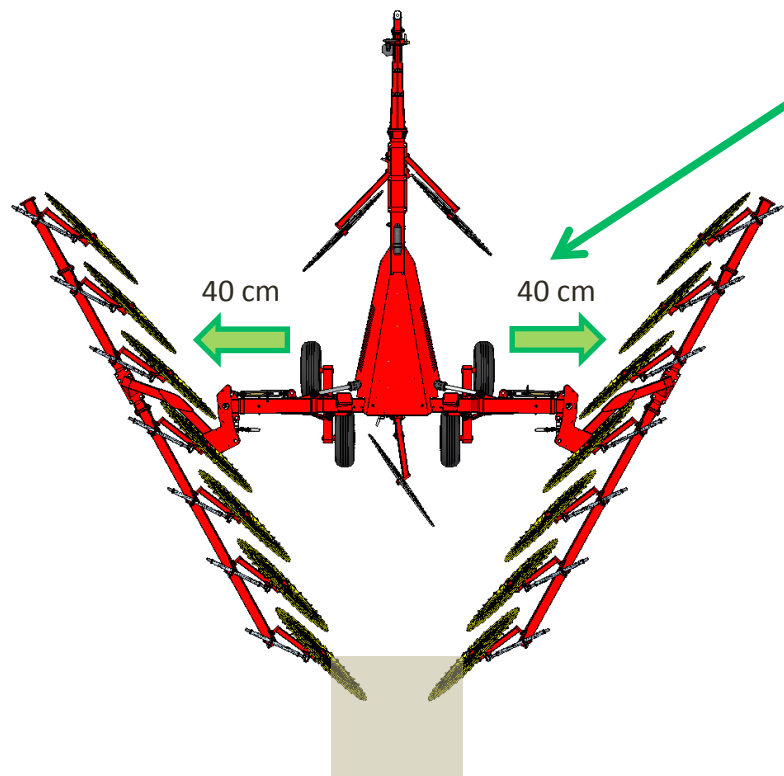
THE DOUBLE ACTION CYLINDER ALLOWS TO MOVE FROM WORKING POSITION TO TRANSPORT POSITION IN ANY CONDITION OF SLOPES. MOVEMENTS OF EACH LATERAL SIDE FRAME ARE SYNCHRONIZED THROUGH BALANCING VALVES.

## BATRAKE



MOVING FROM THE WORKING POSITION TO THE TRANSPORT POSITION THROUGH THE OPENING SPRING.

## REGULATION OF THE WIDTH OF THE WINDROW



THE TELESCOPIC ARMS OF THE FRAMES IN THE MAXIMUS RAKE ALLOW A TOTAL OPENING OF 80 cm AND IT'S POSSIBLE TO ADJUST THE WIDTH OF THE WINDROW WITHOUT MODIFYING THE INCLINATION OF THE LATERAL FRAMES.

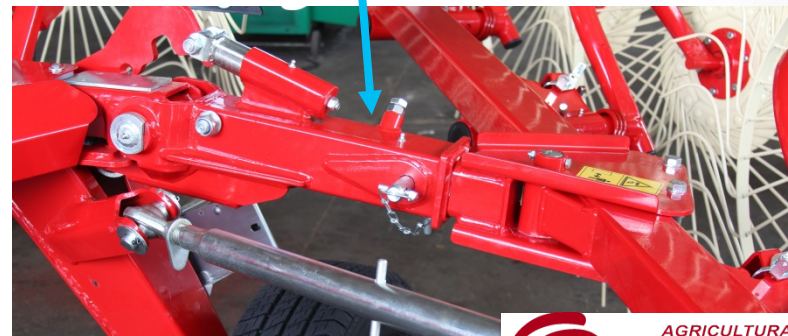
IN BATRAKE MODEL THE TOTAL OPENING IS OF 30 cm AND TO ADJUST THE WIDTH OF THE WINDROW IT IS NECESSARY TO ADJUST ALSO THE INCLINATION OF THE FRAMES.

THE REGULATION OF THE WIDTH OF THE WINDROW IS HYDRAULIC AND STANDARD IN THE MAXIMUS, WHILE IT IS MECHANICAL IN THE BATRAKE .

### MAXIMUS



### BATRAKE

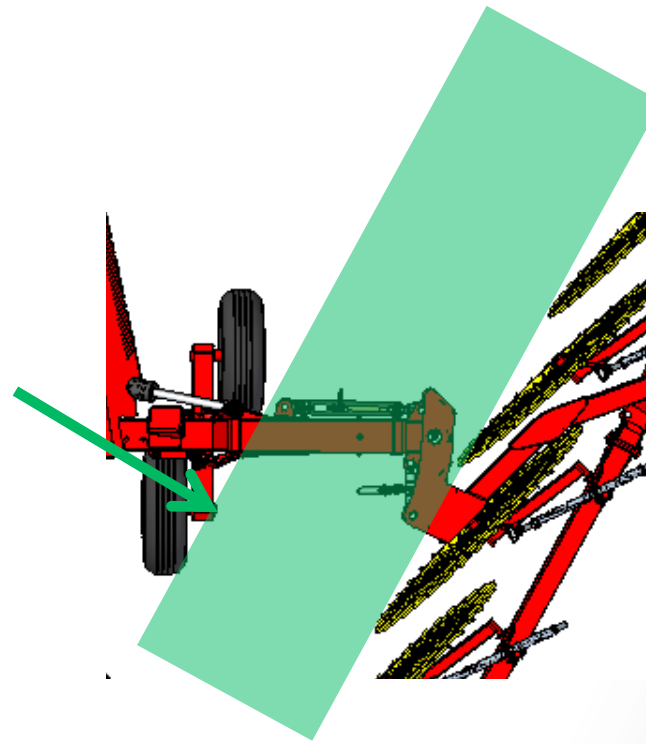


## MAXIMUS - STANDARD TANDEM WHEELS



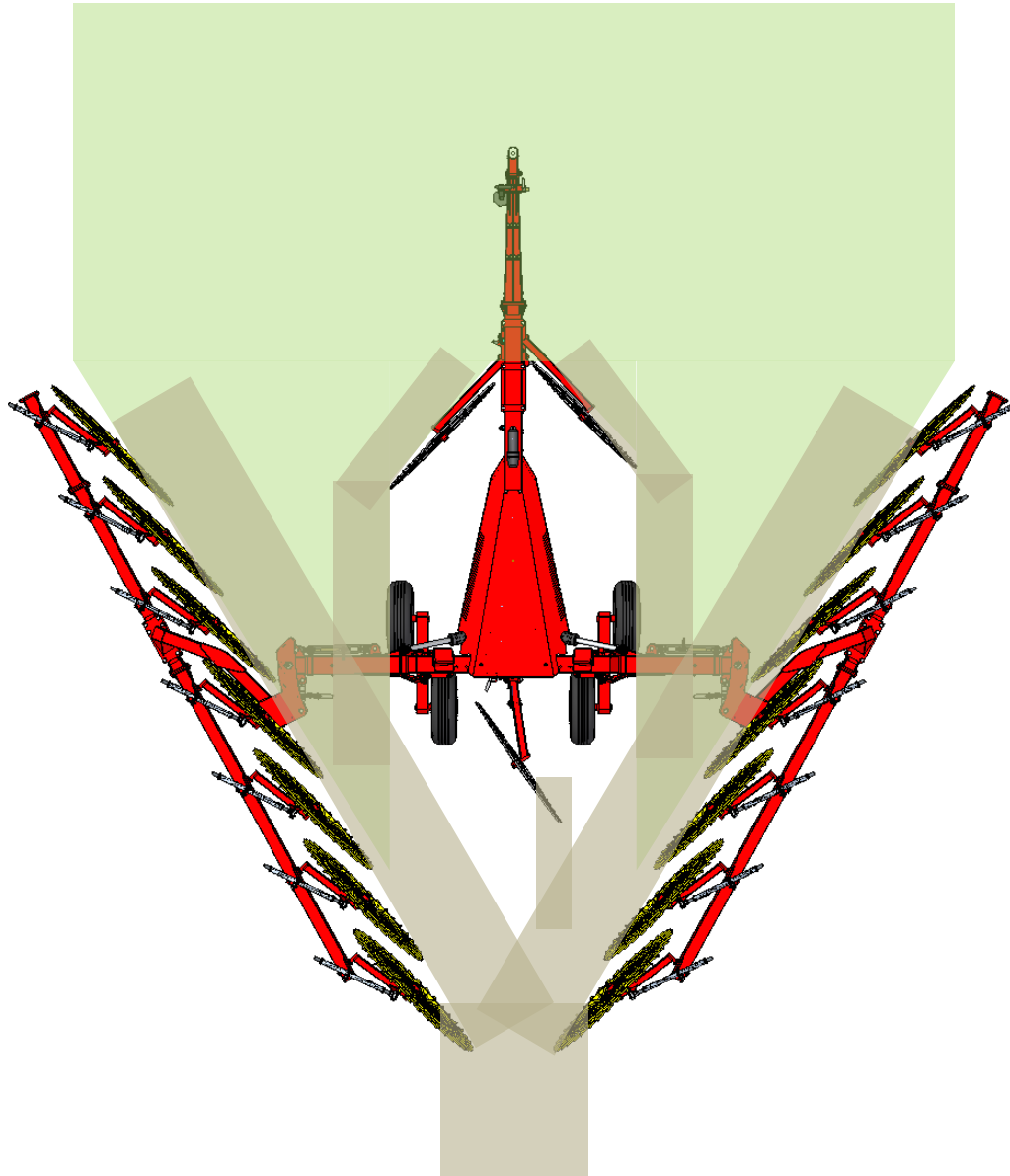
STANDARD TANDEM WHEELS FOR A PERFECT ADAPTATION TO THE GROUND WHICH ALLOWS TO INCREASE THE SPEED OVER BUMPS AND FURROWS.

GREAT SPACE BETWEEN TYRES AND RAKE WHEELS TO ALLOW AN EASIER PASSAGE OF HIGH VOLUME OF GRASS.





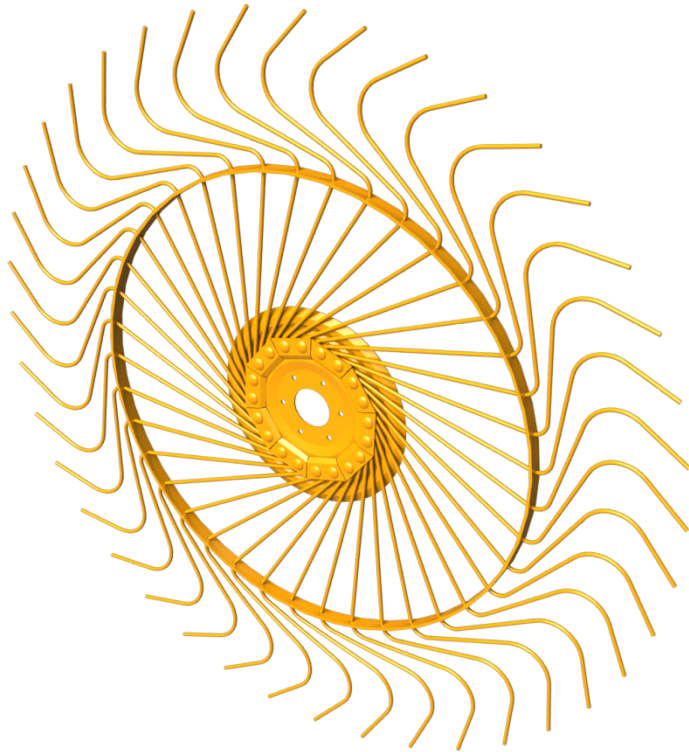
## KICKER WHEEL



BATRAKE IS EQUIPED WITH A KICKER WHEEL SYSTEM OF 1 RAKE WHEEL AND SAME SYSTEM IN MAXIMUS RAKE HAS 3 RAKE WHEELS .

THIS SYSTEM OPTIMIZES THE CLEANING OF THE GROUND IN THE CENTER ALSO WITH THE MAXIMUM WIDTH OF WINDROW.

## RAKING WHEELS



### STANDARD RAKING WHEEL WITH STEEL TEETH 6,9 :

- INTERNAL DIAMETER  $\varnothing 830$
- EXTERNAL DIAMETER  $\varnothing 1400$
- THEET DIAMETER  $\varnothing 6,9$

### OPTIONAL RAKING WHEEL WITH STEEL TEETH 7,5 :

- INTERNAL DIAMETER  $\varnothing 960$
- EXTERNAL DIAMETER  $\varnothing 1500$
- THEET DIAMETER  $\varnothing 7,5$

**OPTIONAL RUBBERFLEX:** RUBBER WHEELS  
SUITABLE FOR HEAVY AND WET PASTURE.

