

**SFOGGIA** ®

**Calibra**

# Calibra: Precision pneumatic planter for vegetables





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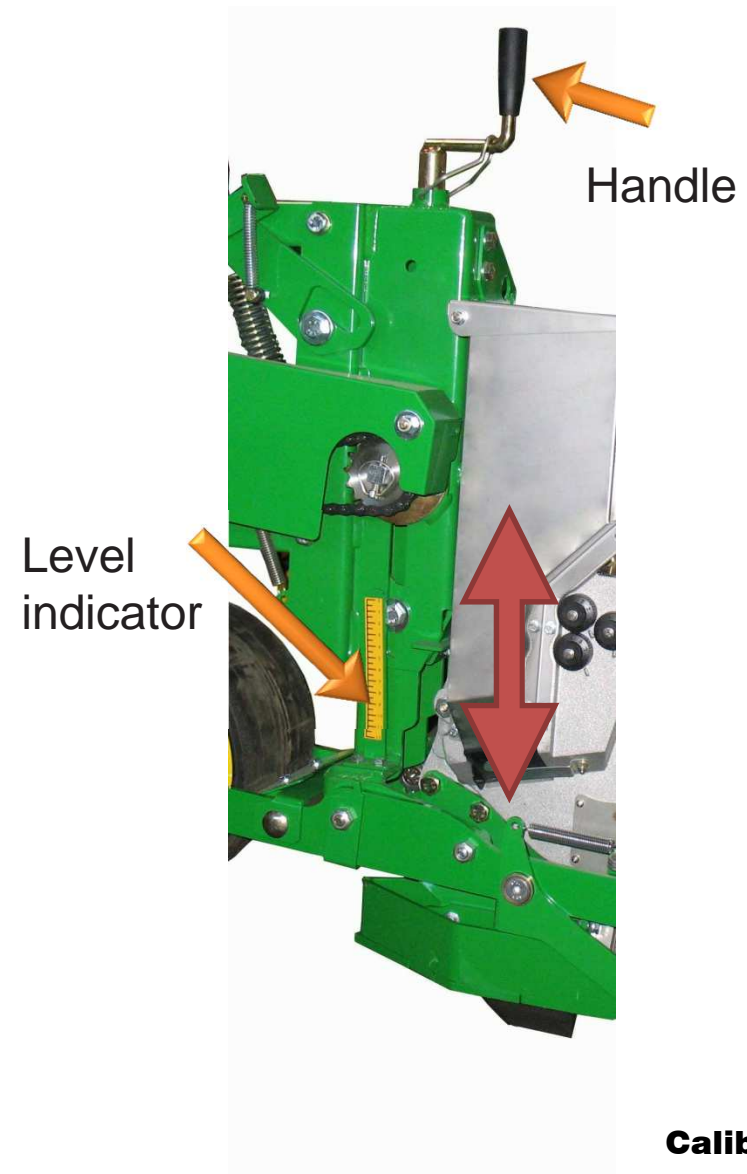
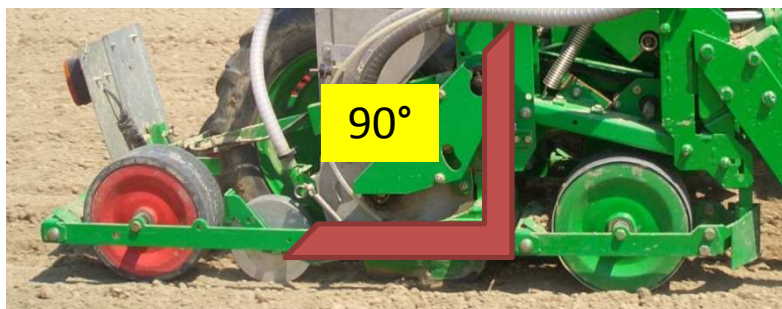
# Calibra Sowing Unit



# Calibra Sowing Unit: sowing depth regulation



The sowing depth adjustment is on the center of the planting unit.  
In this way sowing body works always perpendicular to the soil.



**Calibra**

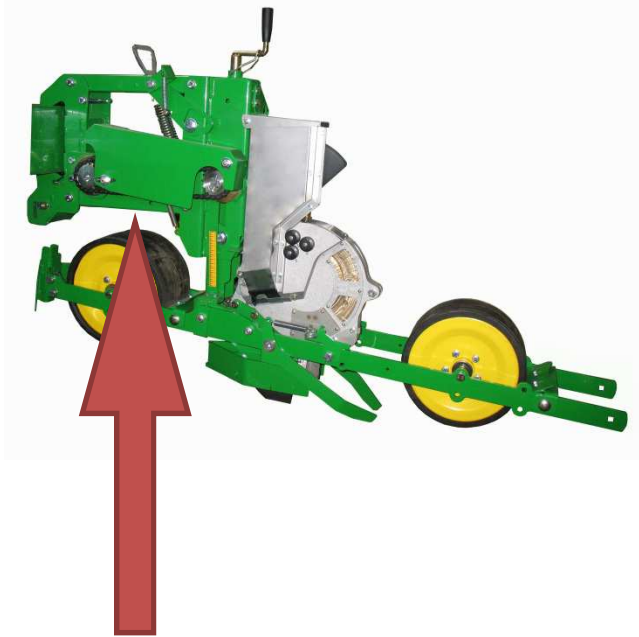


## Calibra Sowing Unit: floating unit



The floating unit seeding system with working depth adjustability insured by the two wheels (front and back) insures a constant sowing depth.

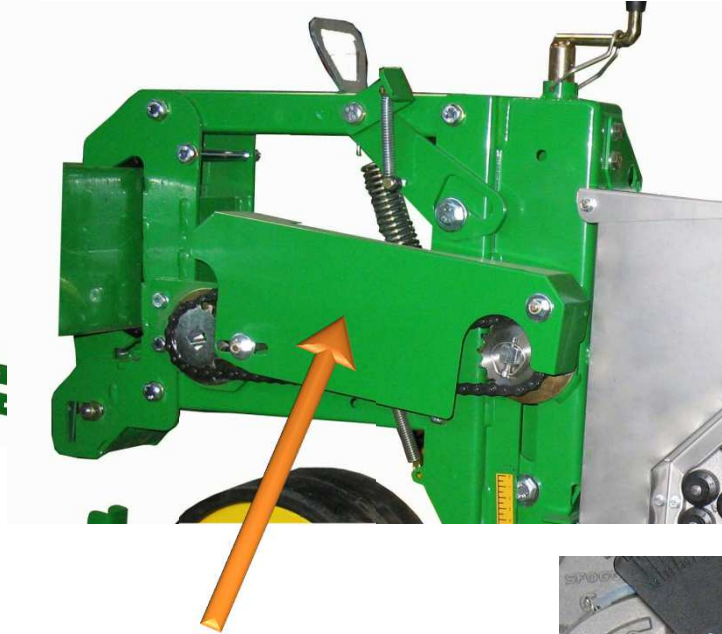
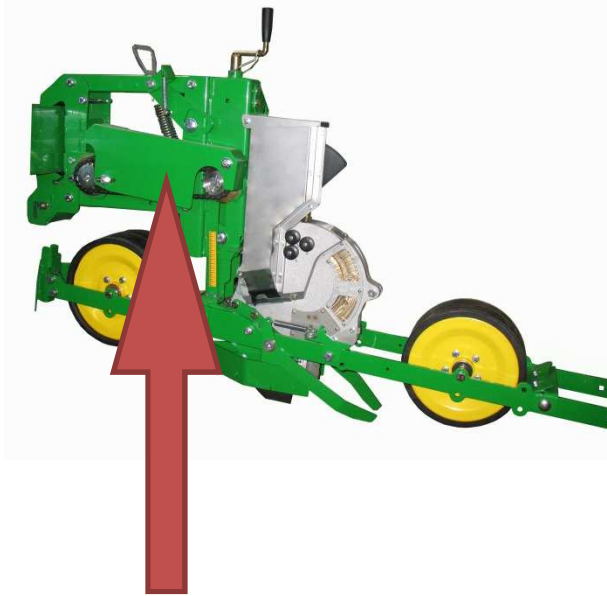
## Calibra Sowing Unit: parallelogram



The notable length of the parallelogram arms allows an elevate excursion of the element in order to follow more smoothly the contours of the land.

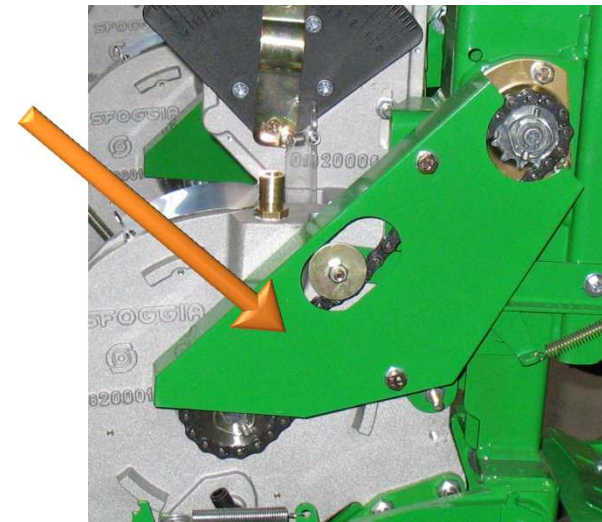


# Calibra Sowing Unit: double chain transmission



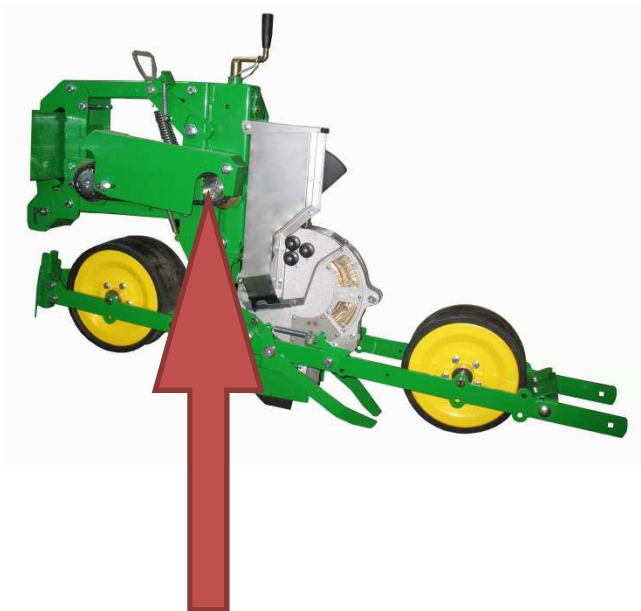
Double chain transmission system guarantee a constant rotation of the sowing disc, therefore a regular distance between seeds, even in the presence of different land levels.

The drive chain is  $\frac{1}{2}$ ", very strong and widely available on the market if needed as spare-part

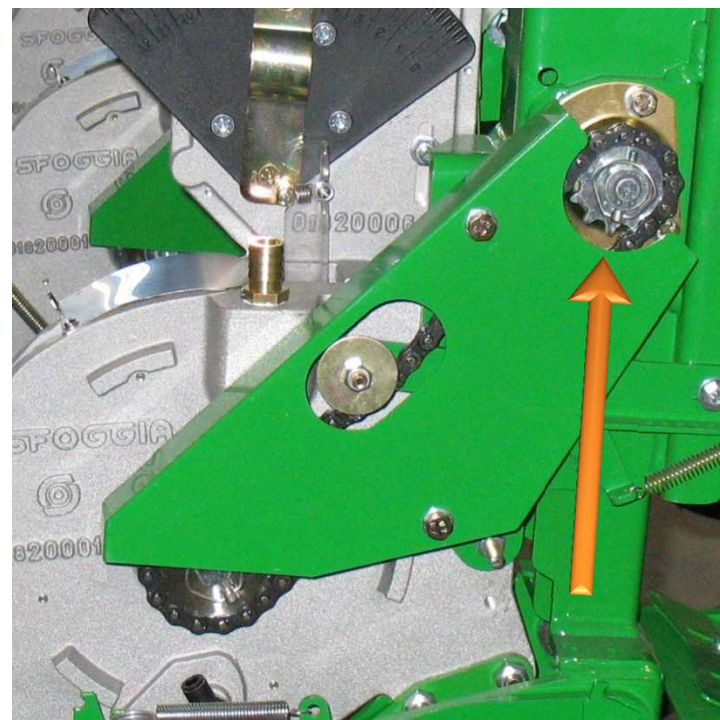




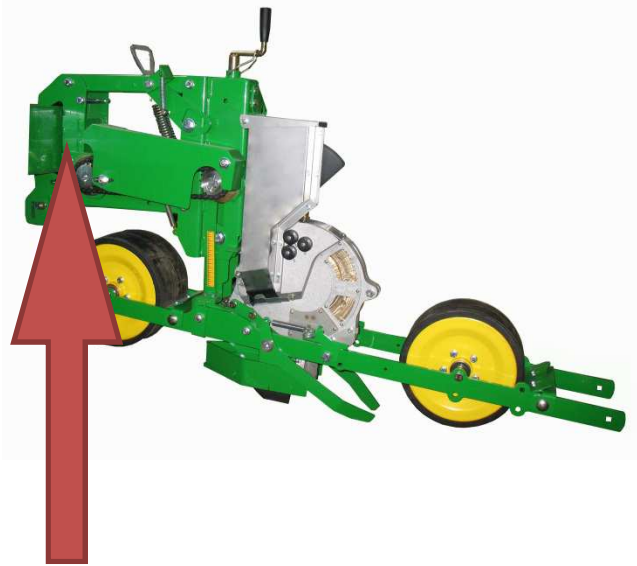
# Calibra Sowing Unit: unit disconnection



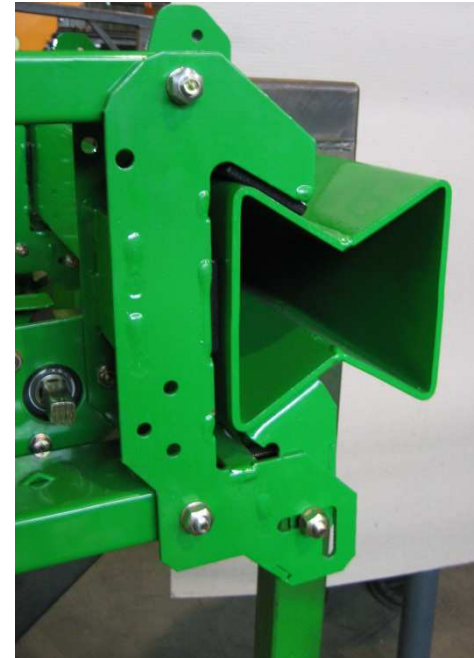
Manual rapid disconnection of the element: by a split pin on the gear of the chain transmission



## Calibra Sowing Unit: unit frame attachment



Frame is a double «C» profile and units are mounted on a teflon skid. With this system it's possible to adjust row distances very easily.



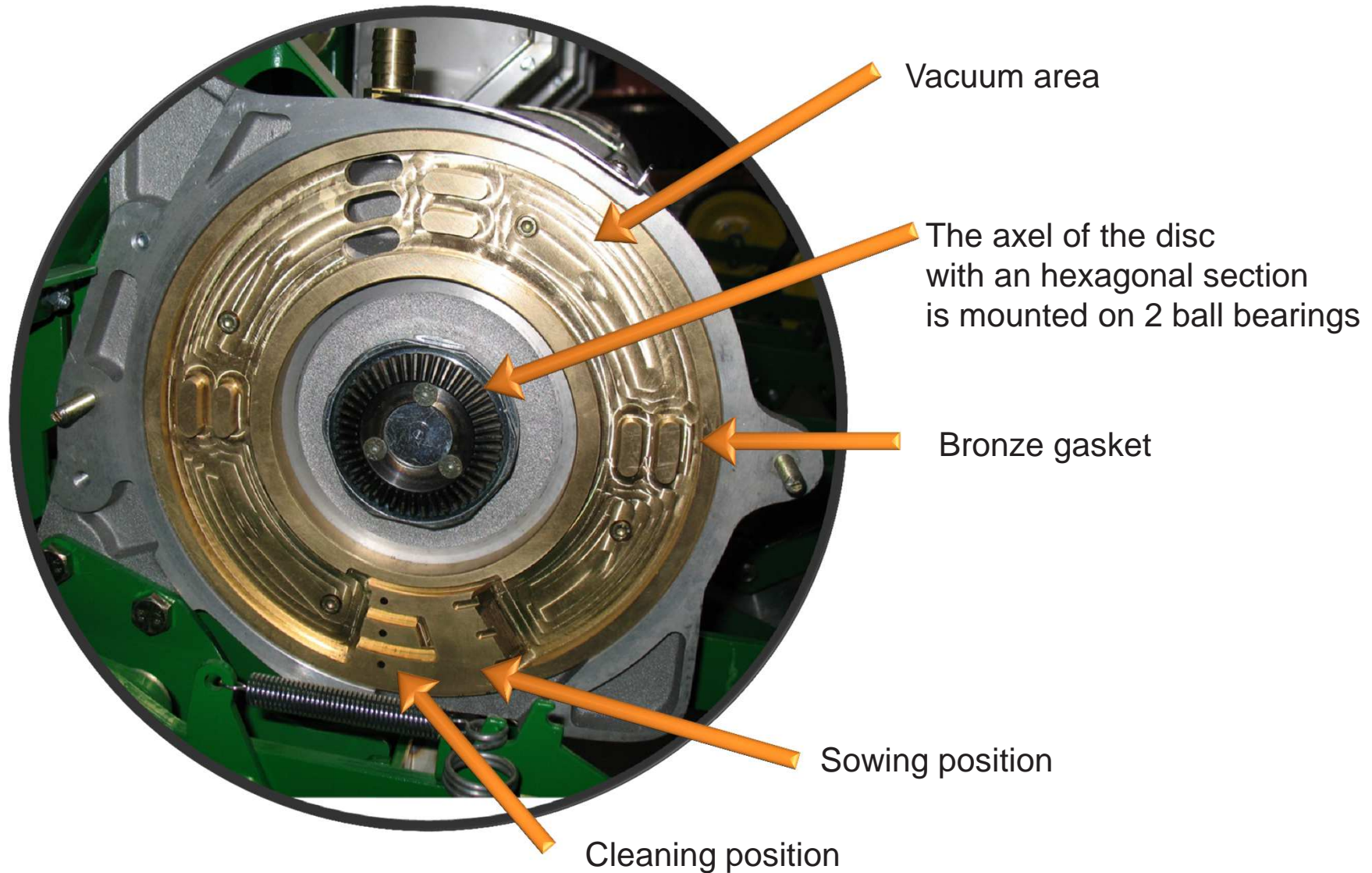
# Calibra Sowing Body



Calibra's heart is the sowing body. It has been built up on an aluminium base that makes it non-deformable, insensible to temperature variations, strong and light, always guaranteeing the same sowing precision even after many years. Very important characteristics are also the low levels of internal attrite and the very low maintenance required.



## Calibra Sowing Body – Vacuum side



## Calibra Sowing Body – Body side

Excentric bronze selector

The rounded shape teeth selector makes an easier and precise selection of the seed to avoid missing or double seeds



Seeds Agitator





## Calibra Sowing Body – Body side



Seeds detachment channels helps the seed to leave the sowing disc and fall down exactly in the time when the vacuum ends, and it guarantees perfect precision between seed distance

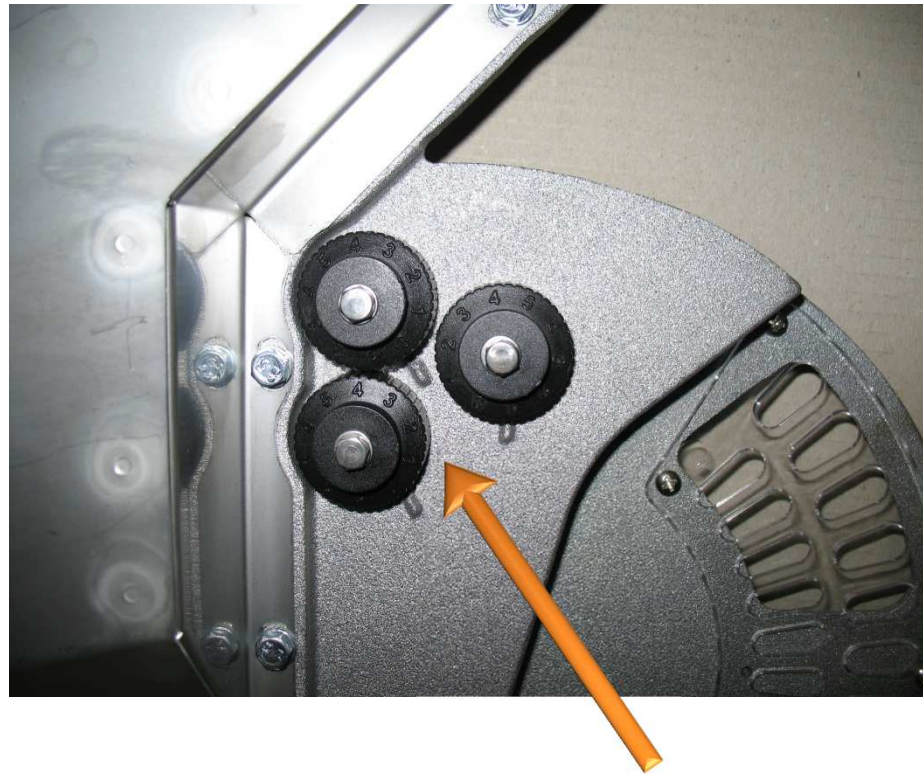


## Calibra Sowing Body – Body side



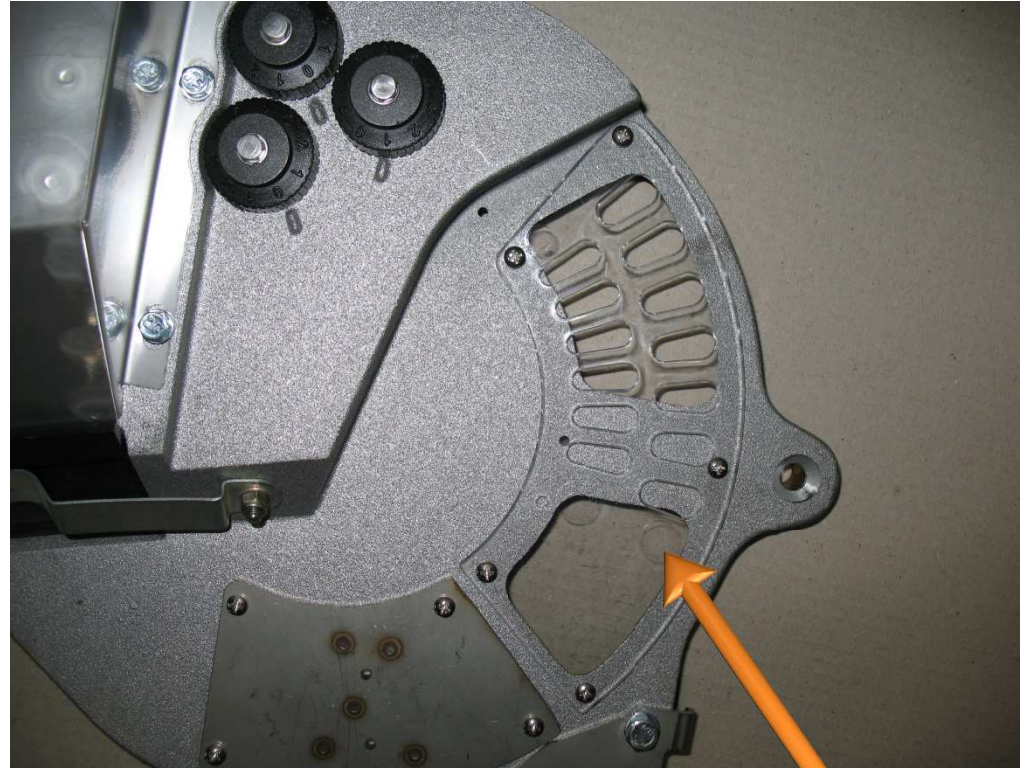
Teeth selector regulation lever

## Calibra Sowing Body – Body side



Excentric selectors  
regulation handles

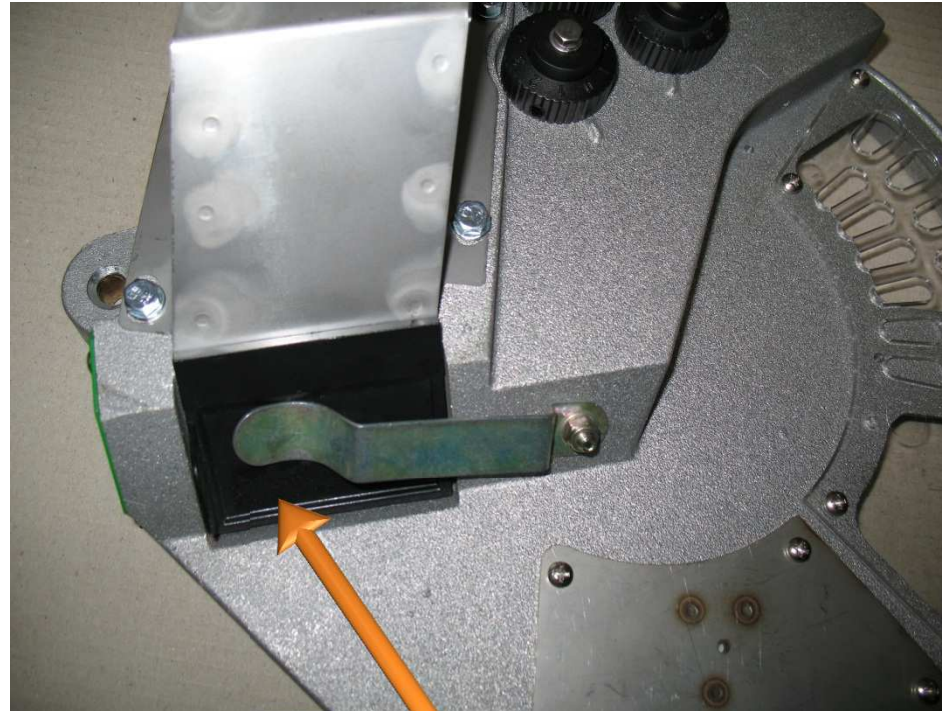
## Calibra Sowing Body – Body side



Transparent window

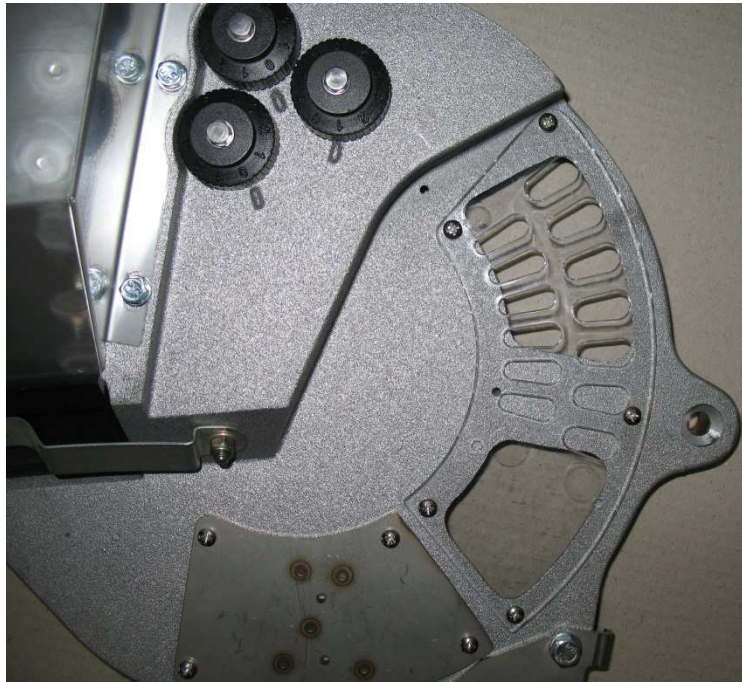


## Calibra Sowing Body – Body side



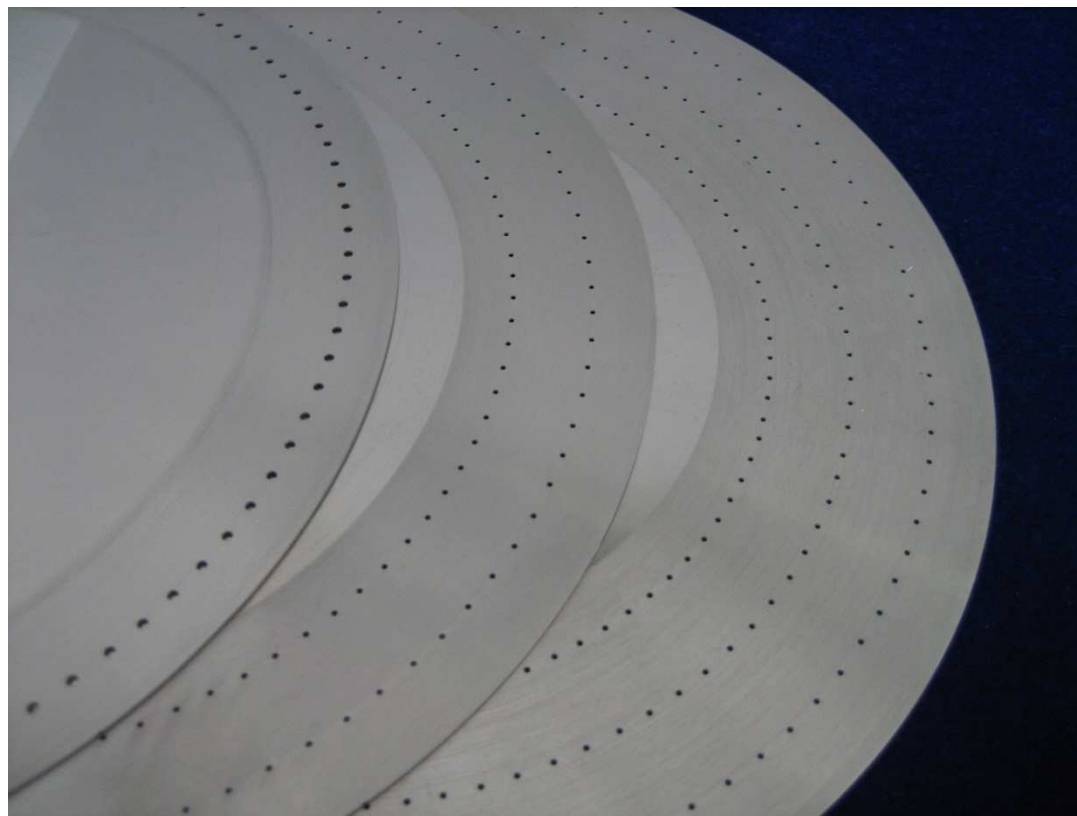
Total seeds emptying door

# Calibra Sowing Body



Very easy to check in every moment how the sowing body is working

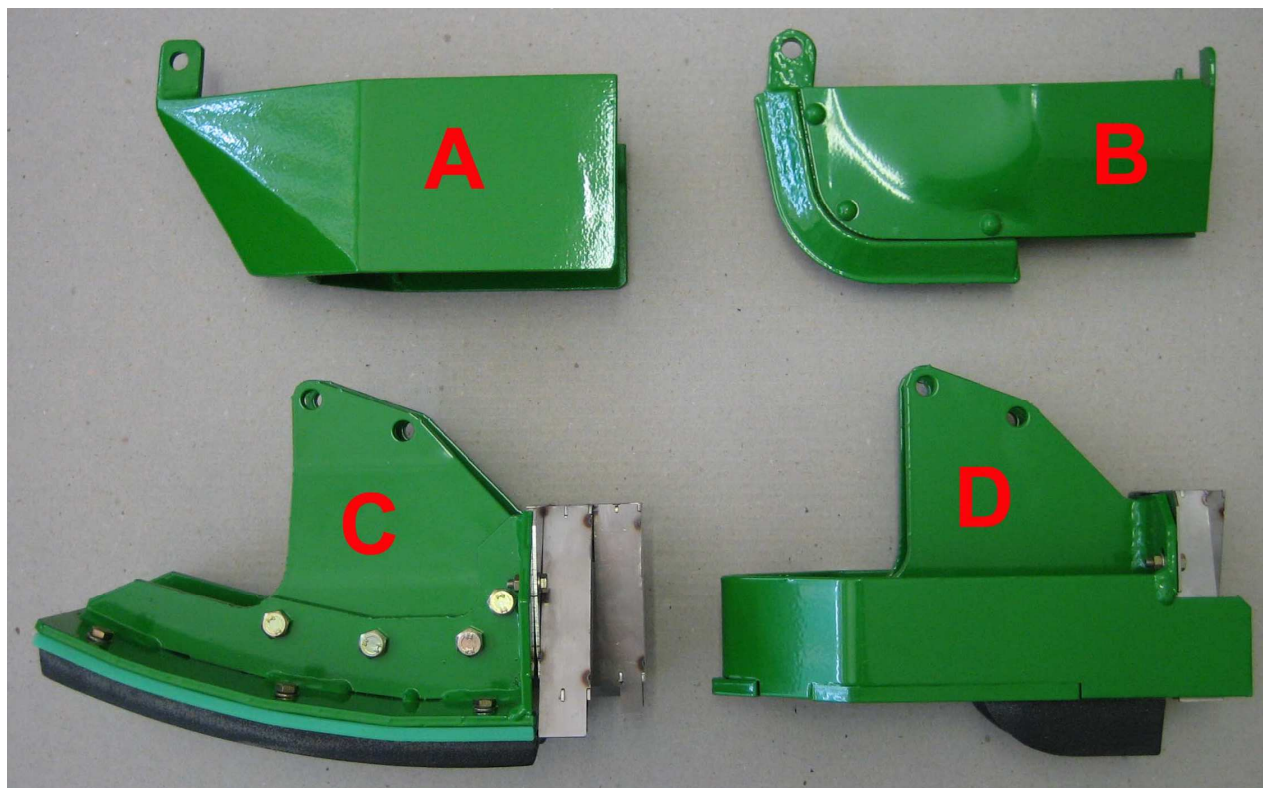
# Calibra Sowing Body



With Calibra Planter it's possible to do one, two or three rows per each unit!  
This is possible changing sowing discs and shoes.



## Calibra: Shoes



B: Standard single line shoe

A: Broadcast 5 cm shoe

C: Shoe for sandy soil (Twin 5, 7, 10 cm and Tris 3,5 and 5 cm)

D: Shoe for soil with stones (Twin 5, 7, 10 cm and Tris 3,5 and 5 cm)

## Calibra: Fans



Two fans: the big one for vacuum, and the little one for sowing discs hole's cleaning

## Calibra: Manifolds



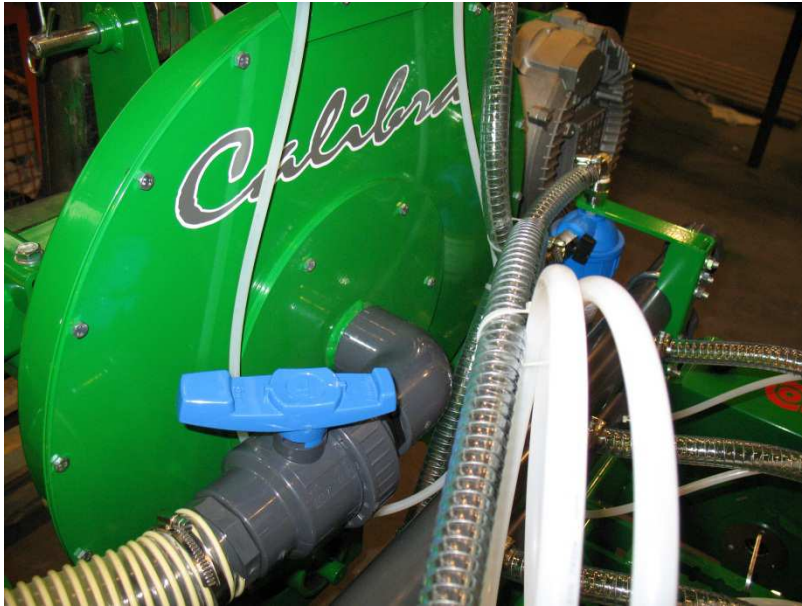
With the manifolds, the planter looks like better, there are less pipes = smaller risk that they break, same vacuum and pressure at the center and at the side units, and better and easier replacement of pipes if needed



# Calibra: Vacuum and Cleaning Pressure Gauges



# Calibra: vacuum and pressure regulations



Vacuum regulation

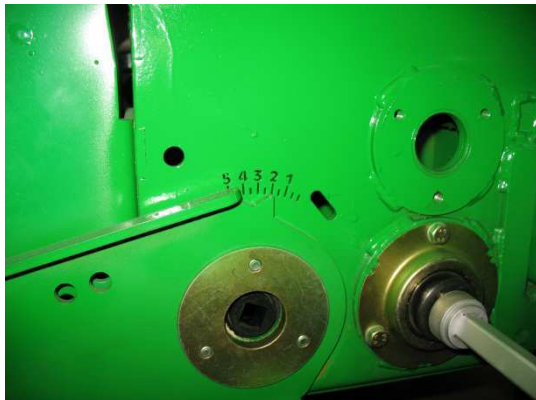


Cleaning pressure regulation

# Calibra: Tractor Wheels



Tractor wheels are in-height adjustable, and they have inside gear box





## Calibra options: Small pressing wheels



## Calibra options: Seed suction box



## Calibra options: Front Roller







## Calibra options: Microgranulator / Pesticide



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## Calibra options: Fertiliser

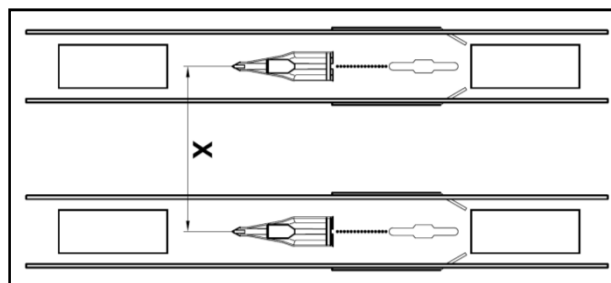


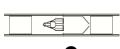
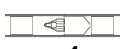
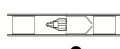
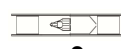
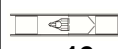
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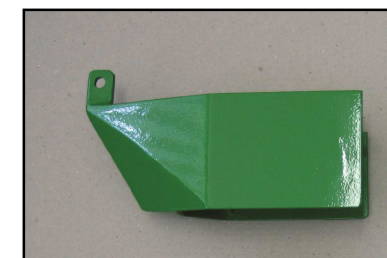
# Calibra: Single Line



		 x 2	 x 4	 x 6	 x 9	 x 12
Width	[m]	2,00	2,40		3,20	5,00
Lenght	[m]	1,8				
Minimal row distance - "X"	[cm]	20 / 25,5				
Seeds capacity	[l]	4,4	8,8	13,2	19,8	26,4
Min HP requested	[Hp - kW]	40 - 29	50 - 37	60 - 44	90 - 66	110 - 81



Single line shoe

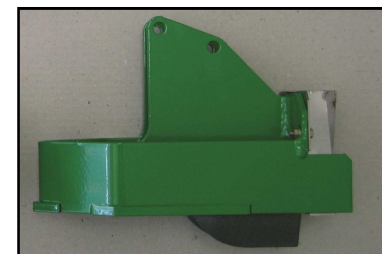


Broadcast shoe

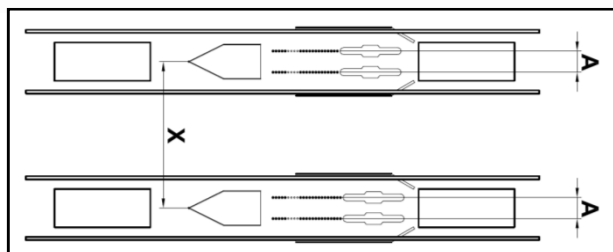
# Calibra: Twin

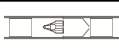
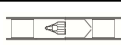
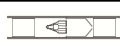
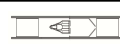
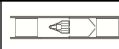


Twin line shoe for  
sandy soils



Twin line shoe for  
stony soils

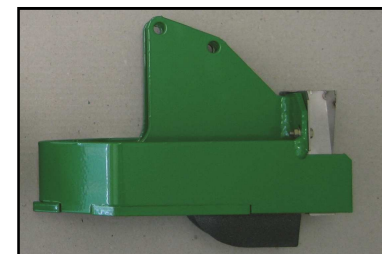


		 x 2	 x 4	 x 6	 x 9	 x 12
Width	[m]	2,00	2,40		3,20	5,00
Lenght	[m]	1,8				
Minimal row distance - “X”	[cm]	20 / 25,5				
Shoe Row distance - “A”	[cm]	5 - 7 - 10 - 12				
Seeds capacity	[l]	4,4	8,8	13,2	19,8	26,4
Min HP requested	[Hp - kW]	40 - 29	50 - 37	60 - 44	90 - 66	110 - 81

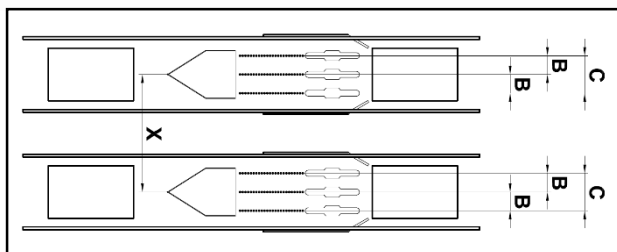
# Calibra: Tris



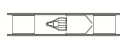

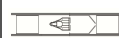


Tris line shoe for  
sandy soils



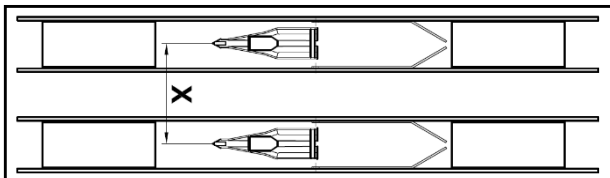
Tris line shoe for  
stony soils



		 x 2	 x 4	 x 6	 x 9	 x 12
Width	[m]	2,00	2,40		3,20	5,00
Lenght	[m]	1,8				
Minimal row distance - “X”	[cm]	20 / 25,5				
Shoe Row distance - “B”	[cm]	3,5 - 5 - 6				
Shoe Row distance - “C”	[cm]	5 - 7 - 10 - 12				
Seeds capacity	[l]	4,4	8,8	13,2	19,8	26,4
Min HP requested	[Hp - kW]	40 - 29	50 - 37	60 - 44	90 - 66	110 - 81



# Calibra: Slim



Single line shoe



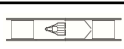
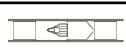
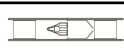
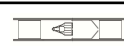
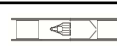
Broadcast shoe



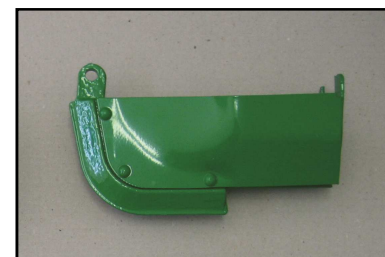
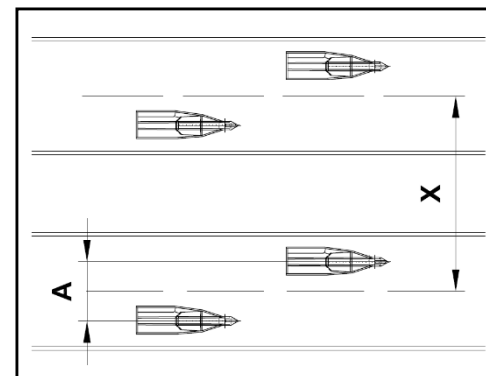
5 cm Twin line shoe  
for sandy soils



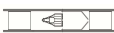

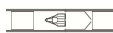
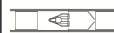
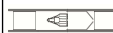
5 cm Twin line shoe  
for stony soils

		 x 2	 x 4	 x 6	 x 9	 x 12
Width	[m]	1,50	1,80	2,00	2,50	3,00
Lenght	[m]	1,8				
Min. row distance - "X"	[cm]	13				
Seeds capacity	[l]	2	4	6	9	12
Min HP requested	[Hp - kW]	40 - 29	50 - 37	60 - 44	90 - 66	110 - 81

# Calibra: Tandem



Single line shoe

		 <b>x 2</b>	 <b>x 4</b>	 <b>x 6</b>	 <b>x 9</b>	 <b>x 12</b>
Width	[m]	2,00	2,40		3,20	5,00
Lenght	[m]	2,3				
Minimal row distance - “X”	[cm]	25				
Shoe Row distance - “A”	[cm]	5 ÷ 11				
Seeds capacity	[l]	8,8	17,6	26,4	39,6	52,8
Min HP requested	[Hp - kW]	50 - 37	60 - 44	70 - 51	100 - 74	120 - 88