

MONOSEM

The precision Planter specialist



Multi-purpose pneumatic planters with shoe or double-discs

www.monosem.com

EN

A

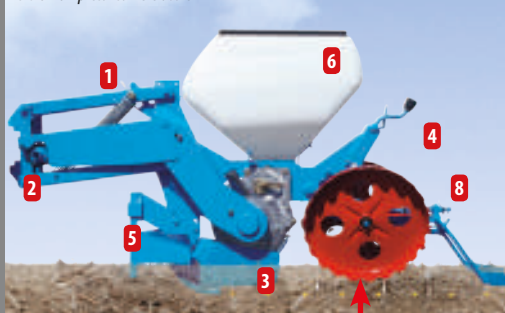
Three types of metering units



Planting with shoe

Depth control
with rear wheels

Version on picture: NC Classic V1



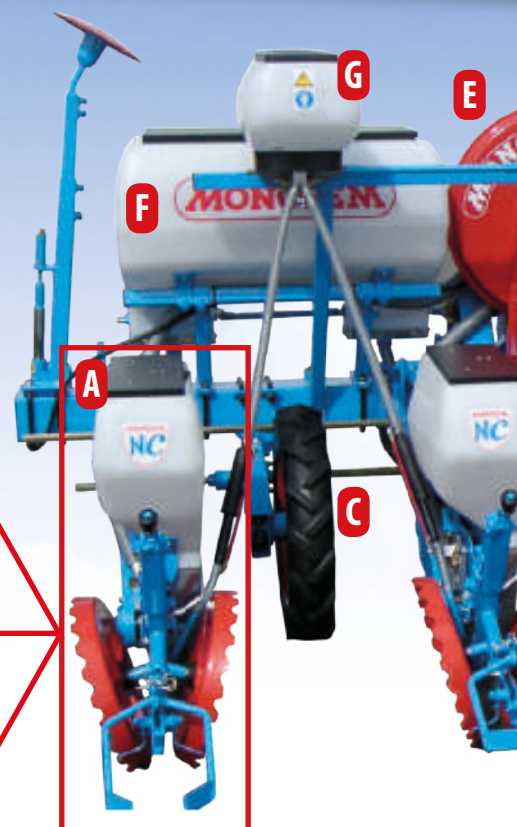
Depth control
with balancing system

Version on picture: NC Technic Sugarbeet



Depth control
with side gauge wheels

Version on picture: NG Plus 4 Maize



A wide range
of metering units

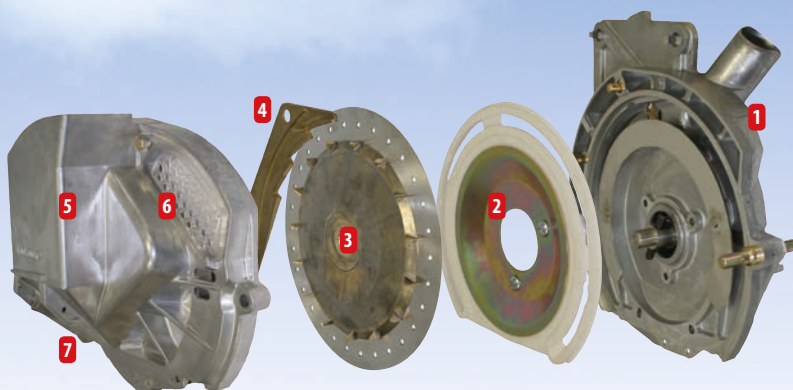
Range	NC Classic			NC Technic		NG Plus 4	
	NC Classic V1	NC Classic V2	NC Classic V3	Maize-Sunflower	Sugarbeet	Maize	Sugarbeet
1 Paralellogram with down pressure spring	● (Additional adjustable spring in option)			● (Additional adjustable spring in option)		● (Additional adjustable spring in option)	
2 Safety clutch	●			●		●	
3 Planting system	Shoe (Double-discs openers in option)			Shoe (Double-discs openers in option)		Discs	
4 Depth control	Rear wheels			Rear wheels (Balancing system in option)	Balancing system	Side gauge wheels	
5 Clod remover adjustable in height	●			●		● (Trash wheels in option)	
6 Plastic hopper	40 L			40 L	20 L	52 L	16 L
7 Intermediate press wheel with adjustable pressure	-			-	●	○	●
8 Rear wheels	Steel V-wheels	370x170 Farmflex	500x175 Farmflex	2" press wheels		2" press wheels	

● : Standard equipment ○ : On option - : Not possible

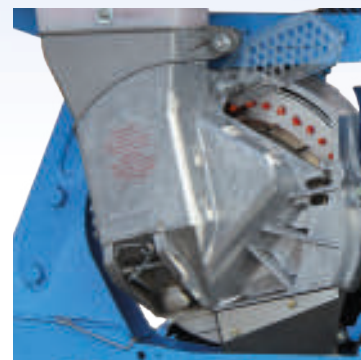
MONOSEM

B

The distribution



- 1 Cast aluminium metering box
- 2 Wear gasket
- 3 Disc
- 4 Scrapper
- 5 Cover
- 6 Control window
- 7 Total emptying



**An accurate,
simple and
extremely reliable
distribution system**

Diameter of holes	Types of seeds (example)
6,5 mm	Peanuts
6 mm	Field bean
5 mm	Corn
4,5 mm	Beans, soya, peas
3,5 mm	Beans
2,5 mm	Sunflower
2,2 mm	Sorghum
2 mm	Sugarbeet
1,2 mm	Rapeseed, cabbage, pelleted carrot

C

Drive wheels

On the MONOSEM planters, all the wheels drive the seed discs. This system ensures a smooth drive and thus a better planting precision. All the wheel units are equipped with a slip clutch.

D

Metering box

The seed spacing gearbox has 18 ratios for a precise adjustment of the population.

E

Turbofan

The MONOSEM turbofans ensure a regular vacuum for optimal operation of the metering.

F

Fertilizer (option)



With MONOSEM you can choose the fertilizing system the best suited to your planting conditions. Two types of units are offered for fertilizing:

- with tines
- with double discs

G

Microgranulators (option)

Whether for insecticide or helicide, the Microsem system with auger ensures a regular metering of microgranules. Its simple design enables an easy and reliable use. The insecticide Microsem drop tube is placed behind the shoe or between the double-discs for application on the planting line.

TECHNICAL FEATURES



Number of rows		1	2	3	4
Width frame		From 2 m 00			
Inter-row spacings (cm)	NC Classic	From 25 cm (with NC Classic V2)			
	NC Technic	From 25 cm (with narrow rear press wheels)			
	NG Plus 4	From 37,5 cm (25 cm with off-set metering unit)			
Turbofan		Drive by PTO – 450, 540 or 1000 rpm			
Wheel units		2 wheel units (ajustable in height in option) - Tyres 500x15 or 6,5x80x15			
Fertilizer		○ 1 x 85 L	○ 1 x 175 L	○ 1 x 175 L + 1 x 85 L	○ 2 x 175 L
Microgranulators		○	○	○	○
Hectare counter		○	○	○	○
Seed monitors		○	○	○	○
Weight planter (without fertilizer)	NC	From 300 kg	From 400 kg	From 500 kg	From 600 kg
	NG Plus 4	From 325 kg	From 450 kg	From 575 kg	From 700 kg
Tractor power		From 25-30 HP	From 35-40 HP	From 45-50 HP	From 60-65 HP



○ : On option
For other models and other crops, please consult us.

Re-sale value

The re-sale value gives a good indication of the quality of a product and its suitability to the market. So when you decide to sell your MONOSEM planter, you will appreciate its high re-sale value.

MONOSEM quality

The quality has always been a main concern of MONOSEM. This is why when manufacturing the greatest care is taken in the quality control of the products.

Advice

The MONOSEM partners are specialists qualified to inform you on planting and help you out with solid advice.

The experience

Throughout the world, quality and reliability are often associated with MONOSEM. This is the result of a certain know-how gained in over 60 years of experience in agriculture.

Spare parts

Our spare parts department have available a large stock of original spares and accessories. So even after several years you will be sure to find the parts you require at your MONOSEM partners.



Multi-purpose pneumatic Monoshox® NG Plus M planter with discs



Multi-purpose pneumatic NG Plus 4 planter with discs



Special pneumatic « low-till » planter Monoshox® NX M with discs



Multi-purpose pneumatic planter with NC shoes



Special vegetable planter for mini-seeds MS



Mechanical planter for pelleted sugarbeet MECA V4



Cultivator



The precision Planter specialist

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