



# BED SHAPING – FOIL LAYING MACHINE

BEFO





# WHAT IS BEFO?

**BEFO** is machine that simultaneously forms bed by gathering previously prepared (grained) soil and lay plastic, biodegradable or cellulosic foil at the same time.



# HOW DOES BEFO WORKS?

**Front shares of the bed forming section gather properly prepared, loose, soil and forms the bed, lateral shares gathers soil and central shares fills the middle of bed**

**Soil containment sides of the bed forming section set up soil gathered by the front shares**

**Pressing roller of the bed forming section compact soil and forms top of the bed**



## HOW DOES BEFO WORKS?

**Front ridger of the foil laying section digs canal in which edges of foil is placed**

**Film pressing wheel of the foil laying section stretch, position and presses foil in previously digged canals**

**Back ridger of the foil laying section put the soil on edges of foil**

# BENEFITS OF USING



- **Easy handling**
- **Robust construction**
- **Trusted functionality**
- **High performance**
- **Reduces costs**
- **High level of personalisation**



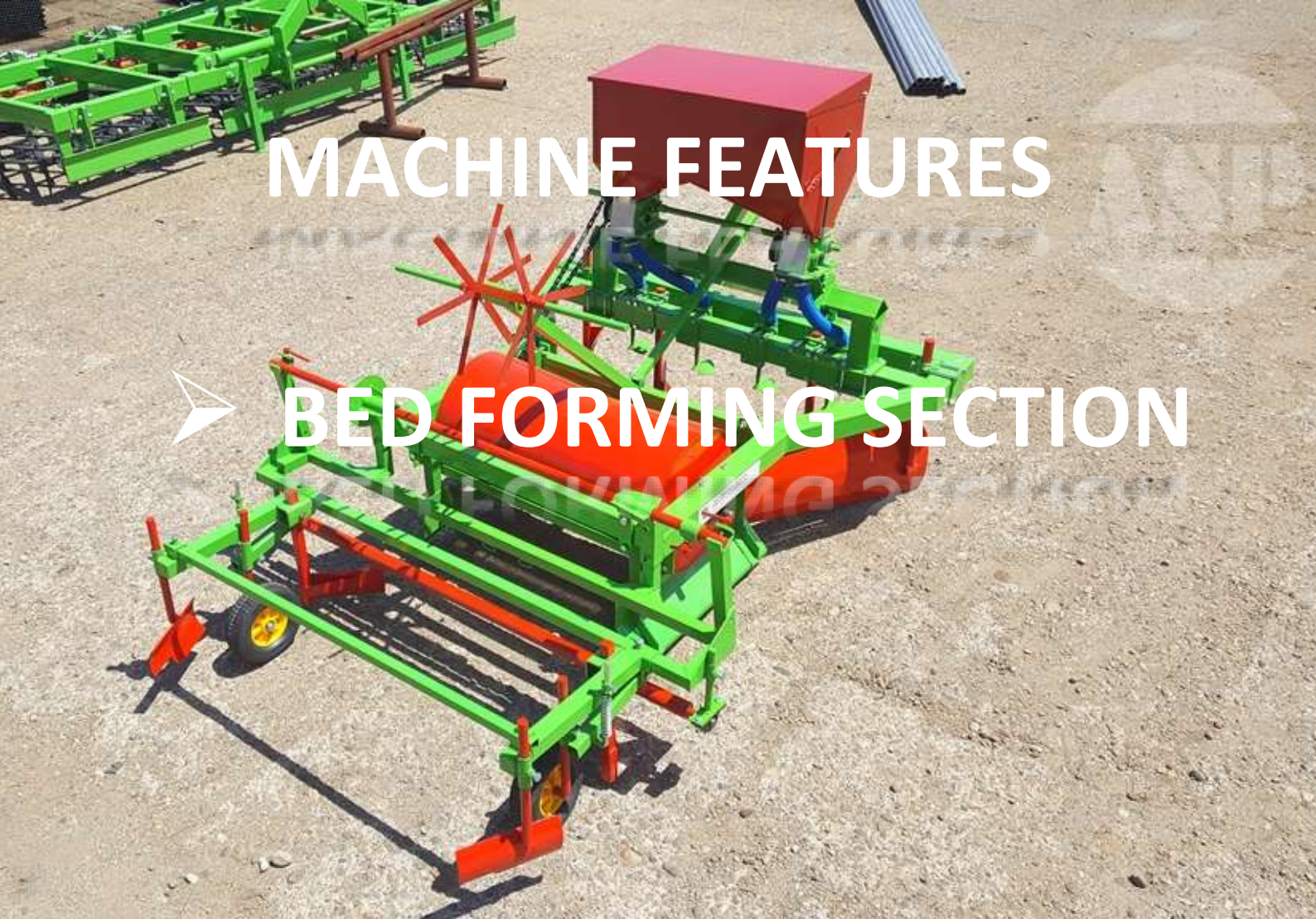
# MACHINE FEATURES

## ➤ BED FORMING SECTION

- Fits machines with Cat 1 and 2, 3-Point hoop-up
  - Adjustable working width
  - Several options regarding height of the bed
- Possibility of performing only bed forming operations  
(without laying foil)
- Possibility of choice between 2 different types of roller,  
with additional option of each type of roller to be fillable

# MACHINE FEATURES

## ➤ BED FORMING SECTION



**Pressing roller of the bed forming section is element of the machine that forms top of the bed and compacts soil.**

**Following types of rollers are available:**

- 1. Cylindrical roller – creates flat top of the bed. Beds with such top are ideal in greenhouse production.**
- 2. V-shaped roller – creates top of the bed that is elevated in the middle and slightly decreases to the edges of the bed (top of the bed has concave shape). Such shape of the top of the bed (after foil is laid) prevents holding up of rainwater and because of that it is ideal for outdoor production.**

# MACHINE FEATURES

## ➤ FOIL LAYING SECTION

- Removable and adaptable foil carrier that can receive foil
- Built-in mechanism that prevents unwanted unrolling of the foil





# BEFO MACHINE MODELS

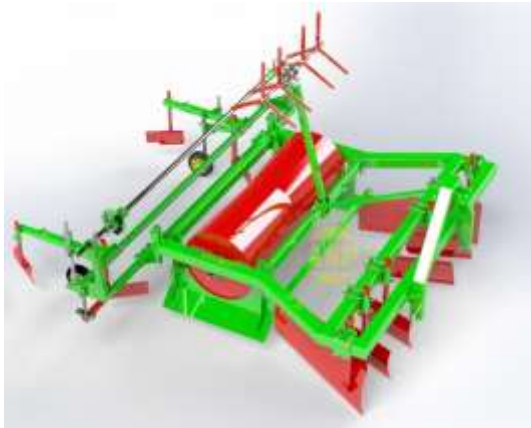
Bed shaping – foil laying machine BSM19015



Bed shaping – foil laying machine BSM19030



Bed shaping – foil laying machine BSM12015





# **BEFO MACHINE MODELS**

## **- PURPOSES**

**Models of machines are derived according to the size of bed that each version of machine can create**

**Intended (suggested) purpose of models:**

- 1. BSML9015 - intended for single season plants**
- 2. BSML9030 - intended for multi seasonal plants (e.g. strawberries)**
- 3. BSML12015 - intended for plants that have smaller upper (vegetative) part of the plant, where there is possibility of planting plants on bed in more than 2 rows**



# MODEL BSML9015

	<b>BSMLCR9015</b>	<b>BSMLVR9015</b>
<b>Width (mm)</b>	<b>1800</b>	
<b>Length (mm)</b>	<b>2600</b>	
<b>Height (mm)</b>	<b>1150</b>	
<b>Bed width (mm)</b>	<b>450 - 900</b>	
<b>Bed height (max mm)</b>	<b>150</b>	
<b>Demanded power (min KS)</b>	<b>50 - 90</b>	
<b>Roller shape</b>	<b>cylindrical</b>	<b>V-shaped</b>
<b>Additional roller options</b>	<b>non-fillable / fillable</b>	
<b>Foil laying width (max mm)</b>	<b>1400</b>	



# MODEL BSML9030

	BSMLCR9030	BSMLVR9030
Width (mm)	1800	
Length (mm)	2600	
Height (mm)	1350	
Bed width (mm)	450 - 900	
Bed height (max mm)	300	
Demanded power (min KS)	75 - 90	
Roller shape	cylindrical	V-shaped
Additional roller options	non-fillable / fillable	
Foil laying width (max mm)	1400 / 1900	



	<b>BSMLCR12015</b>	<b>BSMLVR12015</b>
<b>Width (mm)</b>	<b>2150</b>	
<b>Length (mm)</b>	<b>2600</b>	
<b>Height (mm)</b>	<b>1350</b>	
<b>Bed width (mm)</b>	<b>450 - 1200</b>	
<b>Bed height (max mm)</b>	<b>150</b>	
<b>Demanded power (min KS)</b>	<b>90 &lt;</b>	
<b>Roller shape</b>	<b>cylindrical</b>	<b>V-shaped</b>
<b>Additional roller options</b>	<b>non-fillable / fillable</b>	
<b>Foil laying width (max mm)</b>	<b>1900</b>	



**ADDITIONAL EQUIPMENT –  
ON GROUND IRRIGATION (DRIP)**

**HOSE LAYING SET**

**Allows laying up to 2 irrigation drip hose on ground (on previously formed bed) while foil is being laid.**

**By using this set irrigation (drip) hose is placed between soil and foil that is being laid.**



# ADDITIONAL EQUIPMENT –

## IN GROUND IRRIGATION (DRIP)

### HOSE LAYING SET

**Allows laying irrigation drip hose in ground (in bed) while bed is being formed.**

**By using this set irrigation (drip) hose is placed in soil in max. depth of 8 cm.**



# ADDITIONAL EQUIPMENT – FERTILIZER ATTACHMENT

**Allows fertilisation of soil while bed is being created, meaning fertilizer is dropt on soil and buried during bed forming operations.**

**There are 3 available hopper versions:**

- 1. Galvanized steel hopper**
- 2. Stainless steel hopper**
- 3. Plastic hopper**





# FERTILIZER ATTACHMENT – GALVANIZED STEEL HOPPER

**Hopper is made of galvanized steel that is additionally painted to expand its durability and exploitation lifetime.**

**Dispersing is propelled mechanically.**

**Spreading quantity regulated mechanically by combination of setups on mechanical regulator (handle) and tractor moving speed.**



**FERTILIZER ATTACHMENT –**

**STAINLESS STEEL HOPPER**

**Hopper is made of stainless steel.**

**Dispersing is propelled by electromotor.**

**Spreading quantity regulated by combination of setups on electric cabin control unit, mechanical regulator and tractor moving speed.**



# FERTILIZER ATTACHMENT – PLASTIC HOPPER

**Hopper is made of plastic which allows expanding its durability and exploitation lifetime.**

**Dispersing is propelled mechanically.**

**Spreading quantity regulated mechanically by combination of setups on mechanical regulator (handle) and tractor moving speed.**



# ADDITIONAL EQUIPMENT –

## SUPPORT WHEELS



**Metal wheels made of high-quality steel**

**Placed on sides of the machine frame.**

**Primary function is allowing additional regulation of working depth of machine by offloading working pressure of hydraulics.**



**ADDITIONAL EQUIPMENT –  
MARK PLOUGHS**

**Main task of the mark ploughs is to be visible to the operator on tractor easing marking of operating line of functions performed by machine.**

**Zink coated/galvanized**

**Foldable, with adaptive position of the plough (marker).**



# **ADDITIONAL EQUIPMENT – PUNCH WHEEL SYSTEM**

**Main purpose is to punch holes on the layed foil in which plans will be transplanted.**

**Zink coated/galvanized**

**Depending of customer needs, system can contain 1 wheel (punching holes in 1 row), 2 wheels (punching holes in 2 rows) or even 3 wheels (punching holes in 3 rows).**



**ADDITIONAL EQUIPMENT –**  
**3-POINT CONNECTOR FOR FOIL**  
**LAYING SECTION**

**Intended for direct connection of foil laying section to the tractor.**

**Allows only foil laying operations to be performed.**

**There are several options of connectors available:**

- **Tractor connector without roller**
- **Tractor connector with roller**
- **Tractor connector with rubber wheels**

- **Manufactured in Croatia**
- **Machine is of European origin**



Klik ili scan za pregled





If you have any interest of purchasing this machine of ours,  
be free to contact us.

Sincerely yours Agroservis - proizvodnja d.o.o. team

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