



**AGROSERVIS
PROIZVODNJA**
d.o.o. • VIROVITICA

20 godina kvalitete



20 yrs of quality

BED FORMING AND FOIL LAYING MACHINES



Agroservis - proizvodnja d.o.o.
Stjepana Radića 136
33000 Virovitica
Hrvatska - Croatia

OIB / VAT: 35421999908
IBAN (Zagrebačka banka): HR6523600001101211391
SWIFT ZABA HR 2X
IBAN (Erste&Steiermarkische banka): HR0924020061100715514

MB: 010027278

Konto NR 7001-1226096

tel - fax: 00385 33 730 240

agroservis.proizvodnja@vt.t-com.hr
agroservisproizvodnja.vt@gmail.com
www.agroservis-proizvodnja.eu





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Purpose:

- ❖ Forming bed of soil where the plants will be planted
- ❖ Laying foil



By planting on well formed bed, farmers gain better economy and better quality of the product. Planting on foil allows intensive growth and development of plants, which results with earlier harvest time, balanced soil humidity, enables weed control, reduces soil compaction and prevents forming of surface crust on soil. Agroservis – proizvodnja d.o.o. company developed several machines for easy and rapid bed formation, as well as for laying foil on previously created bed, or without bed (on flat ground).

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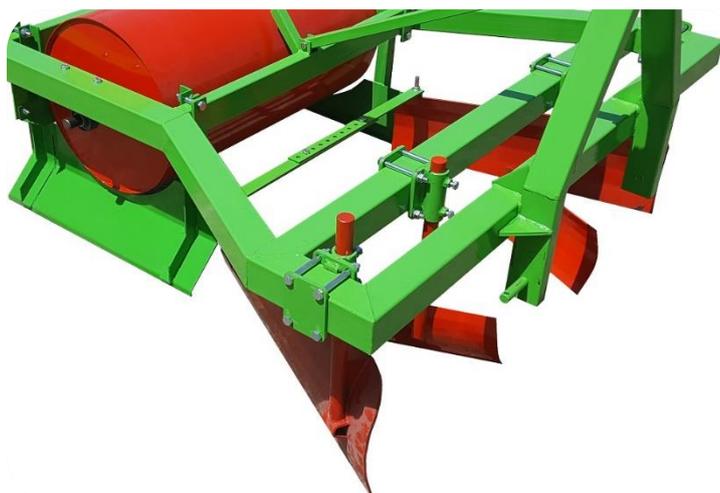
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Main advantages of machines:

- saves time
- increases quality and quantity of yield
- reduces costs
- high level of personalisation

Machines properties:

- easy handling
- trusted functionality
- high performance



One of main properties our machines for bed making (forming) and/or foil laying is easy handling. This machines are designed so they can operate from the moment they are connected (via 3-point system) with the tractor, and they perform optimally regarding quality of a bed being formed (for the bed forming machines) and foil being layed (for the foil laying machines). Setting up operations, if necessary, are simple and easy and it doesn't take long to perform. Because of all things mentioned above, we could describe this machines as machines that saves farmers valuable time. To gain optimal quality of work, it is necessary to properly prepare soil. By forming of the bed and planting on it, farmers gain better economy and better quality of product. Planting of the plants on plastic, biodegradable or cellulose foil results with better conditions for growth and development of the plants, whether foil is bein layed on bare ground, or previously created bed. That means that usage of this machines directly affects on increase of yield quality and quantity. Usage of this machines reduces an external influence on plant itself in form of reduced soil compaction, balanced soil humidity, enabled weed control and reduced surface crust forming level. It reduces need for performing other argo-technical measures and operations so we can say that this machine reduces costs of plant cultivation. To meet all of customers needs we developed additional equipment that can be mounted on bed making (forming) and/or foil laying machines so company currently have over 1500 different versions of this machine which allows high level of personalisation of machines according to buyers need and preferences.

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BED FORMING (MAKING) AND/OR FOIL LAYING MACHINES

Machines that forms (make) bed and/or lay foil which are part of production program of Agroservis proizvodnja company are: Bed shaping (making) machine, Mulch foil laying machine and Bed shaping mulch foil laying machine.

Bed shaping (making) machine

Purpose:

- forming of bed

Basic properties of machine:

- 2 types of roller
- 3 sizes of bed formed

Working principle:

- Shares gather soil
- Containment sides set up soil
- Roller compact soil



We can currently offer:
462 serial versions of this machine

Mulch foil laying machine

Purpose:

- laying of foil

Basic properties of machine:

- 2 foil dimensions
- 2 different supporting elements

Working principle:

- Roller compact soil
- Ridger digs canal
- Wheel positions foil
- Back ridger bury foil



We can currently offer:
126 serial versions of this machine

Bed shaping mulch foil laying machine

Purpose:

- forming of bed
- laying of foil

Basic properties of machine:

- 2 types of roller
- 3 sizes of bed formed
- 2 foil dimensions

Working principle:

- Shares gather soil
- Containment sides set up soil
- Roller compact soil
- Ridger digs canal
- Wheel positions foil
- Back ridger bury foil



We can currently offer:
1320 serial versions of this machine



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20 yrs of quality

Bed shaping (making) machine is the machine that form bed in which the plants will be planted by gathering previously prepared (grained) soil. During that proces of bed forming shares gather loose soil and form the bed, soil containment sides set up soul gathered by the shares, and the pressing roller compact soil and forms top of the bed. To our buyers we currently can offer machinet that forms bed max width of 900 mm and max height of 200 mm, bed max width of 900 mm and max height of 400 mm or bed max width of 1200 mm and max height of 150 mm. There is also possibility of choice between 2 different types of roller: cylindrical roller, that creates flat top of the bed or V shaped roller that 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).



Regarding additional equipment available for this machine, there are: fertilize attachment, support wheel, mark ploughs and in ground irrigation hose implanting set. Fertilize attachment allows fertilisation of soil by inserting mineral granulated, fertiliser in ground while bed is being created (formed). Support wheels offload the back tractor hydraulic and additionally regulate working depth of the machine. Mark ploughs task is to be visible to the operator on tractor easening marking of operating line of functions performed by machine. In ground irrigation hose implanting set has main purpose to lay drip hose in bed, on up to 8 cm of depth, during its forming (creation).



Fertilize attachment



Support wheel



Mark plough



In ground irrigation hose implanting set

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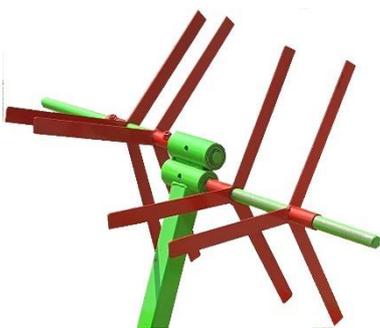


20 yrs of quality

Mulch foil layer machine is machine that lay plastic, biodegradable or cellulosic foil on bare ground (previously properly prepared) or on previously made bed. The foil laying proces is being performed by unwinding foil from its holder and burying it in canals created by ridgers. Machine itself has implemented the anti-reel-of mechanism. Adjustable spool holder which can hold foil max. width up to 1400 mm, or foil max. width up to 1900 mm, meaning that machine can lay foil maximal width up to 1400 mm or maximal width up to 1900 mm. Buyer can choose between 2 different supporting elements that carry weight of machine and help additionally regulate working depth of the machine: version with roller, where roller presents that supporting element that carry weight of machine and additionally shapes surface on which foil is being layed (available only with version that lays foil up to 1400 mm of width), and version with rubber wheels where th,e wheels are those elements that carry weight of machine and help additionally regulate working depth of the machine



Regarding additional equipment available for this machine, there are: on ground irrigarion hoses laying set, fertilize attachment, mark ploughs and punch wheel system. On ground irrigarion hoses laying set allows laying up to 2 irrigation hoses on ground, between soil and foil. Fertilize attachment allows fertilisation of soil by inserting mineral granulated, fertiliser on ground while foil is being layed. Mark ploughs task is to be visible to the operator on tractor easening marking of operating line of functions performed by machine. Punch wheel system main purpose is to punch holes on the layed foil in which plans will be transplanted, system can contain 1, 2 or even 3 wheels, depending of customer needs.



On ground irrigation hose implanting set



Punch wheel system



Fertilize attachment



Mark plough

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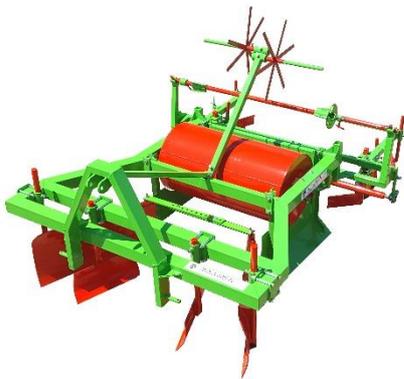
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Bed shaping (making) mulch foil laying machine is machine, that simultaneously form bed and lay foil on it. Machine itself is kind of hybrid between two previously mentioned machines (Bed shaping machine and Mulch foil laying machine). Same as the Bed shaping machine this machine also gathers previously prepared (grained) soil and forms bed, and also has the same options regarding bed sizes and roller options. Foil laying section of this machine, the same as the Mulch foil laying machine, unwinds foil from its holder and bury it in canals created by machines ridgers and machine also has possibility of laying foil maximal width up to 1400 mm or maximal width up to 1900 mm and anti reel of mechanism.



Regarding additional equipment available for this machine, there are: fertilize attachment, support wheel, mark ploughs and in ground irrigation hose implanting set, on ground irrigation hoses laying set and punch wheel system. Fertilize attachment allows fertilisation of soil by inserting mineral granulated, fertiliser in ground while bed is being created (formed). Support wheels offload the back tractor hydraulic and additionally regulate working depth of the machine. Mark ploughs task is to be visible to the operator on tractor easing marking of operating line of functions performed by machine. In ground irrigation hose implanting set has main purpose to lay drip hose in bed, on up to 8 cm of depth, during its forming (creation). On ground irrigation hoses laying set allows laying up to 2 irrigation hoses on ground, between soil and foil. Punch wheel system main purpose is to punch holes on the layed foil in which plans will be transplanted, system can contain 1, 2 or even 3 wheels, depending of customer needs.



Fertilize attachment



Support wheel



Mark plough



In ground irrigation hose implanting set



On ground irrigation hose implanting set



Punch wheel system

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- Manufactured in Croatia
- Machines are of European origin



Klik or scan for preview.

This machine is produced in Croatia, and it is of Croatian and European origin and it comply with wide range of sale nad post-sale criterias and obligations that are we , as manufacturer (and also as seller) willing and obligated to comply. Care of product quality is basic postulate of ours, and most definite proof of that quality are implemented marks of product marking (CE mark) and implemented quality management system compliant with EN ISO 9001:2015. 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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