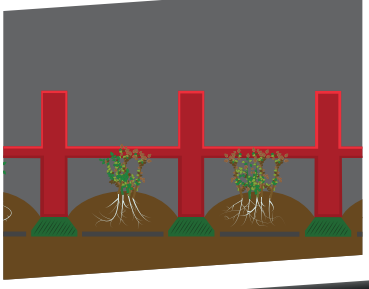
SPUDNIK
HARVESTING SUCCESS!

OPTIONS

Planting Options

Harvesting Options



Storing Options

Separation Systems

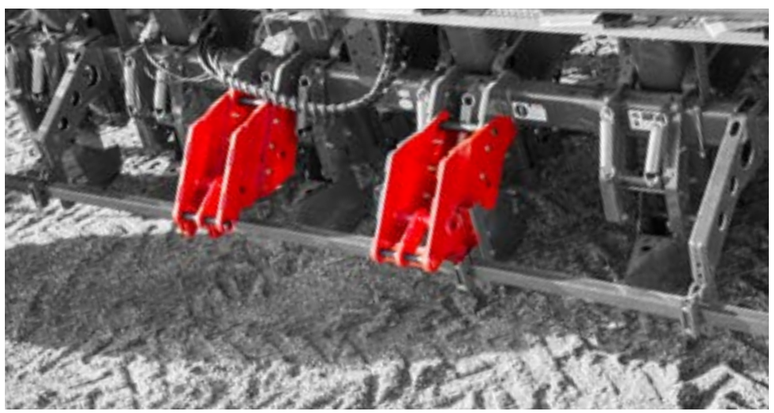
Planting Options

Drawbar Options

Pull Type

2-Point

Semi-Mount



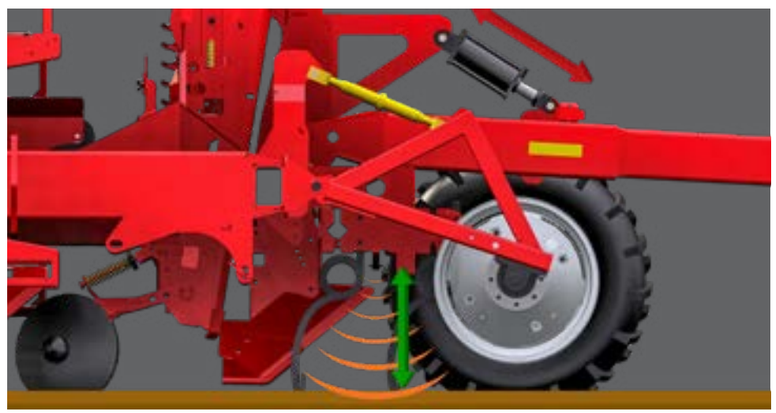
Depth Control

Front Wheels

The planting depth can be set with the front wheels. A simple turnbuckle is used to adjust the height of the planting shoe when the machine is lowered down.

Gauge Wheels

Every pair of planting shoes has an individual Gauge Wheel attached that runs in between the rows. The Gauge Wheel ensures a more consistent planting depth.



Sensor

Two sensors measure the depth of the machine to either side of the front toolbar, adjusting the lift cylinder to maintain the set depth.

Toolbars

Front Toolbar

An optional front toolbar can be installed. It can be equipped with a variety of different shanks to loosen the soil.

Rear Toolbar

An optional rear toolbar can be installed behind the covering disks. It can be equipped with a variety of different shanks to loosen the soil.

Trailed Toolbar

An optional trailed toolbar can be installed. It is lifted hydraulically and can be equipped with a variety of different shanks to loosen the soil.

Shanks and Tines

S-Tines

Coil Shank

Heavy duty shank.

True Depth

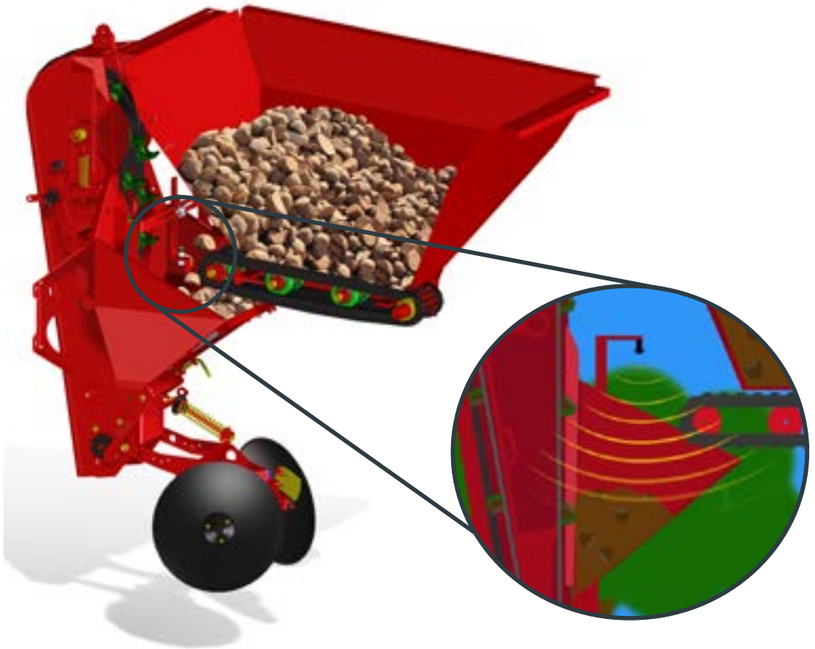
Can be mounted on the trailed toolbar only. Deep ripping to break up tire tracks and reduce soil compaction.

Row Unit

Precision planting starts here.

The heart of the planter is the row unit, coupled with the feed chain.

Adjustable sensor allows adjustment of the seed bowl level. The feed chain helps prevent bridging and ensure optimum seed bowl level for singulation.

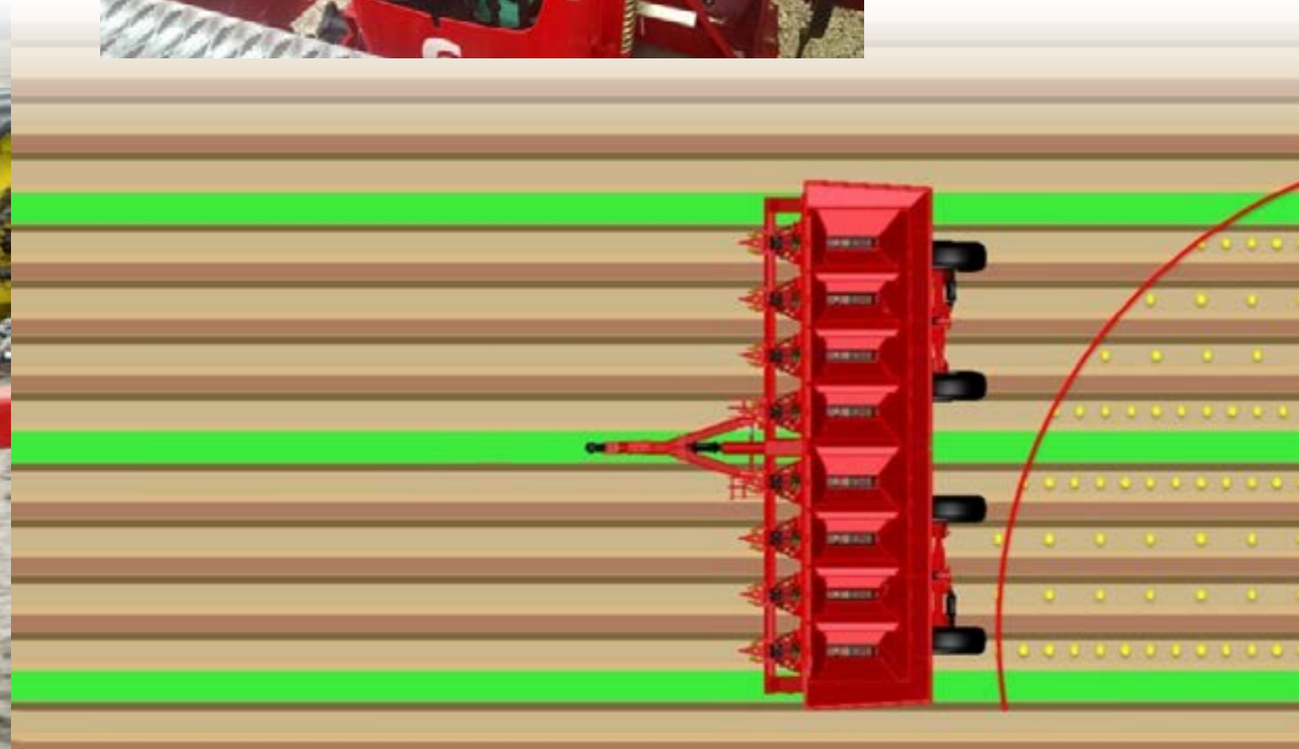


Row Unit Drive

The Row Units of the planter are driven combined or individual.

(1) The **Combined** drive is standard. All row units are driven together by one motor. Row units can be shut off manually

(2) Optionally, **individual hydraulic** drives can be installed. This allows the operator to control seed spacing and planting location by row. (see below).



Seed Bowl Inserts

The seed bowl of the row unit can be equipped with two different layers.

(1) **UHMW inserts** can be installed to limit seed bridging, due to wet or treated seed in the bowl. It steepens seed bowls and adds a slippery surface. Recommended for fresh cut or sticky seed.

(2) **Corner inserts** decrease dead space inside of seed bowl and helps direct seed towards the cup. The option also allows for seed bowl pan shakers to still function.

Cups and Inserts

Red Cup

for seed up to **2 oz (30 to 50 mm)**

Red Cup with Blue Insert

for seed up to **1.5 oz (under 30 mm)**

Green Cup

for seed from **2.2 to 2.8 oz (over 50mm)**

Green Cup with White Insert

for seed up to **1.5 oz (under 30 mm)**

Blue Cup

for seed larger than **2.8 oz (over 60 mm)**

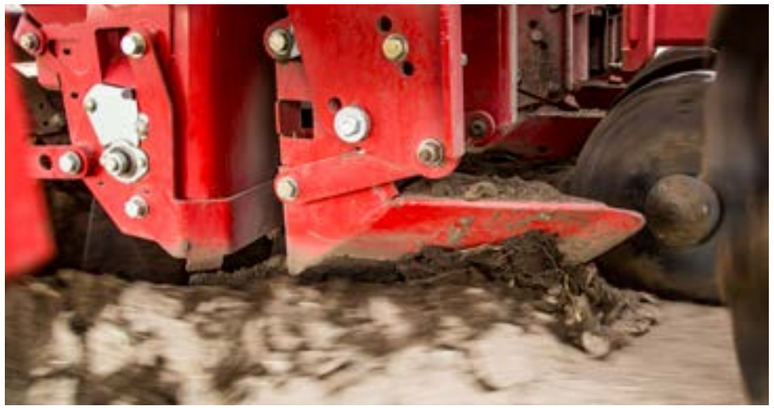
Green Cup with Black Insert

for seed up to **2 oz (under 45 mm)**

Planting Shoe

Shoe

The planter shoe is designed to open the furrow, then quickly allow the soil to flow around and capture the seed piece, avoiding rolling and improving seed placement. The shoe floats up and down, as needed, adjusting to terrain changes, independent of the row unit, for consistent seed depth.



Covering Disc:
Straight

18" (46 cm) spring-loaded discs cover the potato with dirt and form a preliminary hill. This coulter works best in lighter soil.

Covering Disc:
Notched

20" (50 cm) spring-loaded discs cover the potato with dirt and form a preliminary hill. This coulter works best in heavier soil.

Hitch Option

To reduce the number of passes through the field, a three-point-hitch is availabe to mount additional implements such as a hiller or cultivator to the back of the machine.

Drag Pipe

An optional drag pipe levels and smoothes out the hills to maintain a consistent hill throughout the field.

Cage Rollers

An optional cage roller with Coil Shanks can be installed on the rear tool bar to improve water absorption.

Catwalk

Lower Catwalk

Catwalk in front of the Row-Unit. Easy access to the Row-Unit to make adjustments on the go.

Upper Catwalk

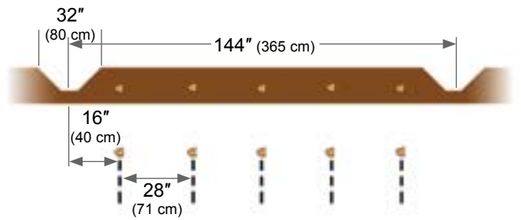
Catwalk only on top of the Row-Unit.

Ladder

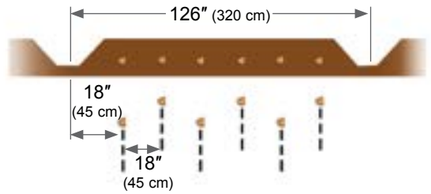
Get on the Planter easily. For road transport the ladder can be folded up.

Bed Designs

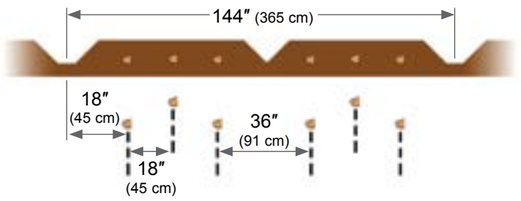
5 Rows in 1 Bed



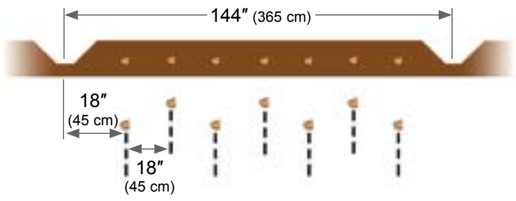
6 Rows in 1 Bed



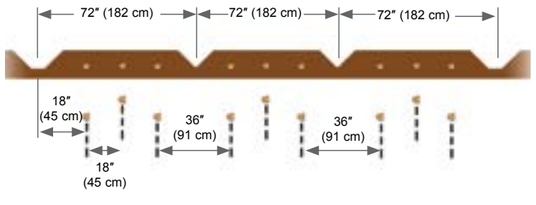
6 Rows in 2 Beds



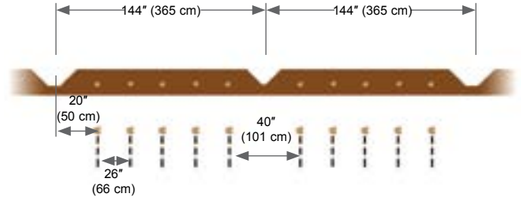
7 Rows in 1 Bed



9 Rows in 3 Beds



10 Rows in 2 Beds



Dry Fertilizer

The dry-fertilizer option is available to efficiently place the fertilizer at the correct rate and depth for optimal plant growth. The fertilizer is applied in two bands, next to the seed piece. (Picture 2)

1

2

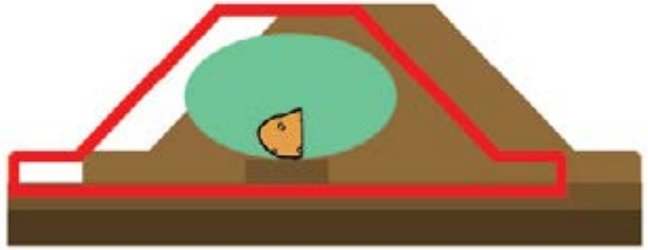
GPS Planting

1

GPS capable planters, with steerable axles to ensure the machine follows the tractor on side hills.

GPS precision farming is important for correct seed and row alignment (Picture 2).

2



Tires

Common available tire options with Spudnik Equipment.

Handling Equipment

Planter

Windrower

Harvester

Crop Cart

Identification Chart

Tire	1	2	3	4	5	6	7	8	9
Description	480 x 8	480 x 12	20.5/8.0-10	670 x 15	15 x 6	225/75 R15	215/75 R15	10L-15	750 x 16/10
Part Number	951106	951101	951394	951503	951395 / 6 (L/R)	951604	951505	951504	951485
Width - mm (in)	122 (4.8)	122 (4.8)	170 (6.7)	170 (6.7)	150 (5.9)	225 (8.86)	215 (8.46)	274 (10.7)	190 (7.48)

Tire	10	11	12	13	14	15	16	17	18
Description	31 x 1550 x 15	12 x 16.5	12.5 / 16	15 x 13	10.00 x 15/18	10020 x 20	10-20/16	11.2 x 24	11.25 x 24/12
Part Number	951392	951469	951280	951432	951483	951484	951476	951386 / 7 (L/R)	951273
Width - mm (in)	310 (12.2)	305 (12)	318 (12.5)	380 (14.96)	254 (10)	254 (10)	254 (10)	284 (11.2)	285 (11.25)

Tire	19	20	21	22	23	24	25	26
Description	11.25 x 24	11.25 x 28/12	600/50R22.5	750/45R22.5	750/45R26.5	17 x 25	650/60R30.5	900/60R32
Part Number	951380	951372	951436 / 7	951445	951537	951545	951601	951527 / 85 (L/R)
Width - mm (in)	285 (11.25)	(13.2)	600 (23.62)	750 (29.52)	750 (29.52)	432 (17)	650 (25.59)	900 (35.43)

Notes

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