



80X0 Planter

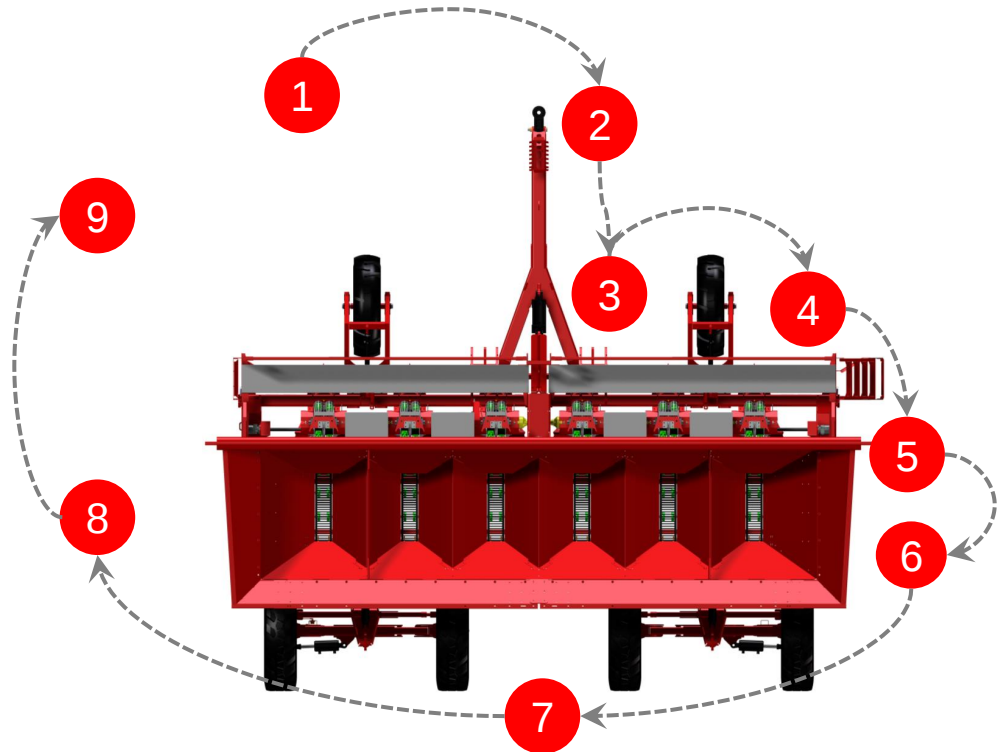
Walk-Around

SPUDNIK

Explanation of the Walk-Around

This document “Walk Around 80X0 Planter” was developed to help introduce the planter at shows, field demonstrations, or in sales discussions, and to showcase distinguishing features!

- 1 Concept
- 2 Attachment
- 3 Row Unit Drive
- 4 Row Unit
- 5 Feed Chain
- 6 Fertilizer | Chemicals
- 7 Chassis | Hopper
- 8 Misc Attachments
- 9 Controls



All images are examples for different machine configurations



Overview

SPUDNIK Conventional Planters



SPUDNIK 8040

- 4-row
- Cup planter for small-sized farms
- Flexible even on small fields
- Row width from 32" to 38" (81,3 cm to 96,5 cm)
- 80 Sacks (3.600 kg) Hopper
- Minimum 120 hp

SPUDNIK 8060

- 6-row
- Cup planter for medium-sized farms
- Versatile machine for every field size the right choice
- Row width from 32" to 38" (81,3 cm to 96,5 cm)
- 120 Sacks (5.400 kg) Hopper
- Minimum 180 hp

SPUDNIK 8080

- 8-row
- Cup planter for large-sized farms
- Highly efficient machine due to large hopper
- Row width from 32" to 38" (81,3 cm to 96,5 cm)
- 160 Sacks (7.200 kg) Hopper
- Minimum 220 hp



Position 1

Concept



Benefits:

Recommended position:

Conventional cup planter

Proven GRIMME row units for accurate seed placement – 20 years experience in planting equipment

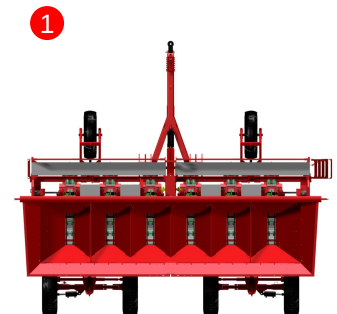
Simple operation even for inexperienced operator

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Rugged construction for a durable machine

GPS ready for faster axle turnaround on row end and centered seed piece in the hill

Easy to maintain and service due to sealed bearings and only a few grease points



Position 2 Attachment



Benefits:

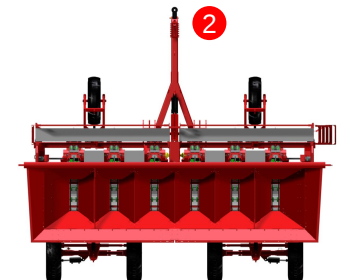
Recommended position:

Semi-mount or pull type tractor attachment to meet every demand

Heavy duty Bull-Pull hitch or 2-point Hitch for rough conditions (optional) – for pull type attachment

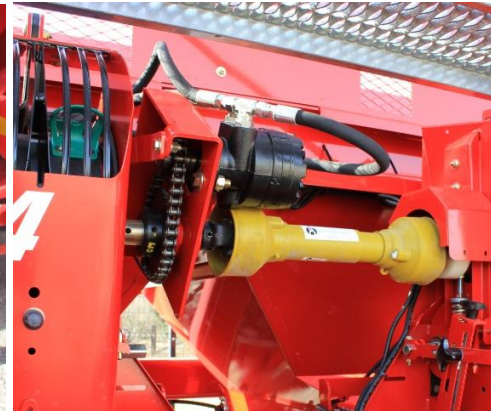
Long or short drawbar to suit operating tractor (optional)

Hose rack for clean storage of hydraulic connections



Position 3

Row Unit Drive



Benefits:

Recommended position:

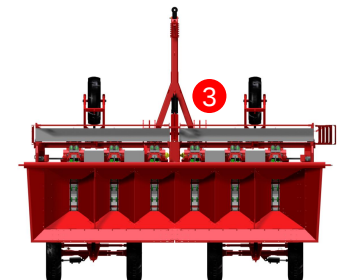
Range of different row unit drives:

- Mechanical drive
- Hydraulic all row units drive
- Hydraulic individual row unit drive
- Hydraulic split 3 row units drive

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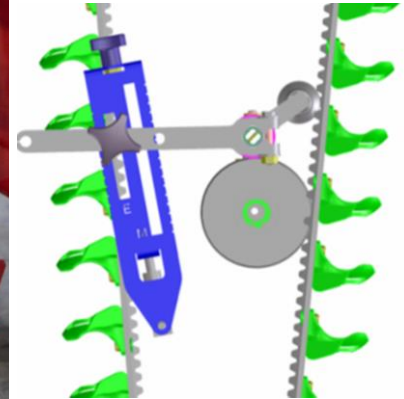
Mechanical row unit switch off to plant tramlines

Hydraulic row unit switch off for smart planting (optional)



Position 4

Row Unit



Benefits:

Recommended position:

Hydraulic depth wheel for more precise planting (optional)

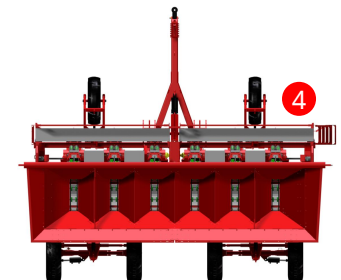
Additional small gauge wheels for two row units each to improve planting depth even in hilly conditions (optional)

Mechanical, hydraulic or electrical cup shaker to ensure the optimal separation of the seed pieces (optional)

5° tilt row unit and shaker slope compensator for planting in hilly conditions (optional) – adapt the shaker speed to the slope

18" or 20" cover discs depending on the soil conditions – straight or notched

Painted or chromed planter shoe for abrasive or sticky soil and improved durability (optional)



Position 4

Row Unit – Cup options

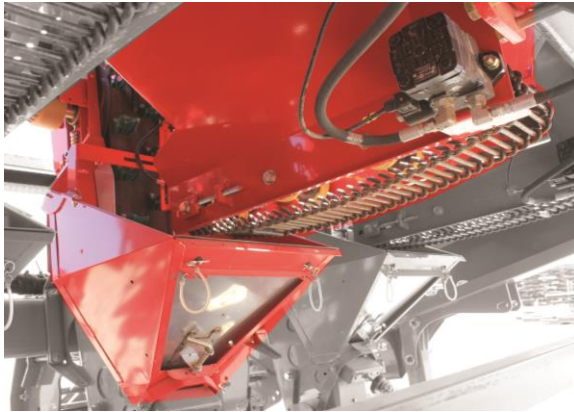
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Cup	Insert	Size
	No insert	Up to 2 oz. 30 - 50 mm
	Blue insert	Under 30 mm
	No insert	2.2 to 2.8 oz Over 50 mm
	Black insert	Under 45 mm
	White insert	Under 30 mm
Blue Cup (large)	No insert	Over 2.8 oz. Over 60 mm



Position 5

Feed Chain



Benefits:

Recommended position:

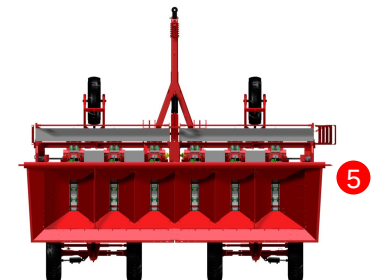
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Feed chain transfers seed pieces to the seed bowl of the row unit. The transfer chain prevents bridging of seed in the hopper especially for cut seed pieces.

Mechanical or in-cab adjustable feed bowl sensor to ensure the optimal filling of the row unit (optional)

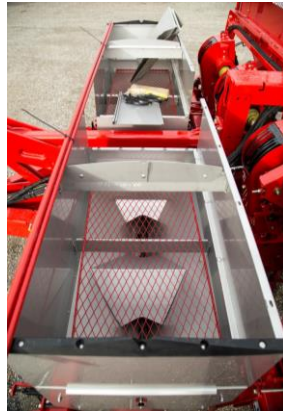
UHWM inserts to limit seed bridging due to wet or treated seed in the seed bowl (optional)

Corner inserts to direct seed towards cup belt (optional)



Position 6

Fertilizer | Chemicals



Benefits:

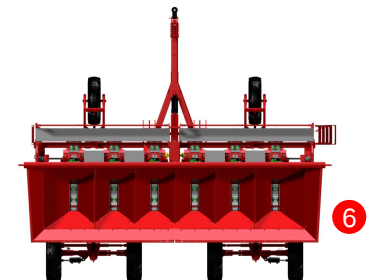
Recommended position:

Dry fertilizer and liquid chemical application in one pass

Dry fertilizer tank in front of the machine for easy loading (optional)

6 Fertilizer application in two bands next to the seed piece to ensure optimal growing

Rear or side mounts for liquid chemical tanks (optional) – tanks not included



Position 7

Chassis | Hopper



Benefits:

Range of different axles depending on the conditions

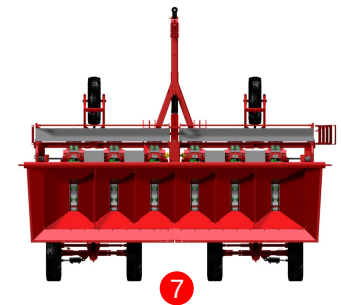
Wheel assist to get through wet conditions (optional)

7 Steerable axles for GPS steering to improve accuracy in hilly conditions (optional)

Catwalk for easy hopper or row unit access (optional)

Hopper extension to increase capacity and planting time (optional)

Recommended position:

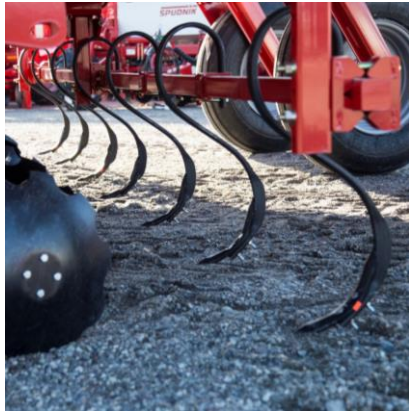


Tires			
	MULTIRIB		
	GALAXY GIRAFFE XLW		



Position 8

Misc. Attachments



Benefits:

Recommended position:

Front toolbar to rip up soil behind tractor tires and loosen soil in front of planting shoe (optional)

Drag pipe to level and smooth out the hills to maintain a consistent hill throughout the field (optional)

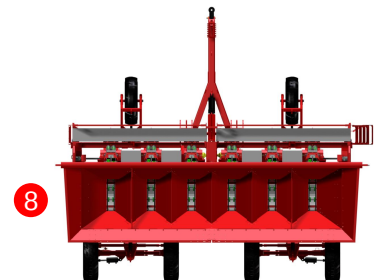
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Rear toolbar to rip up the soil in-between the rows after planting to prevent soil erosion and conserve water (optional)

Rear three-point hitch for single pass planting (optional)

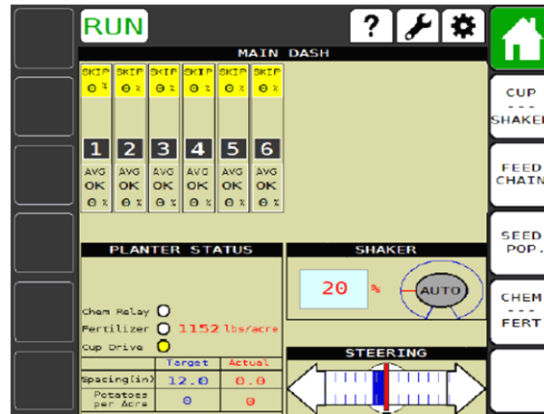
Trailed toolbar behind the wheels for additional tools (optional)

Up to 6 cameras for easy control of planting operation (optional)



Position 9

Controls



Your benefits:

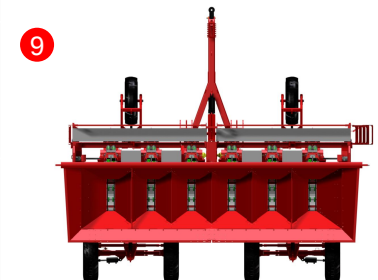
Recommended position:

CCI 200 control panel with 8,4" display

Certificated ISOBUS terminal

Tractor mounts for in-cab installation

Easy to operate even for new operators



View 80X0 Planter

From left



View 80X0 Planter

From right



View 80X0 Planter

From front



View 80X0 Planter

From rear



View 80X0 Planter

From top

