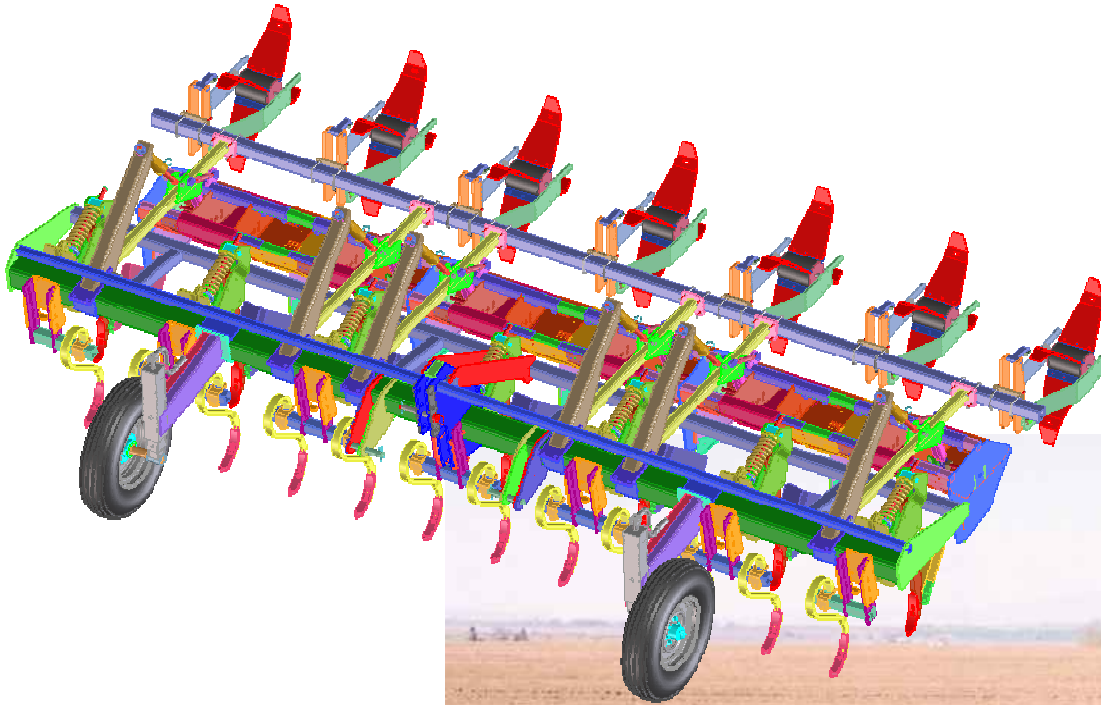


February 2006

9040 / 9060 / 9080

2006 90-Series Hillers

SPUDNIK





Key Product Features

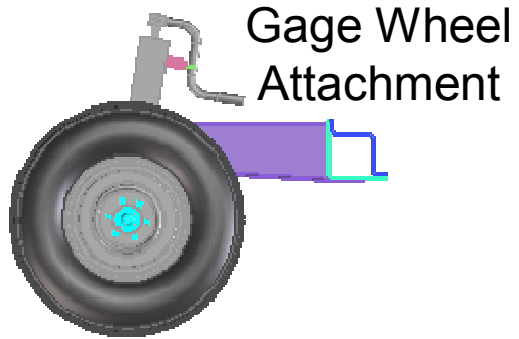
- [2006 Hiller Options](#)
- [New Spudnik Prop](#)
- Main Shank Options
 - [Heavy Ripper Shank](#)
 - [David Tooth Tine](#)
- Front S-Tine Option
 - [Light S-Tine](#)
 - [Heavy S-Tine](#)
- Prop Option
 - [Spudnik Prop](#)
 - [Modified Sunco Prop](#)
- Former Option
 - [Standard Former](#)
 - [Short Former](#)

Configuration Examples

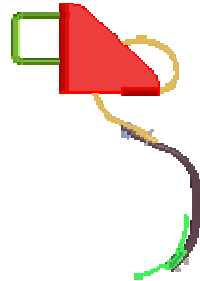
- [Front S-Tine + Ripper](#)
- [Front S-Tine + Ripper + Prop](#)
- [Front S-Tine + Ripper + Former + Prop](#)
- [Front S-Tine + Ripper + Former +Rear S-Tine](#)

2006 Hiller Options

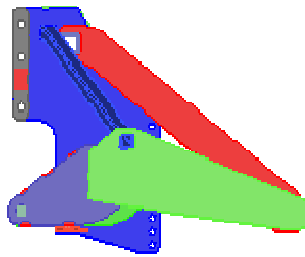
SPUDNIK



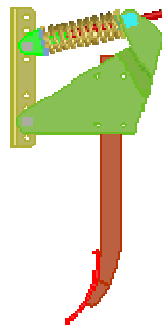
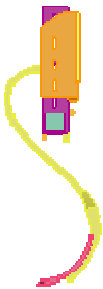
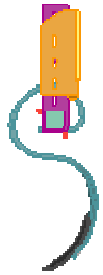
Ripper Shank Options



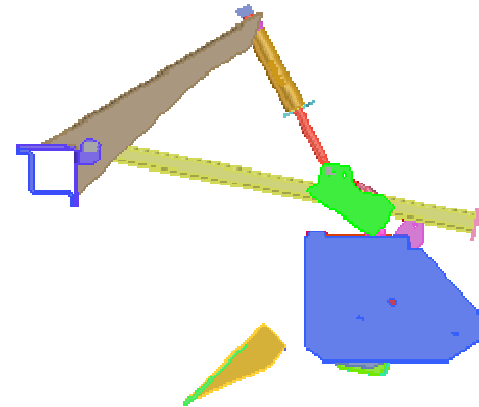
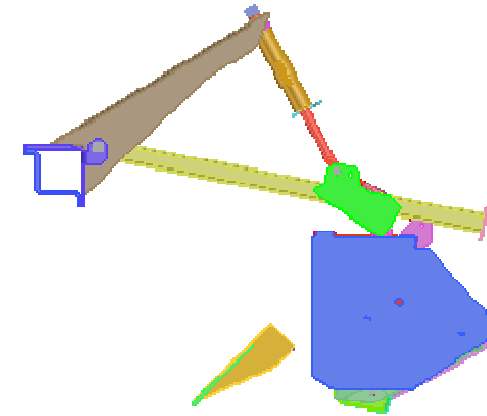
Main Frame



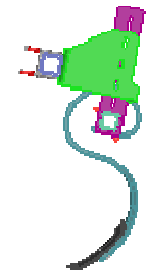
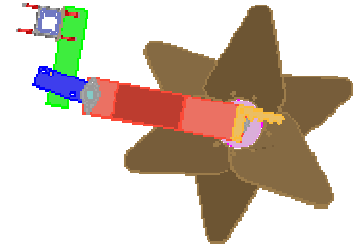
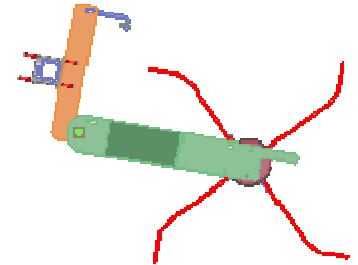
Front S-tine Options



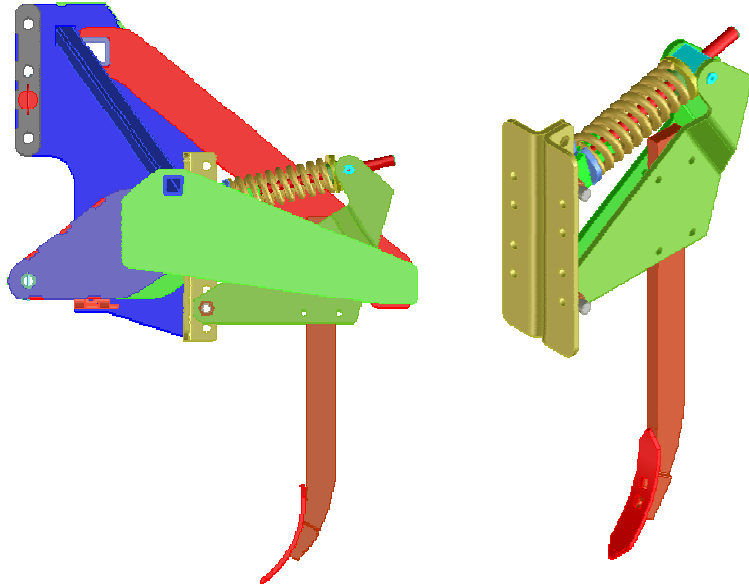
Former Options



Prop or Rear Tine Options

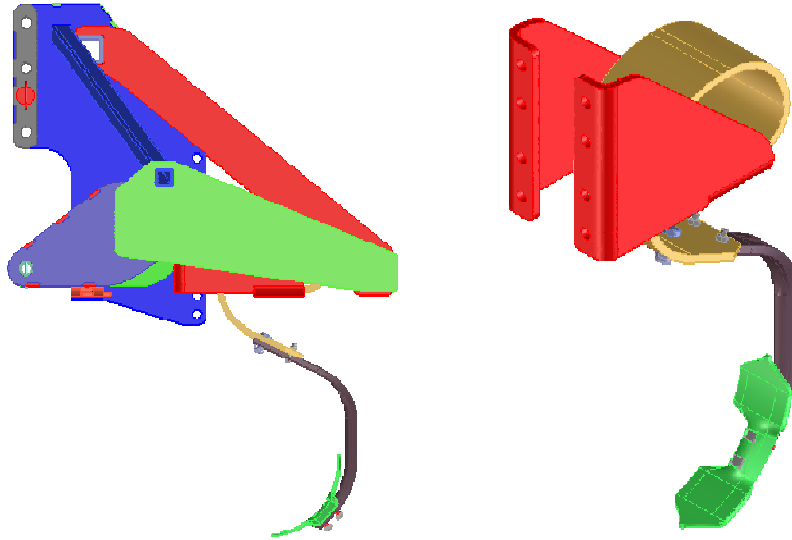


Heavy Ripper

SPUDNIK

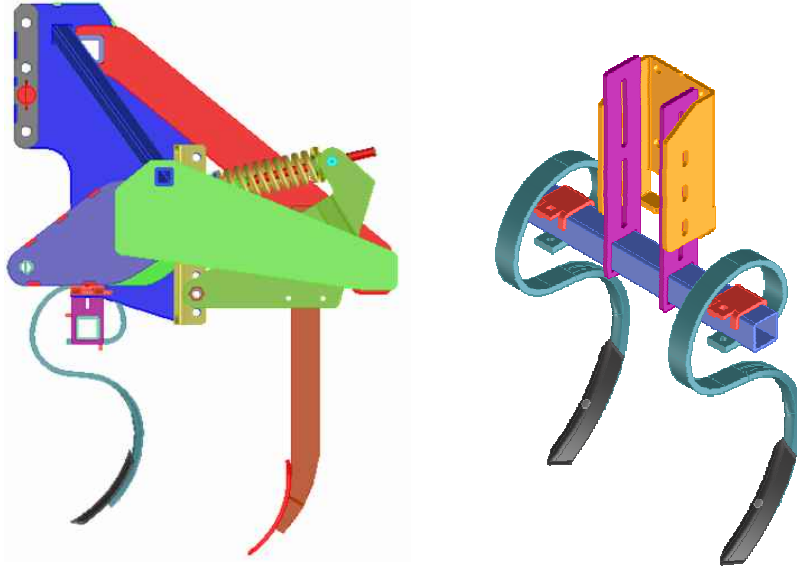
- Included in the base unit
- Rips deep into the soil
- Loosens soil for prop
- Heavy duty shank
- Spring Loaded
- Working deeper than David Tooth
- Especially for heavy soil which needs to be loosen deep
- Optionally wings can be mounted on the shank to have more soil in the hill

David Tooth

SPUDNIK

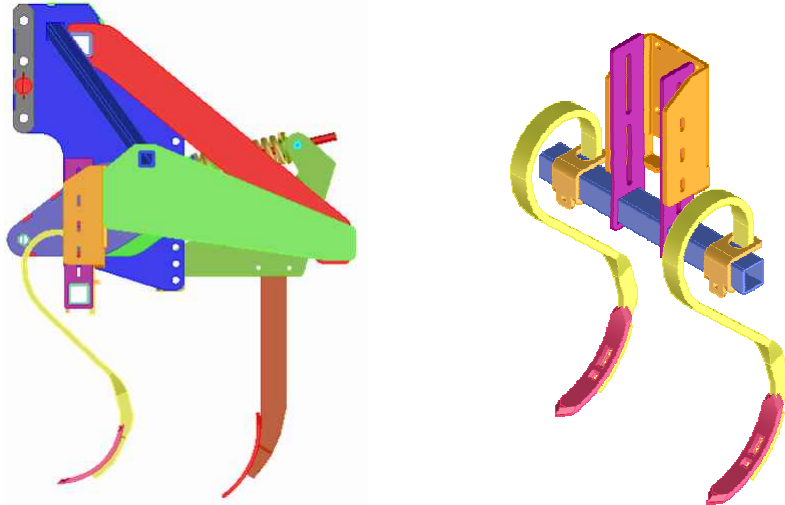
- Spring shank
- Optionally available instead of heavy ripper shanks
- Pulls up soil
- Less expensive than heavy ripper
- Use for sandy soil which doesn't need to be loosened that deep
- Better in rocky conditions because it will not pull up rocks (spring loaded)
- Wings for more soil in the hills are standard

Light S-Tine Front

SPUDNIK

- Loosens soil in front of ripper
- Adjustable from center of each hill
- Breaks up crust
- Ideal for heavy soil conditions which tends to have a hard crust
- Not necessary for sandy conditions

Heavy S-Tine Front

SPUDNIK

- Loosens soil in front of ripper
- Adjustable from center of the hill
- Breaks up crust
- Heavy duty design
- Good for very heavy soil conditions with rocks

Advantages of Reservoirs

SPUDNIK

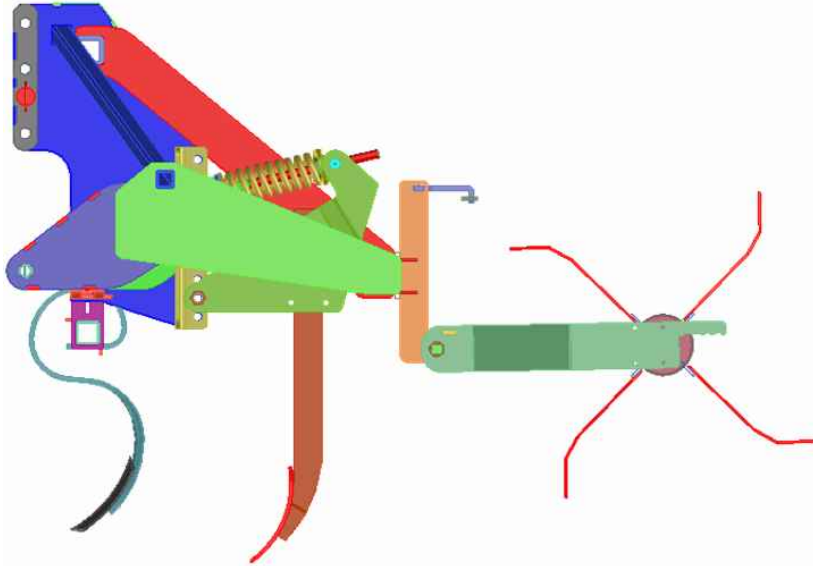


- Reservoir tillage using the Sunco Prop eliminates water run-off which controls erosion and conserves valuable moisture.
- Props incorporate herbicides, soil stays mellow, weed and grass seeds fail to germinate.
- Stands are uniform in propped fields, even on the roughest terrain, providing more bushels per acre.
- Reservoirs and dams stay throughout the season, and are easy on harvest equipment.

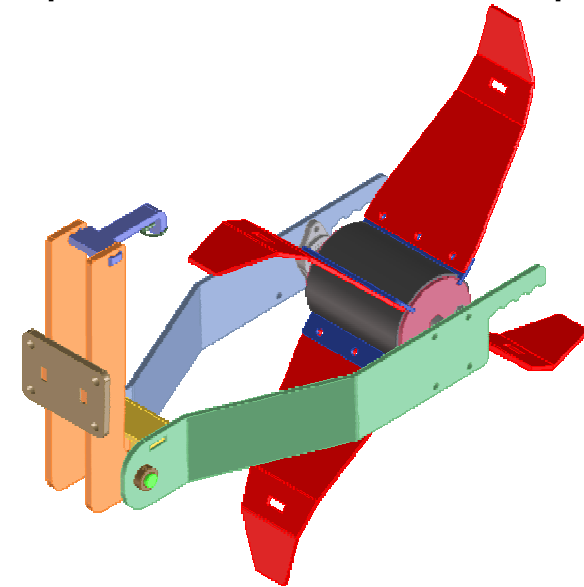
more advantages

- Reduces run-off on side hills
- Allows application of fertilizer and chemical through pivot
- Eliminates pivot-track washing
- Aerates soil
- Helps control weeds and grasses
- Keeps soil mellow
- Promotes deeper root growth and development
- Eliminates ponding and drowning in low areas
- Reduces evaporation
- Allows moisture to permeate and remain in subsoil
- Reduces wind as well as water erosion:
- Increases yields
- Eliminates hard pan when used with ripper
- Helps replenish ground water
- Helps reduce crop stress in dry weather
- Keeps water from running down ripper marks
- Eliminates subsoil drying caused by ripper
- Helps promote soil organism growth
- Helps direct off season moisture to subsoil.

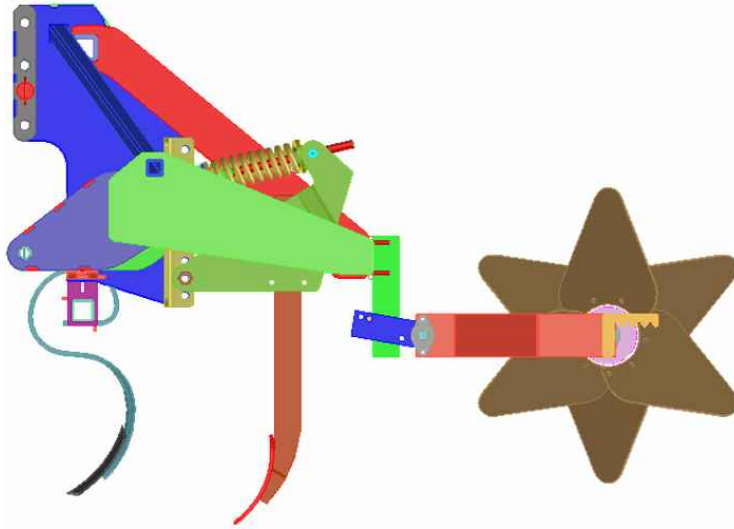
Spudnik Prop No Former

SPUDNIK

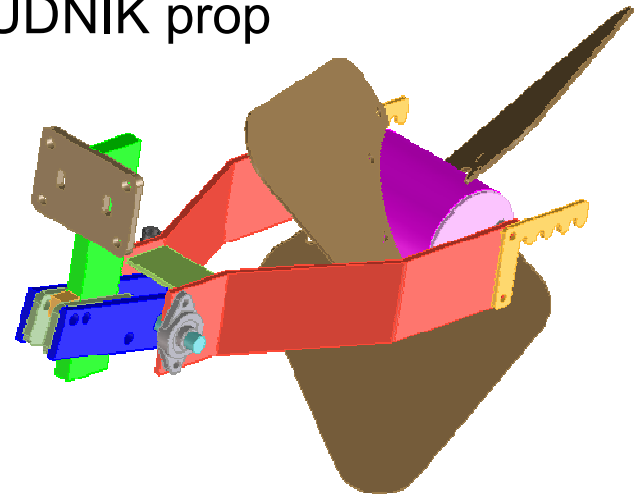
- New Spudnik design
- Narrow reservoirs
- Does not pull soil away from hill
- Deeper reservoirs than with the SUNCO prop
- Better reservoirs with even with high speeds
- Cheaper than the SUNCO prop



Sunco Prop No Former

SPUDNIK

- SUNCO Prop available as an option
- Equipped with SPUDNIK blades to have narrower reservoirs without taken soil out of the hill
- Reservoirs are in an angle to driving direction, that minimizes rocking on tractors when spraying, etc.
- Not that big reservoirs like the SPUDNIK prop



Advantages of shape formers

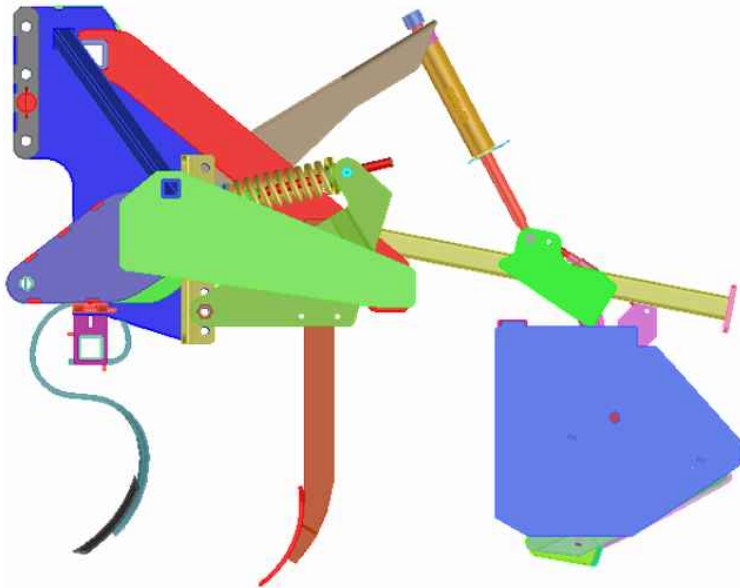
SPUDNIK

- All hills have the same constant shape, so it eases the harvest process or the shredding of vines
- biggest possible volume to reduce green potatoes
- clods are pushed into the hill where the moisture will crack them, they are not “baking” in the sun
- Hill is very smooth. Chemicals will work better because there are no spread shades
- SPUDNIK and GRIMME are the only manufacturer who offer this system
- 80% percent of the potato grower in the world using this system

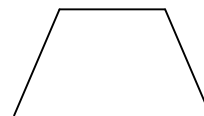




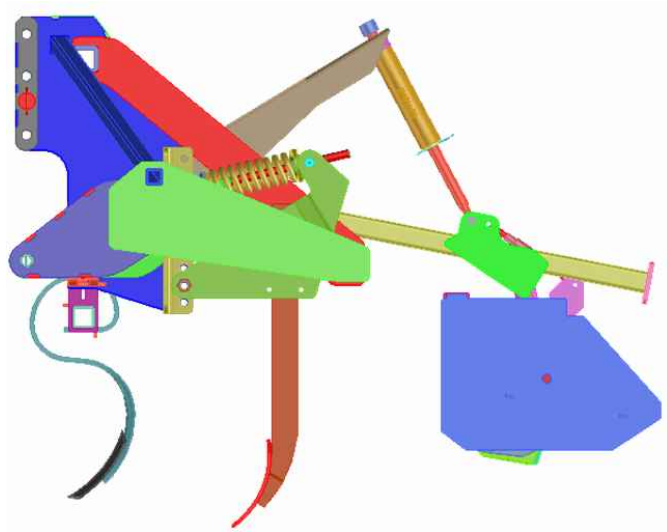
Former long shoe



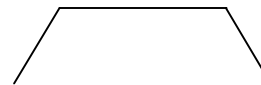
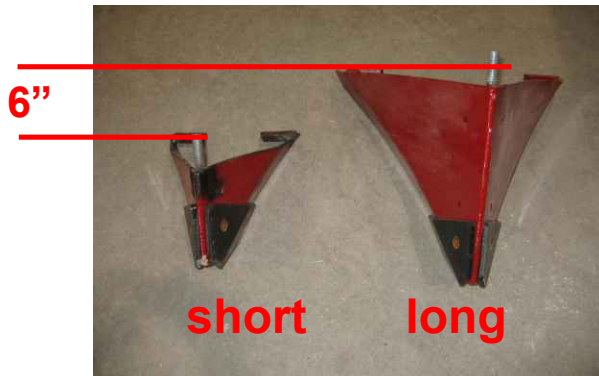
- High smaller hills
- Removable post-emergence plates
- Use for heavier soil conditions to provide the hill with more oxygen and warmth



Former short shoe



- 6" Shorter than standard
- Wider smaller hills
- Removable post-emergence plates
- Use for sandy soil conditions where more soil in the hill is needed to reduce green potatoes

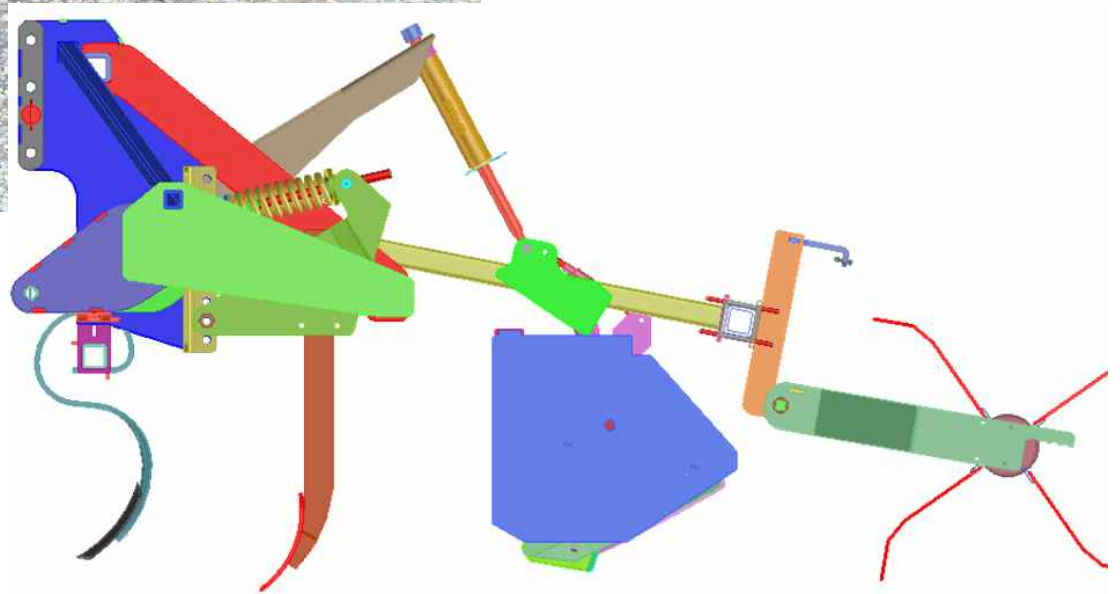




Most common setups



**SPUDNIK Prop with Former
Heavy ripper shanks
Light S-Tines in front**

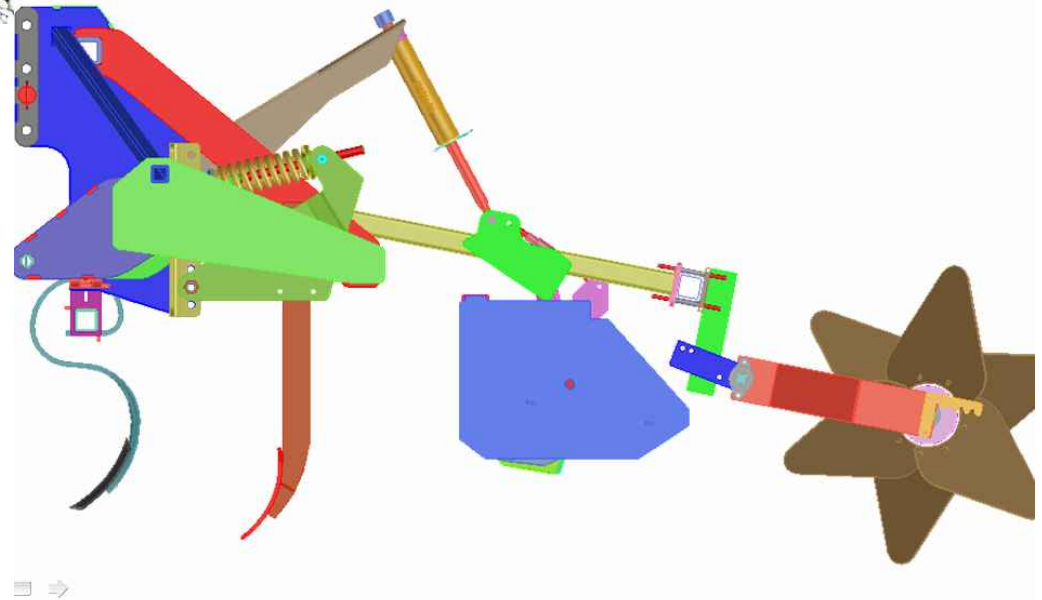




Most common setups



**Sunco Prop with Former
Heavy ripper shanks
Light S-Tines in front**





Most common setups



Heavy S-Tine with Former

