



# Kennco Manufacturing

2018 Catalog



*Serving **YOU** since 1973!*

- Ground Prep Equipment
- Superbedders
- Fertilizer Distributors
- Plastic Mulch Layers
- Transplanters
- Sprayers
- Cleanup Equipment  
& More!



***From Ground Prep To Cleanup,  
Growers Who Know...USE KENNCO!***



# A FEW WORDS ABOUT KENNCO



## **Kennco manufacturing has been building farm equipment for plasticulture and row crop farming since 1973.**

Most all the products we show here were developed here. We did it first. We've revised many of them over and over. Current versions save YOU labor, and we have them for every phase of the farming process from ground prep to clean up. Nobody does this better than we do. Often our newer products pay for themselves in less than one crop cycle. Our size is a benefit to our customers. We are big enough to have specialists in the manufacturing process, but small enough to give you the personal attention you need.

We build to order so we can customize your equipment to fit your needs and **SAVE YOU MONEY!**

### **CONTACT INFO**



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**Florida Strawberry  
Growers Association**



***A Complete Line of Labor  
Saving Equipment... From  
Ground Prep To Clean Up!***

# STRAWBERRY EQUIPMENT

## STRAWBERRY GAS BEDDER



Kennco's Strawberry plastic mulch layer sports a heavy-duty welded frame, which will last season after season. Choose from single and multi-row configurations that will help make your strawberry fields reliable, durable and cost effective.

### FEATURES:

- Heavy duty welded frame .....
- Single or multi-row .....
- 48" Row Center .....
- 28" x 9" bed with 3" crown OR 28"x8" bed with 3" crown
- UHMW lined pan with rounded shoulder .....
- Crown includes 2 gas knives per row .....
- Removable hydraulic sweeps
- Removable splitters .....
- Cat 2/3 Hitch
- Weight racks full length of machine .....
- Sturdy frame .....

### BENEFITS:

- No tightening and readjusting
- You get what you want and need
- Ideal for strawberry growers
- Long lasting, and replaceable
- Gas while bedding, saves time
- Replaceable saves money
- Holds John Deere or Kennco weights
- Option to add 1300 lb. hopper

## STRAWBERRY HOLE PUNCHER



If you're a grower who wants to spend less and get better yields, you've found the right place. Many growers tell us that our newer farm products pay for themselves in less than one crop cycle.

**That's our job, to  
Save You Money...  
and nobody does this better  
than we do.**

### FEATURES INCLUDE:

- Multirow configuration
- Hydraulic lifts on outside rows to avoid rain birds
- Flatside punches for bare root plants
- Floating wheel frames
- Custom plant spacing
- Kennco's dependable fabrication and warranty





# STRAWBERRY EQUIPMENT

## STRAWBERRY PLASTIC LAYER



### FEATURES INCLUDE:

- Cat2 hitch
- Sturdy plastic seats
- 48" row center .....
- Dual drip carriers with autobrake.....
- Quick rotation of drip carrier.....
- Galvanized side plates.....
- Built-in weight rack .....
- Stainless steel round ground tubes
- UHMW funnels.....

### BENEFITS:

- Ideal for strawberry growers
- Prevents spooling of tape when tractor stops and keeps tension when tractor is moving
- Load 2nd drip spool quickly in field
- Long lasting, won't rust
- Comes with 4 weights
- Long lasting





# GROUND PREPARATION EQUIPMENT

## DITCH PLOW



Kennco's ditch plow is ideal for digging irrigation and drainage ditches, and for ditch maintenance during the growing season. It makes a narrow ditch and spreads the displaced soil evenly to both sides. The displaced soil can be spread anywhere from 3 ft to 4½ ft to each side of the ditch. The hydraulic option allows adjustment by the tractor driver while ditching.

Box blade attachments are available for use when the plow re-digs a ditch. They level the newly displaced soil without pushing it against the side of the bed or allowing it to fall back into the ditch.

## BED BUSTER



Kennco's Bed Buster is designed to efficiently break up old beds and spread out the soil to each side. The sweep type middle busters roll the soil for a good mixing action and save you time and fuel when you are preparing a field for a new crop. Available in various multi-row configurations.

**Our customers find that using a Bed Buster cuts the number of disking passes needed to prepare a field in half. At current tractor costs, a bed buster can pay for itself in 80 to 100 acres.**

## LEVEL BOARD



A level board is used to apply the finishing touches to an un-level field. A correctly leveled field has good irrigation and drainage characteristics. The level board leaves a smooth finish and does not create or deposit washboard surfaces. Any excess soil needed to fill low areas is passed out the rear of the machine to the side. A finishing roller compacts the soil to minimize blowing dust and to show the quality of the leveling action.





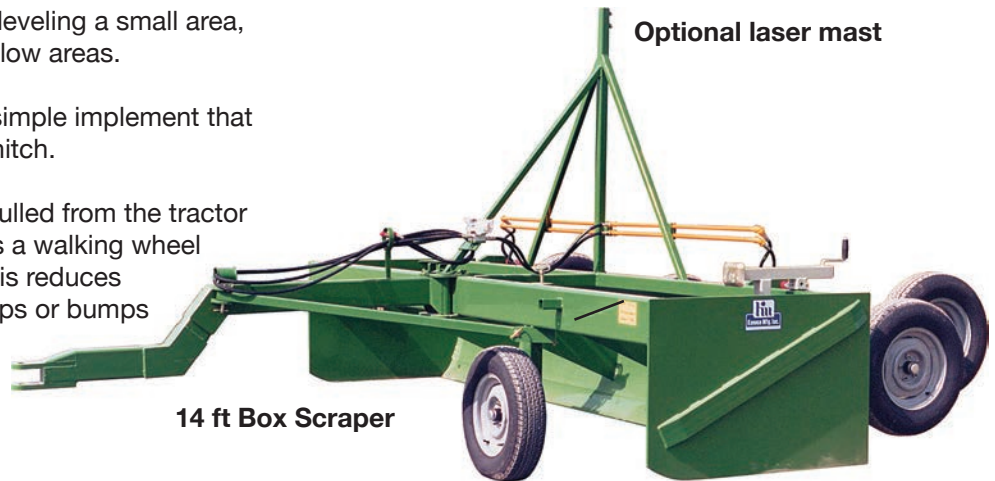
# GROUND PREPARATION EQUIPMENT

## BOX BLADE SCRAPER

Box blade scrapers allow you to move soil from one area of the field to another. Instead of just leveling a small area, you can move soil from high areas to low areas.

Kennco's 7 ft box blade scraper is a simple implement that is mounted to a tractor's three-point hitch.

Kennco's 14 ft box blade scraper is pulled from the tractor drawbar. It is unique in that it includes a walking wheel frame on the back of the machine. This reduces jarring bounces when passing over dips or bumps in the field for better leveling. It also includes hydraulic height adjustment and can be adapted to work with laser or GPS leveling systems.



## TOOL CARRIER

Our standard tool carrier is a rugged 20 ft reinforced tool bar. It can hold as many as three sets of bedding disks to pre-bed or raise false beds from 48" to 72" row centers.

Pre-bedding can improve the quality of formed beds. It is particularly helpful for extra-wide beds or when soil condition is not ideal. The bedding disks loosen the soil and move it toward the center of the bed. This means that less soil has to be moved by the bed shaper.



## BEDDING DISCS

Our bedding discs mount on a standard 2¼" tool bar, such as on a superbedder or tool carrier.

- Extremely rugged and versatile
- 24" diameter discs
- Height adjustable
- Rotate a full 180°
- Angle of the single blade disk is adjustable
- Constructed of massive steel for long life





# GROUND PREPARATION EQUIPMENT

## CROSS DITCHER



Our cross ditcher cuts a channel in a bed or berm. This allows water in the field to move past raised beds or into a drainage ditch. Our 1 bed models are used on berms and single planting beds. Our 3 bed models cut cross ditches through 3 beds at once.

Cross ditchers are controlled by the tractor's hydraulics. The tractor driver lowers the ditcher over a bed and closes the slide shovels into the bed center to cut out a section. As he drives to the next spot, he can slowly open the slide shovels to feather the collected soil out into the row middles.

## POWERBEDDER



A powerbedder is great for harder soils to work with such as clay. The powerbedder loosens the hard soil so it can be formed into a raised bed in one operation. The tiller is mounted in the front to break up the soil, then the superbagger sweeps will push the loosened soil to the center to make a good raised bed.

**Customizable to fit your application.**





# BED SHAPERS - SUPERBEDDERS

## BED SHAPERS

Nothing before the Kennco superbetter produced a perfectly shaped bed. We built our reputation making bedders that produce a completely filled, stable bed.

**Our customers began referring to them as “superbedders,” and the name stuck.**

Planting crops on a raised bed is very popular in vegetable production. It has many benefits.

- Eliminates soil compaction in the root zone from foot or tractor traffic
- Allows effective use of plastic mulch
- Higher plant density and higher yields
- Improved control of water runoff and removal
- Protection from plant disease and pests
- Better control of irrigation
- Allows precise fertilizer and nutrient placement
- Allows precise fumigation and pesticide placement
- More efficient harvesting
- Easier field cleanup and preparation for 2nd crop

Our basic superbetter consists of a frame with sweeps that roll the soil into a press pan. The press pan (sold separately) shapes the bed, compressing the soil as it passes through. Press pans are custom built to your height and width requirement.

**We can customize to allow for multiple operations.**



**We can make  
beds for any  
raised bed crop.**





# BED SHAPERS - SUPERBEDDERS

## 1 BED SUPERBEDDER



We offer 1, 2, & 3 bed superbedders on 5 and 6 foot row centers as well as custom row centers.

Superbedders are sold with replaceable press pans. Press pans are custom built to the size and shape of the bed desired and are not adjustable. We have found that rigid welded press pans produce better quality and more consistent beds.

If you need two different sized beds, you can use the same superbedder with two different press pans. To swap pans, just unbolt the turnbuckles and unpin the pan from the frame.

Superbedders are designed to raise and shape planting beds. Row center is important when working with a superbedder to avoid tire compaction and to get the best bed possible. These machines bed large fields quickly and efficiently and are extremely productive.

**Call our knowledgeable sales staff to help you.**

## MULTIPLE BED SUPERBEDDER



For large growers, we build superbedders that shape multiple raised beds in one pass. These extremely productive implements can bed large fields quickly and efficiently.

Their practicality depends on available tractor power and row center spacing. It is more difficult to shape a bed directly behind a tractor tire due to soil compaction, so tire spacing should match row middle spacing, if possible.

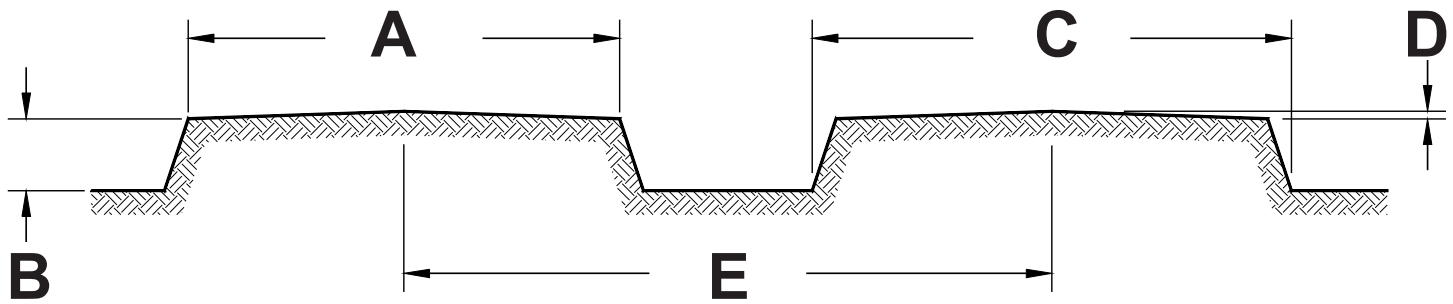
A multiple row superbedder also requires a very level field so the same amount of soil is available to form each bed.





# BED SHAPERS - PRESS PANS & LINERS

## SPECIFYING A PRESS PAN



A bed press pan forms and compresses the soil to a uniform shape and density. There are no standard dimensions for planting beds. We custom manufacture each press pan to your requirements for bed width [A], bed height [B], and row center spacing [E].

Our standard press pans have a 1¼" crown [D] at the center of the bed for water run off.

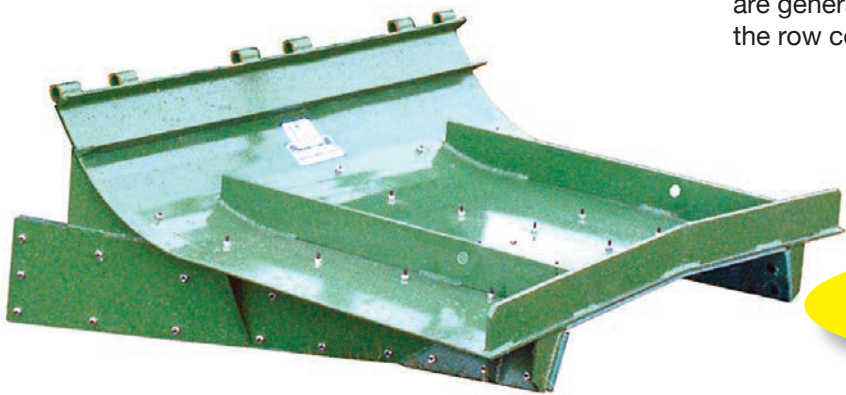
Planting beds are wider at the base so they will not collapse during plastic laying and plant setting. Our standard pans increase bed width at the base [C] by 2" for every 3" of bed height [B].

For example, a bed that is 24" wide [A] and 3" high [B] will be 26" wide at its base [C].

Row center spacing is important. If the bed is too wide for the row centers, your sweeps may not be able to pull enough soil from the sides to fill the center of the bed.

For example, you may have difficulty shaping a bed wider than 40" with a 60" row center.

Soil preparation, soil type, and the addition of various bedding attachments can all affect your bed dimensions and your ability to shape a good quality bed. Best results are generally achieved when the bed width is about half of the row center and no wider than 65% of the row center.



**Call sales for  
more information.**

**We will need to know your row center, the size of the bed and what you will be mounting it to:  
SUPERBEDDER, PLASTIC LAYER OR COMBO UNIT.**

## UHMW LINER FOR PRESS PAN

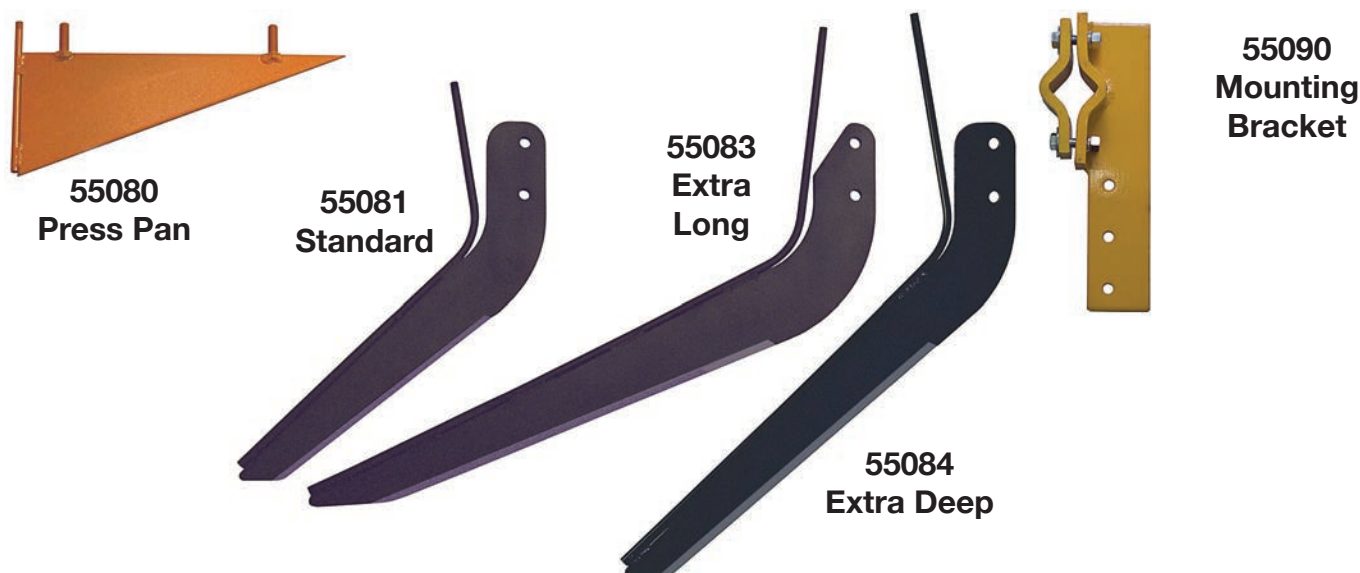


Our UHMW liner is self-lubricating and reduces soil sticking to improve bed quality. UHMW is also more abrasion resistant than steel and greatly extends the life of the press pan. When a liner wears out, it can be replaced economically. We recommend UHMW liners for all press pans.



# BED SHAPERS - FUMIGATION OPTIONS

## FUMIGATION GAS KNIVES



We manufacture a variety of fumigation gas knives which can be attached to our **superbedders and plastic mulch layers**.

The Standard, Extra Long, and Extra Deep gas knives are usually mounted on a superbedder's tool bar so they extend back into the throat of the press pan. The fumigant is placed into the bed just as the soil is rolled and compacted.

The Press Pan gas knife mounts inside a superbedder or plastic layer press pan. It is typically used to apply fumigant just before the bed is covered with plastic mulch.

### PART # DESCRIPTION

55080	Standard gas knife for flat top pans or pan-type mulch layers
55081	Standard superbedder gas knife
55083	Extra long gas knife for deeper placement in the throat of the press pan
55084	Extra depth gas knife for deeper placement beneath the bed surface
55090	Mounting bracket for superbedder/tool bar mounted gas knives

## FUMIGATION GAS BOTTLE RACKS & TRACTOR-MOUNTED "PIG" RACK



**14" Single Bottle Rack**

Our single gas bottle racks clamp onto your superbedder or plastic layer to carry round gas bottles.

### PART # DESCRIPTION

BP660	14" Gas bottle rack-single clamp-on
BP661	10" Gas bottle rack-single clamp-on
BP662	14" Gas bottle rack-single for 1 row bedder
BP663	10" Gas bottle rack-single for 1 row bedder
BP670	Rack for 3 gas bottles, includes mount for pressurizing tank and tie down strap
BP671	Rack for 5 gas bottles, includes mount for pressurizing tank and tie down strap
BP690	Single "pig" tank rack, hydraulic lift, includes mount for pressurizing tank and tie down strap
BP691	Double "pig" tank rack, hydraulic lift, includes mount for pressurizing tank and tie down strap



# BED SHAPERS - OPTIONS

## ADD-ON PLASTIC MULCH LAYER



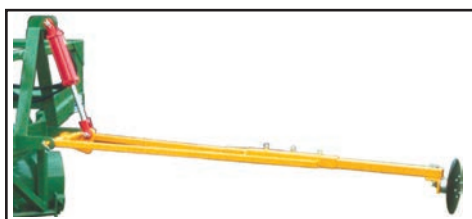
The add-on plastic layer option for our superbedders allows you to lay plastic mulch on the planting bed as it is shaped. Forming a planting bed and covering it with plastic mulch in a single pass saves time and tractor fuel and also eliminates the risk of your formed soil being affected by rain or sun.

The add-on plastic layer bolts onto the back of a superbedder frame. It is functionally equivalent to our high speed plastic mulch layer.

We do not recommend you purchase an add-on plastic layer and attempt to modify an existing superbedder yourself.

There are several modifications to the superbedder required. If you want to add a plastic layer to an existing superbedder, we recommend sending the unit to Kennco for the necessary modifications.

## OTHER BED SHAPER OPTIONS



Bedding disks mounted on the front tool bar of a superbedder can help move soil into the center of a wide bed, ensuring that it is filled solid from side to side.

Row markers are frequently added to bed shapers to ensure that planting beds are spaced evenly.

Our 3-point and tool bar press pan mounts let you pull a press pan for bed reshaping without requiring a full superbedder. Call for information.

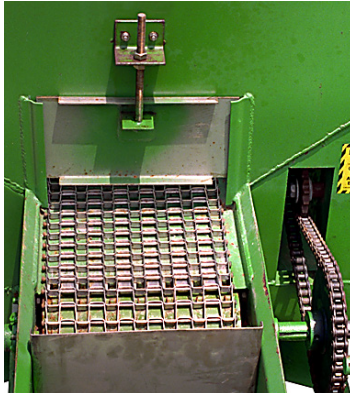
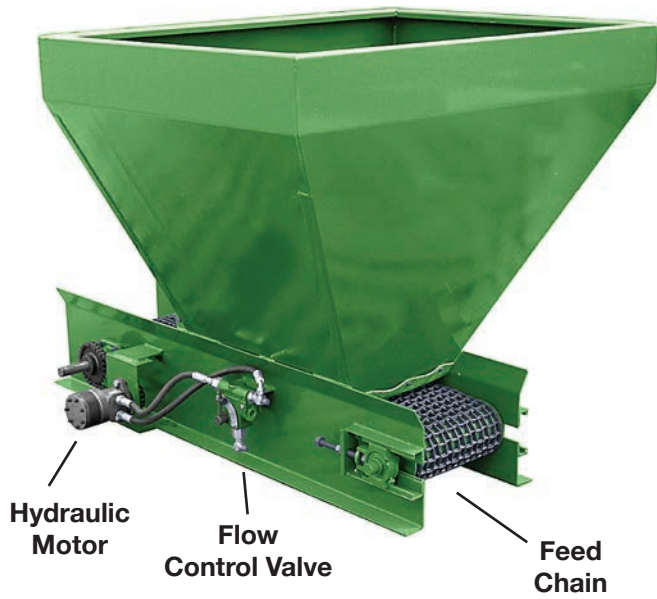
A hydraulically operated chop gate on a multi-row superbedder can cut cross ditches without slowing down the bedder. Call for information.





# BED SHAPERS - FERTILIZER APPLICATOR OPTIONS

## FERTILIZER APPLICATORS FOR BED SHAPERS



**Exit Door Adjustment**

One feature that separates Kennco's superbegger from all others is that our frame is strong enough to support a dry fertilizer hopper. This allows you to apply fertilizer and other nutrients to the planting bed at the time it is formed.

### 1 ROW FEATURES AND OPTIONS:

- Stainless steel or cold-rolled painted
- 600lb or 1300lb capacity
- Direct or mixed dispensing
- Catch hopper or cookie sheet dispensing
- Hydraulic motor powers chain speed
- Flow control regulates application rate
- Easy adjustable door height
- Stainless steel feed chain

### 3 ROW FEATURES AND OPTIONS:

- Stainless steel or cold-rolled painted
- 6,000lb capacity
- Front or rear dispensing
- Catch hopper or cookie sheet
- Hydraulic motor powers chain speed
- Flow control regulates application rate
- Easy adjustable door height
- Stainless steel feed chain
- 5 or 6 foot row centers





# FERTILIZER APPLICATORS

## 3 BED FERTILIZER APPLICATOR



**Kennco manufactures a variety of implements specifically for fertilizer application.**

Our 3 bed fertilizer applicator holds 10,000lb and is pulled by the tractor's drawbar. It is available in painted mild steel or stainless steel. The fertilizer feed chain runs the full

length to completely empty the hopper. The chain can be run hydraulically or if you need to have more control on your fertilizer output we can modify the chain and sprockets to fit your specifications, by using a ground wheel drive system. A ground wheel driven system assures that you get a consistent fertilizer application even if the tractor does not hold a constant speed.

The 1 bed fertilizer applicator can also be used as a broadcast spreader by replacing a rear catch hopper with a hydraulic spinner to spread a swath of fertilizer on any field.

**Custom sizes available.**



**Stainless steel over the top (bandcast) distributor**

It offers the same options for fertilizer catch hoppers and distribution on the bed as our other units.



# LIQUID FERTILIZER INJECTION WHEEL

## LIQUID FERTILIZER INJECTION WHEEL

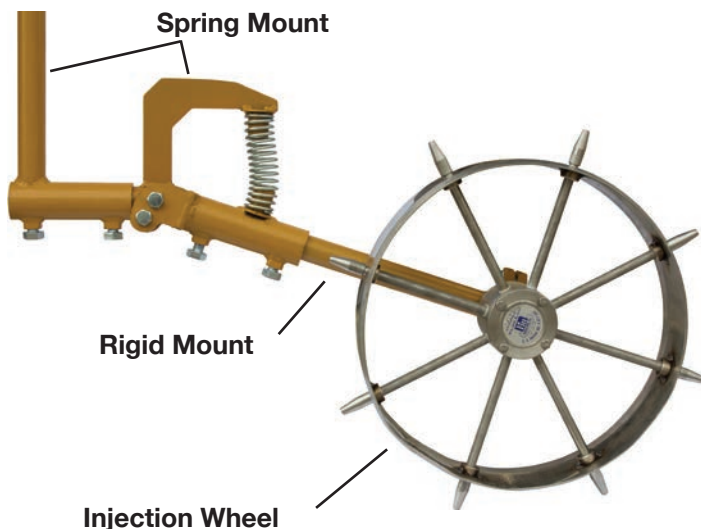
Our liquid fertilizer injection wheel is a very inexpensive way to add nutrients to a plastic mulch covered bed.

As the wheel rolls along a planting bed, it punches a hole through the plastic every 8" and injects a shot of fertilizer. Our patented rotary valve lets fertilizer flow only when a tip is in the bed to reduce waste. A check valve in each tip prevents leftover fertilizer from slinging out onto the top of the bed.

The wheels pivot for use on the top or side of the bed. Multiple wheels can be used as close as 6" on center. The only pressure the wheels exert on the bed surface is their own weight and from the spring mounting arm, when required.

The basic wheel includes a rigid mounting arm, three flow control orifices, and an application rate manual. Controlling fluid pressure and tractor speed allows precise fertilizer application.

- Wheel is constructed of stainless steel and industrial plastic for corrosion resistance.
- Wheel carriers can be custom built to your requirements.



PART #	DESCRIPTION
SM800	Liquid fertilizer injection wheel
80075	Injection wheel rigid mount
80076	Injection wheel spring mount

SM800	Liquid fertilizer injection wheel
80075	Injection wheel rigid mount
80076	Injection wheel spring mount

Wheels can be mounted on the following:

SM810	200 gallon fertilizer injection rig
BP642	10 ft tool bar
BP643	12 ft tool bar
BP640	3-point hitch mast



# PLASTIC MULCH LAYERS

## PLASTIC MULCH LAYERS - GENERAL INFORMATION

Our experience with plastic mulch layer design allows us to build equipment that lays plastic mulch tightly over raised beds or flat ground. Kennco mulch layers tension the plastic in both length and width. They bury the edges well so the plastic stays on the bed until you remove it.

Plastic mulch must be centered over the top of the planting bed, and the plastic layer must be square. Our mulch layers have a welded frame instead of components just bolted to a tool bar. Bolted connections loosen and slide, requiring constant adjustment to maintain alignment.

### HOW TO SIZE PLASTIC MULCH

It is extremely important to bury enough plastic mulch to keep it from coming loose over time. Most growers find that 6" of plastic buried on each side is ideal. Much less than 6" is difficult to bury and keep buried. Much more than 6" can wrap around the stretching wheels and block soil from rolling into the burying cup.

### EXAMPLE:

If your bed is 36" wide at the top and 8" high:  
 $36" \text{ top} + (8" + 8" \text{ sides}) + (6" + 6" \text{ buried}) = 64" \text{ plastic.}$

### PLASTIC MULCH PROVIDES MANY ADVANTAGES TO FRUIT AND VEGETABLE GROWERS.

- Warmer soil speeds plant growth for earlier harvest and better early yield.
- Plastic or Metallic mulches inhibit weed growth.
- Reduced water loss from the planting bed for more uniform moisture with drip irrigation.
- Prevents leaching of fertilizer due to rainfall.
- Reduces soil compaction and erosion around crops due to rain.
- Barrier between fruit and soil keeps fruit cleaner and prevents rot.
- Slows dissipation of soil fumigant for more effective fumigation.



**1) Cross section of a raised bed before laying plastic**

**2) The "cup" or "tuck" area after the boat cuts the groove**

**3) The completed process after the hiller disks bury the plastic**





# PLASTIC MULCH LAYERS - HIGH SPEED

## 1 BED HIGH SPEED PLASTIC MULCH LAYER



### FEATURES OF OUR HIGH SPEED PLASTIC MULCH LAYER:

- Heavy-duty welded steel frame.
- Carries two rolls of plastic mulch.
- Mulch layer operator can switch from one roll of plastic to the second without stopping, giving full use of every roll of plastic.
- Easy to adjust for different plastic mulch widths.
- Boats reshape the sides of the bed and plow a “cup” to bury the edge of the mulch.
- Adjustable braking mechanism stretches mulch as it is laid.

- Crown roller rides near or on the planting bed to smooth the plastic. It matches the crown on most beds.
- Stretching wheels pull the plastic down the side of the bed and press it into the burying cup.
- Closing discs roll soil over the plastic in the cup, holding it tightly on the bed.
- Support wheels at the back can pack the soil covering the edge of the plastic.

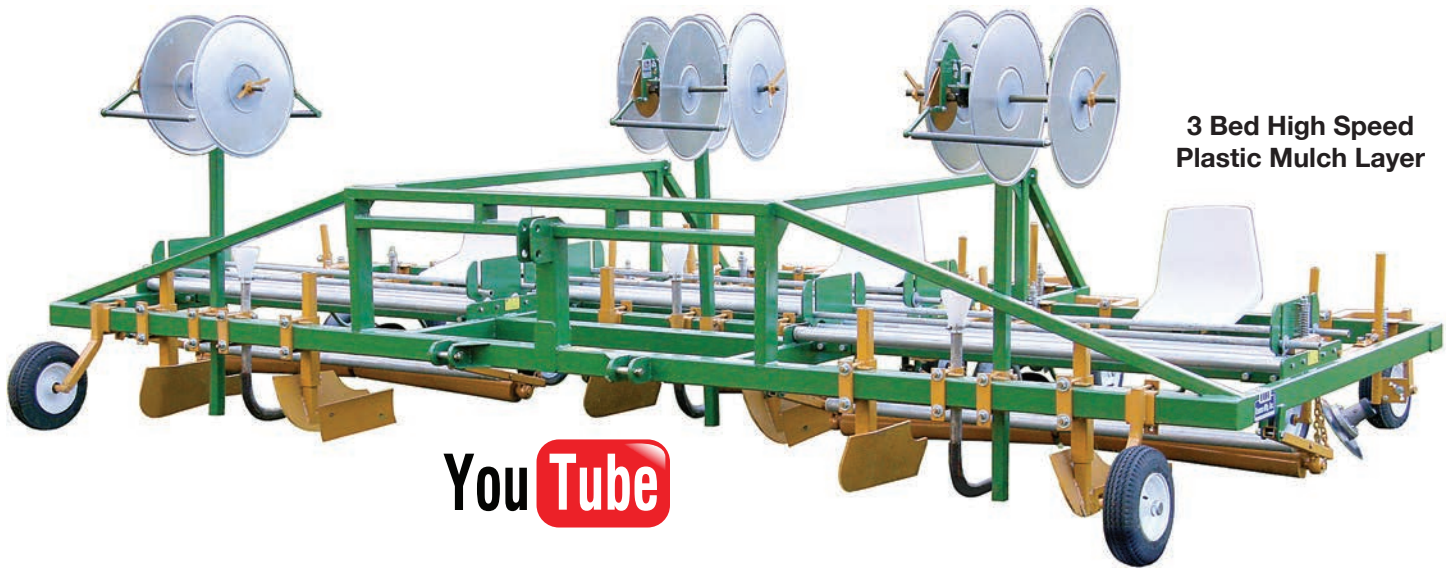
**A variety of options  
are available which make  
the high speed plastic  
mulch layer even  
more versatile.**





# PLASTIC MULCH LAYERS - HIGH SPEED

## MULTIPLE BED HIGH SPEED PLASTIC MULCH LAYER



### **Multiple bed high speed plastic mulch layers lay plastic quickly on large fields.**

Multiple bed equipment should be used as a system. A 3 bed mulch layer follows a 3 bed superbedder much better than a 1 bed superbedder because the 3 bed implements have perfectly matched row centers. This minimizes the amount of bed reshaping required from the layer.

Multiple bed implements have wide, rigid frames. A properly prepared flat and level field is necessary for trouble-free bedding and plastic laying.

Multiple bed plastic layers are available in custom configurations from 2 to 4 beds. Your tractor tires run between the beds, so layers for 2 or 4 beds are built offset to one side unless your tractor can straddle two beds.





# BEDDER/MULCH LAYERS - COMBINATION UNITS

## COMBINATION UNITS - GENERAL INFORMATION

Combination machines form a raised planting bed and cover it with plastic mulch in the same pass. This saves time, labor, and tractor fuel.

When choosing between a combination unit and separate superbedder and plastic mulch layer, please consider the following.

- Do you have a large enough tractor to pull the equipment? Combination units are heavier than superbedders or mulch layers. You may not be able to pull a combination unit with the same tractor that can pull two individual machines.
- Are you able to consistently form a fully-filled and smooth planting bed? Combination units cover the

bed with plastic as it is formed, so it is harder to spot and correct bedding quality problems.

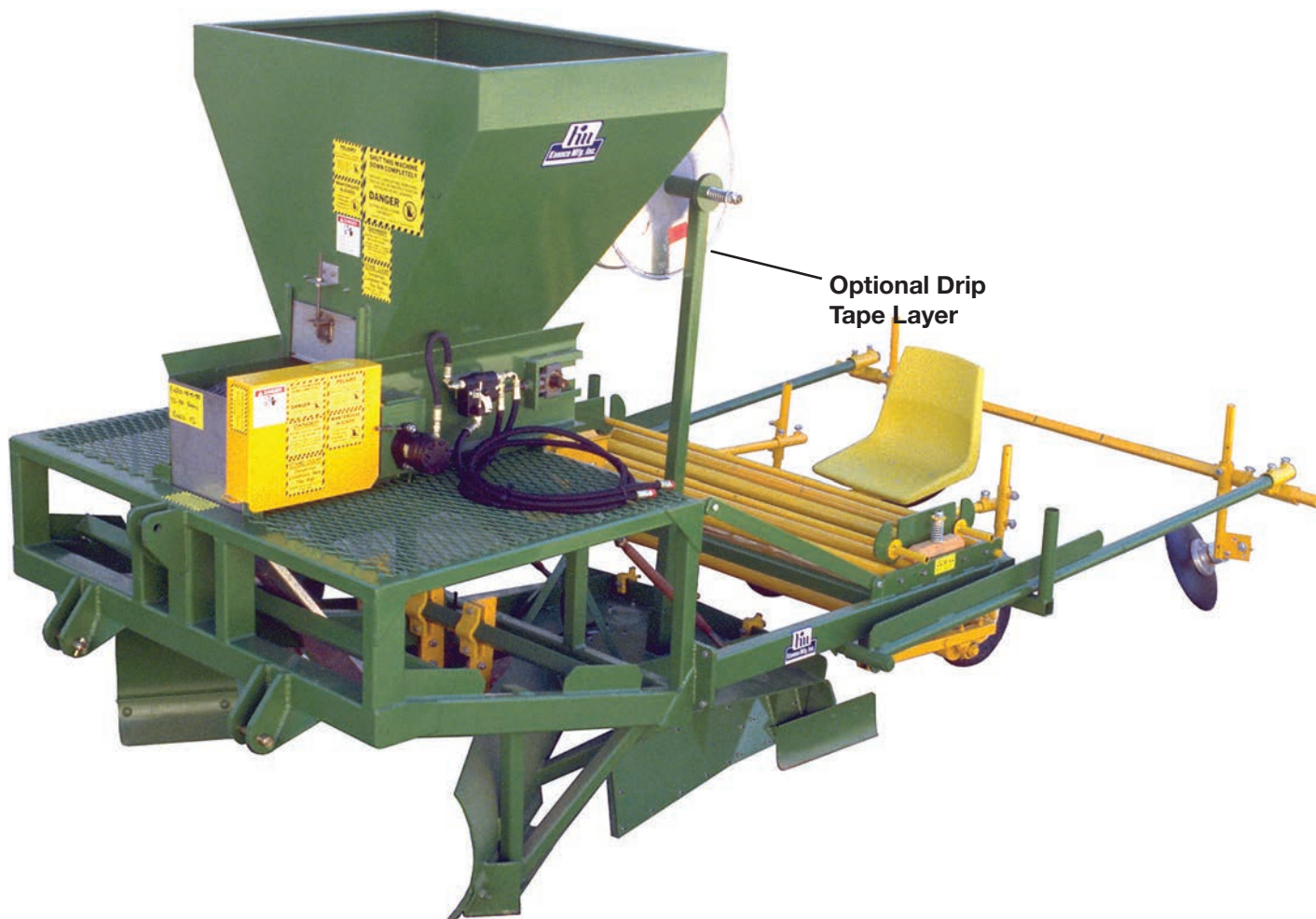
- Combination machines are usually longer and larger than individual superbedders and mulch layers. This means that they are less suitable for fields with uneven terrain.

**With a skilled operator and good field conditions, combination machines can be a tremendous tool to keep production costs low.**

## COMBI-SUPERBEDDER

Our combi-superbedder consists of a superbedder frame with a 600 or 1300 lb fertilizer distributor and a high speed plastic mulch layer. We have options to fumigate the bed and lay drip irrigation tape as well.

No other machine can do all of these functions at once. In just one pass through a field you can form a solid planting bed, fumigate, fertilize, lay drip tape, and lay plastic mulch!





# BEDDER/MULCH LAYERS - COMBINATION UNITS

## MICRO-COMBO SUPERBEDDER

Our micro-combo allows a small Category I tractor to form a raised bed and cover it with plastic in a single pass. We have options to fumigate the bed and lay drip tape as well

### FEATURES:

- Lighter weight, but durable welded steel construction.
- Holds one roll of plastic.
- Does several operations in one pass, saving time and labor.
- Ideal for smaller tractor and up to 20 acres.

### Optional Equipment:

- Boats or Press Pan.
- Drip Irrigation Tape Layer.
- Fumigation Gas Knives.



## MINI-COMBO SUPERBEDDER

Combination machines form a raised planting bed and cover it with plastic much in the same pass. This saves time, labor, and tractor fuel.

With a skilled operator and good field conditions, combination machines can be a tremendous tool to keep production costs low.

### MINI-COMBO SUPERBEDDER

Our mini-combo machine is very popular, we recommend this machine for farms with field up to 50 acres. It forms a quality planting bed equal to our superbedder, but on a smaller frame.

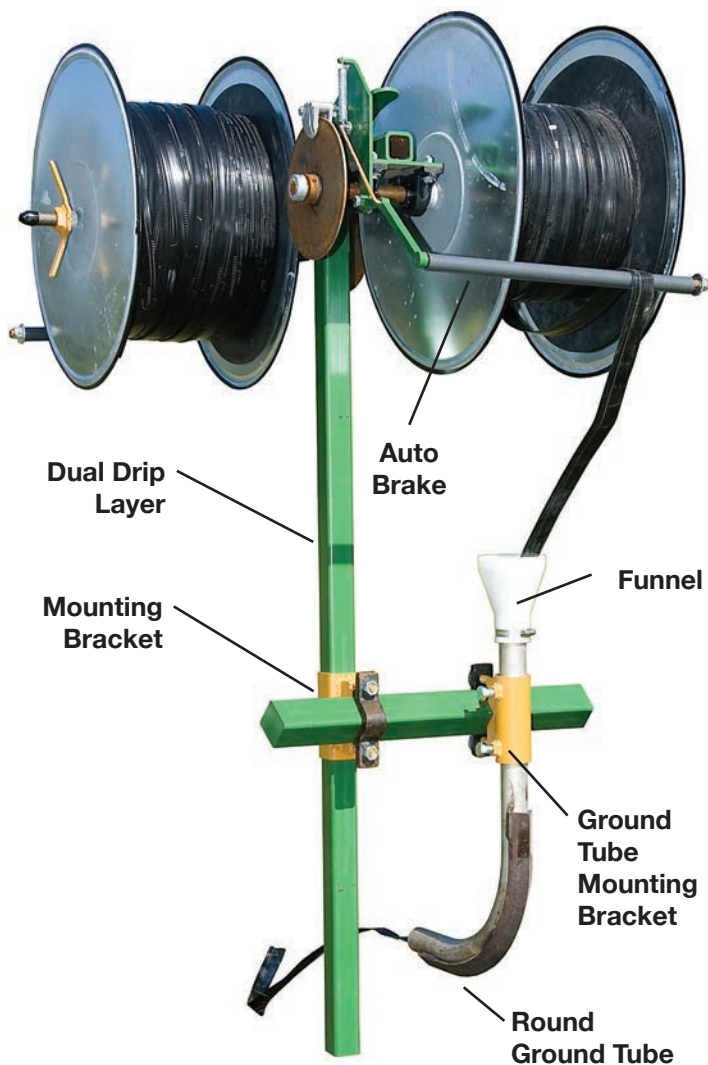
**There are several attachment options for these machines, please call sales for more information.**





# PLASTIC MULCH LAYERS - OPTIONS

## IRRIGATION DRIP TAPE LAYER WITH AUTO BRAKE



Laying your dripper line properly is essential for the success of your crop. Kennco's Drip Irrigation Layer will ensure you do just that.

We have single and double drip layers available as well as necessary accessories to keep your drip line from tearing.

### FEATURES:

- Automatic brake system to prevent over travel or spooling of the line during starts and stops.
- Single and dual roll models
- Works well with thin walled dripper line as well as all other types of drip line
- Spindle and galvanized side plates accept all styles of drip irrigation line.
- EZ-Load feature turns spindles for easier loading and for quick change between tape rolls.

### ACCESSORIES SOLD SEPARATELY

- Mounting brackets for the stand and ground tube slide sideways to position irrigation tape on the planting bed.
- Heavy duty UHMW funnel guides the drip tape into the ground tube and protects the tape/line from snagging on sharp edges
- Ground tubes are stainless steel and include wear guards for longer life.
- Ground tubes position the drip tape on or below the surface of the bed before the plastic mulch is applied.
- Round ground tubes allow the drip tape to pass freely with minimal interference and no corners to tear the emitters
- Inserts for the bottom of the Round Ground Tubes to ensure the tape lays flat on the bed.

*When laying dripper line it is important that you:  
Do NOT exceed 4 MPH when laying it.  
Do NOT allow the dripper line to pass through anything  
with a sharp or jagged edge.*

## PARTS

The parts we put on our equipment are available as replacements parts in our parts department.

In addition to parts for Kennco products, we have a wide variety of common parts used on agricultural equipment.

**We make every effort to keep most items in stock. If you need an item we don't have we can get it for you quickly at a competitive price.**





# TRANSPLANTERS

## TRANSPLANTERS - GENERAL INFORMATION

All Kennco transplanters are reliable, versatile and very simple. They are mostly used to set transplants through plastic mulch, but can also be used on uncovered planting beds or bare ground.

### FEATURES AND OPTIONS

- Single to multiple row options
- Heavy steel for longevity
- Seats for workers to set plants
- Floating wheel frame
- 200 gallon poly tank
- Water controllable by rider
- Tray rack options
- Ability to hold multiple punch wheels

### OPTIONS AVAILABLE:

- 200 gallon poly tank for water or fertilizer mixture.
- Horizontally floating wheel frames to ensure perfect alignment on the planting bed.
- Extra tray racks can be added to carry more trays, and to stack empty trays so they aren't left in the field.
- Double seats can be added for more workers planting.
- Several punch wheel types are available.
- Fixed wheel frames or horizontally floating



Our standard single bed transplanters are supplied with two seats for workers and a wheel frame which holds 1, 2, or 3 punch wheels.

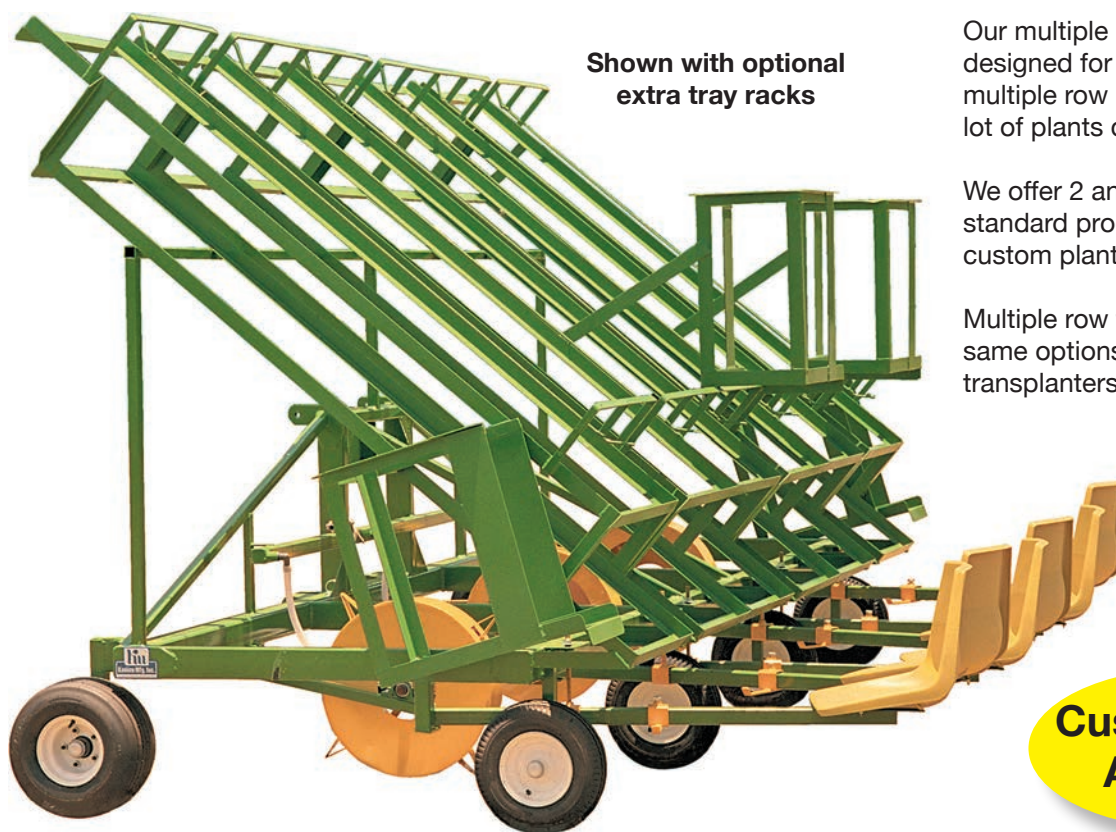
**Wheels are sold separately.**





# TRANSPLANTERS - MULTI-BED & HOLE PUNCHERS

## MULTIPLE BED TRANSPLANTER



Shown with optional  
extra tray racks

Our multiple bed transplanters are designed for large farms that use multiple row bedders and need to set a lot of plants quickly.

We offer 2 and 3 bed transplanters as standard products, and can also build custom planters to your requirements.

Multiple row transplanters have the same options as our single bed transplanters.

**Custom Sizes  
Available**

## HOLE PUNCHERS

Our hole puncher is a simple three-point mast that accepts a floating wheel frame. The side wheels keep the puncher centered over the planting bed and allow the punch wheels to ride over the top of the bed and can be used with 1, 2 or 3 punch wheels.

Our multi-row hold puncher is popular for planting on extra-wide beds, and punching more than 3 rows of holes. It can take up to 8 punch wheels.



PS439

Shown with optional  
narrow wheel frame.

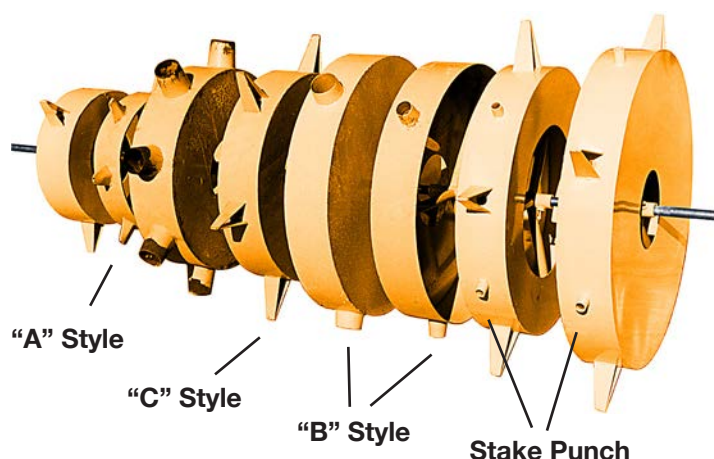


PS437



# TRANSPLANTERS - WHEELS & WHEEL FRAMES

## TRANSPLANTER PUNCH WHEELS



Dry Wheel



Water Wheel

Transplanter wheels punch through plastic mulch to make holes suitable for nursery transplants. Some wheels also water and fertilize the hole to reduce stress due to transplanting.

### PUNCH STYLES



Our "A" style punch is used on dry punch wheels. It punches through plastic mulch and makes a diamond shaped receiving hole. This punch is popular for setting bare root transplants.



Our "B" style punch is for transplants from pots. It punches through plastic mulch and removes a round plug of soil. The punch is tapered so the soil packed into it drops out as the wheel rolls. An angled slide under each punch guides the soil out of the wheel.



Our "C" punch is for nursery tray plants. It makes a square hole that tapers to a point at the bottom. It does not remove soil. It can be used on wet or dry wheels. When used on a water wheel, its design allows water to enter the receiving hole.

### Specifying Your Punch Wheel

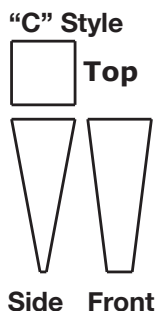
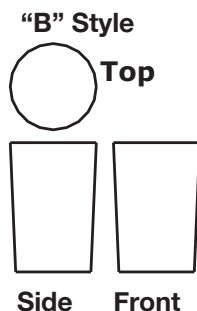
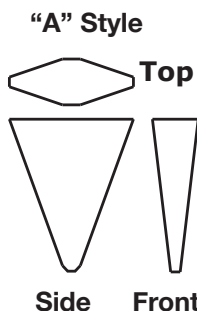
1. How many rows of plants on your bed? Each row requires a punch wheel. If more than one row, what is the spacing between the rows of plants?

2. What is the distance between plants within each row? Planting closer than 4" can cause the plastic to rip along the line of punches. Punches that are too close together may also ride on top of the planting bed instead of punching into the soil. Due to wheel slippage, soil moisture, soil conditions, and other factors, we cannot guarantee plant spacing to an exact dimension. You can expect actual plant spacing to be within 1" of the dimension requested. The distance from punch tip to punch tip with a flexible tape is very close to your hole spacing in most soils.

3. Which style punch and what size? The punch needs to be large enough for the plant to fit, but not oversize. Check the cell size on your planting trays or pots to size your punch. As a rule of thumb, the punch should be 1/2" wider and 1" deeper than the cell. The oversize punch allows room for the hole sides to slide a little before the transplant goes in.

Example: for a cell size 1 1/2" wide by 3" deep, pick a punch 2" wide and 4" deep.

### Shapes of Punched Holes Top, Front, and Side Views



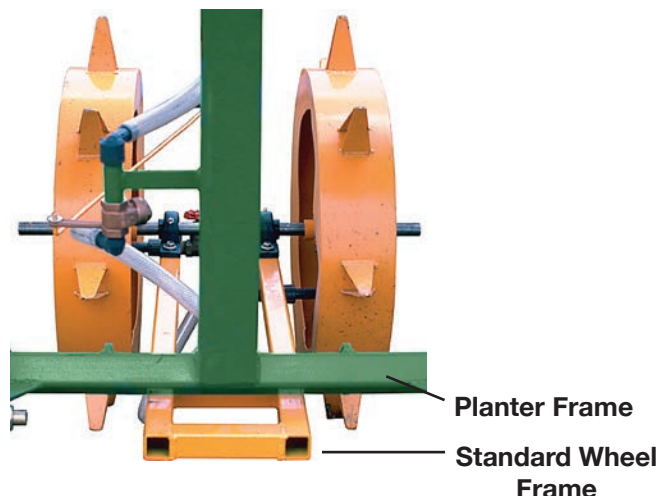
**Stake marking or offset pollinator punches can be added to punch wheels. Call our sales department for help with wheel specifications.**



# TRANSPLANTERS - WHEELS & WHEEL FRAMES

## TRANSPLANTER WHEEL FRAME

We offer several wheel frame styles for our transplanters to give flexibility in wheel setup. Wheel frames are hinged to the planter frame front rail and are replaced by simply pulling the hinge pin.



Floating wheel frames keep the punch wheel centered on the planting bed. Gauge wheels run on the side of the bed to position the floating wheel frame. The frame slides on the hinge pin for perfect centering. Floating wheel frames are especially helpful on multiple row transplanters or where beds are not perfectly straight and evenly spaced.

Call our sales department for a custom solution if you need more than 3 wheels on a bed.

PART #	DESCRIPTION
59091	Wheel frame kit standard 1,2,or 3 wheels
59092	Wheel frame kit standard narrow 2 wheels
59093	Wheel frame kit floating 1,2,or 3 wheels
59094	Wheel frame kit floating narrow 2 wheels
59103	Planter wheel axle 12" - 1 wheel
59104	Planter wheel axle 30" - 2 or 3 wheels
59410	Planter wheel axle 36" - 2 or 3 wheels

## TRANSPLANTER EXTRA TRAY RACKS



Plant tray racks are often added to our transplanters so they can carry many more plant trays in the field. This reduces trips to reload. Trays full of seedlings are within easy reach of the workers riding the transplanter, who simply pull them from a gravity-fed rack.

Empty tray receiver racks are also available to carry empty trays out of the field.

PART #	DESCRIPTION
59001	Plant tray rack
59002	Empty tray receiver rack
BL2220	Planter Tray Rack (not shown)

## TRANSPLANTER DOUBLE SEAT FRAME



A transplanter's limit on production is the rate at which workers can set plants in a bed. One way to increase production is to add more workers.

Our double seat frame kit allows four workers to set plants in a single bed, two workers on each side.

PART #	DESCRIPTION
60122	Double seat frame kit (set of 2)
60015	Planter seat



# SPRAYERS

## SPRAYERS - GENERAL INFORMATION

STANDARD TOWED SPRAYER FEATURES	OPTIONS
Galvanized frame, chassis, gantry, and booms.	Painted frame and chassis.
Oversized single axle.	Dual-wheel walking beam axles.
Flotation tires on 6 ft row centers. They are 15" wide, and give our sprayers about 18" ground clearance.	Narrow profile tires are 10" wide & give about 24" ground clearance.
9,000 lb capacity jack stand	
Gantry mount at front of sprayer. Booms fold away from tractor. Driver has good view of boom position & spray application.	Rear mounted gantry.
Custom booms and gantry. Booms are built to match your row centers in suspended or lift-up style.	Hydraulic fold and level kits.
Spray booms are high enough to clear tall plants, and available in a variety of lengths for different row spacings.	
Catwalk for easy, safe access to the top of the tank.	Dual catwalks.
400 to 2000 gallon fiberglass tank. 1200 gallon is most popular.	
Quick-coupled siphon fill for tank filling.	Pre-mix tank.
Mechanical agitation plus an eductor nozzle on the bypass line to recirculate flow to the tank.	
Stainless steel plumbing pipes & 800 psi hose.	
Comet or Hypro diaphragm spray pump.	Other pump brands are available.
Manual on-off and pressure regulating spray controls.	Electric spray controls.



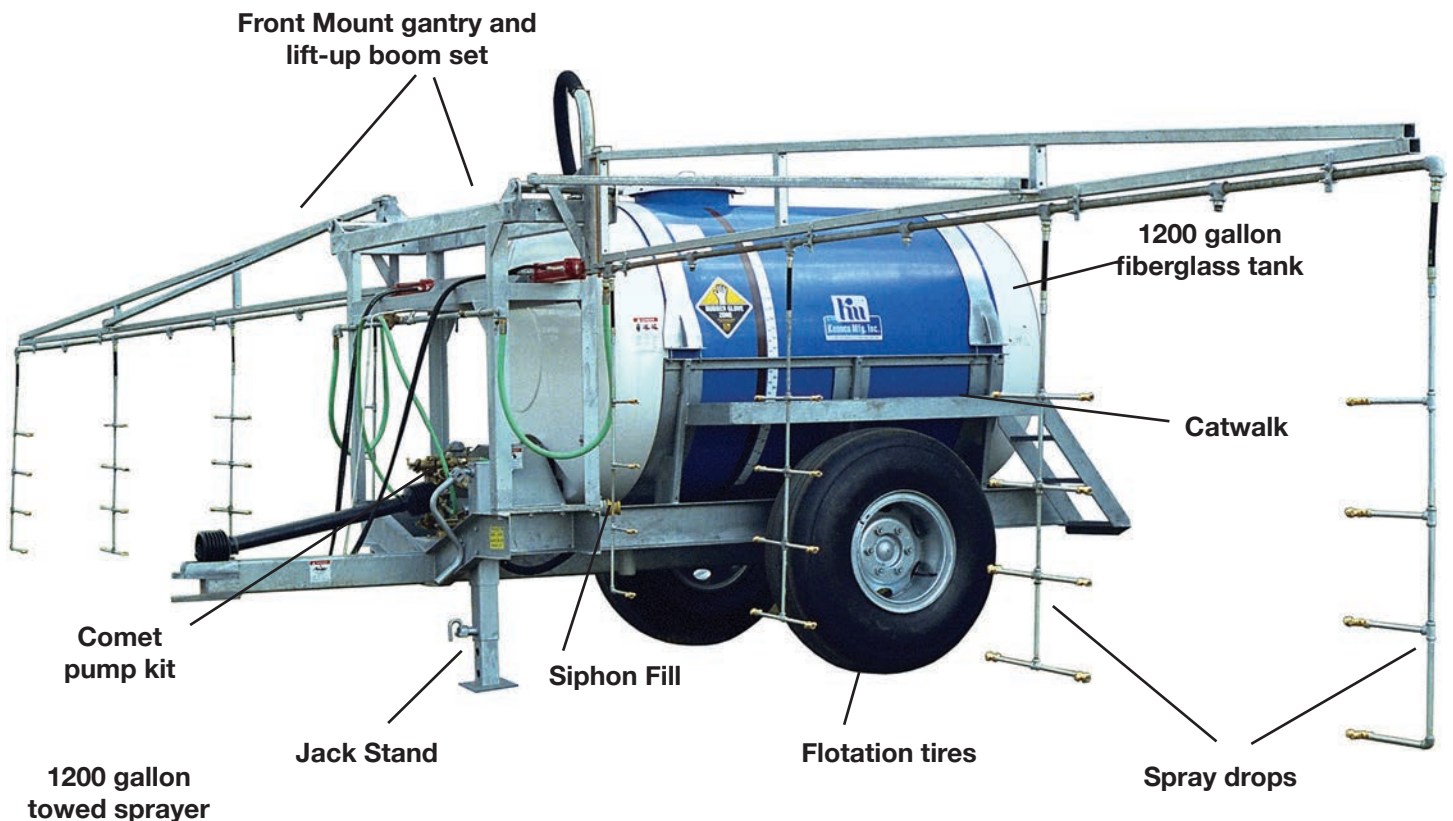
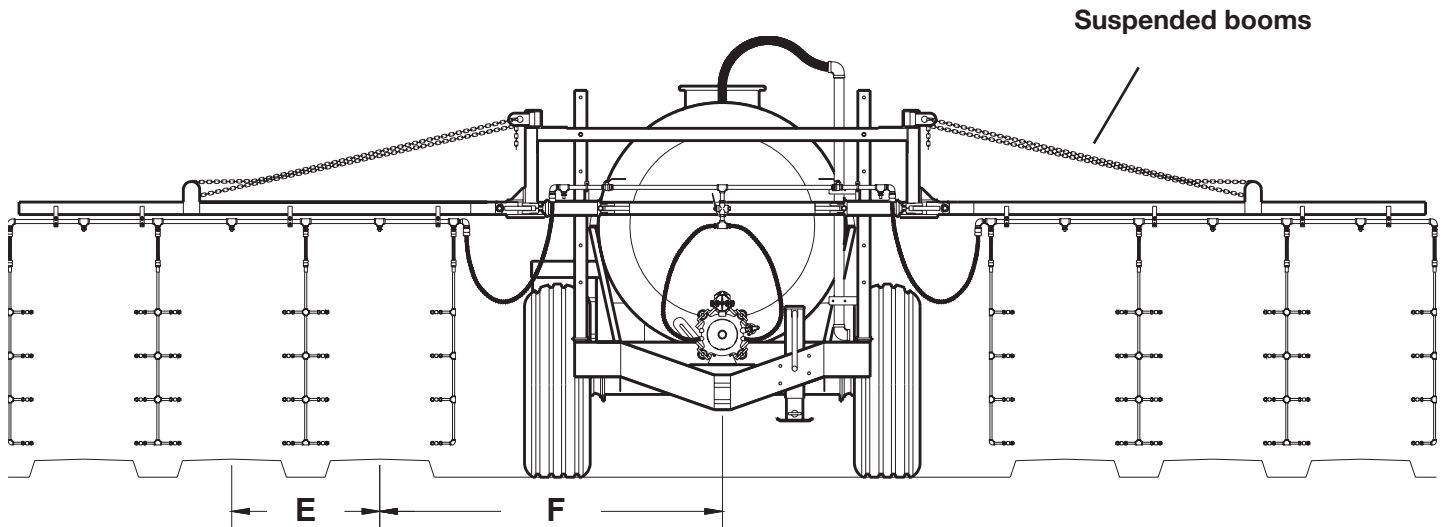


# SPRAYERS - GANTRY & BOOM STYLES

## SPRAYERS BOOMS - ORDERING CONSIDERATIONS

The following information is needed to build a spray boom to fit your requirements.

- The distance from the center of the sprayer to the center of your first planting bed [F].
- The center-to-center distance between your planting beds [E].
- The number of planting beds you will spray on each side of your sprayer.
- Whether the sprayer will straddle a planting bed and require center spray, or be in a drive row.
- Whether you want to have your gantry mounted on the front of the sprayer (standard), so that booms fold to the rear, or on the rear (optional) with booms folding to the front.

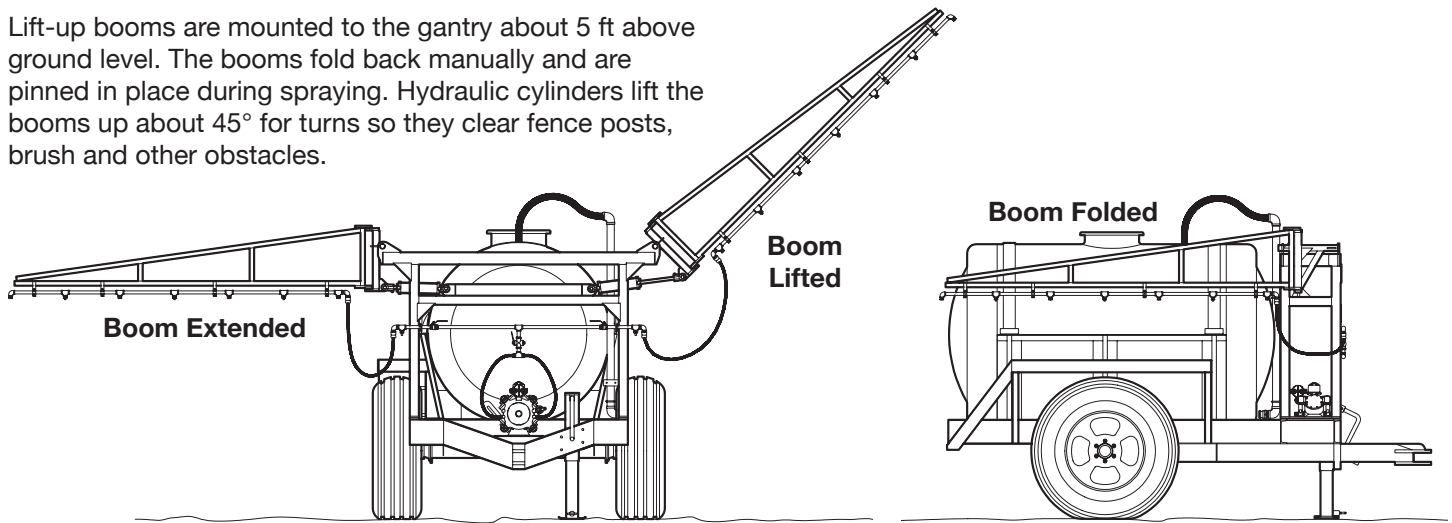




# SPRAYERS - GANTRY & BOOM STYLES

## GANTRY AND LIFT-UP BOOMS

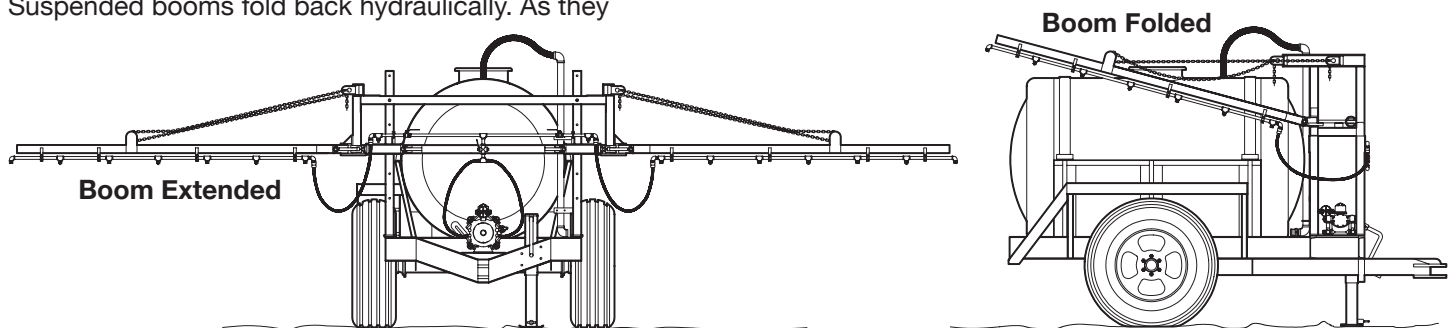
Lift-up booms are mounted to the gantry about 5 ft above ground level. The booms fold back manually and are pinned in place during spraying. Hydraulic cylinders lift the booms up about 45° for turns so they clear fence posts, brush and other obstacles.



## GANTRY AND SUSPENDED BOOMS

Gantries for suspended booms can be fixed or adjustable height, and raised and lowered manually or hydraulically. Suspended booms fold back hydraulically. As they

fold back, the booms tilt up about 15°. The booms are supported by heavy-duty chain.



## SPRAY BOOM OPTIONS

We offer option kits to add hydraulically powered fold back to our lift-up booms and hydraulic leveling to our suspended booms.

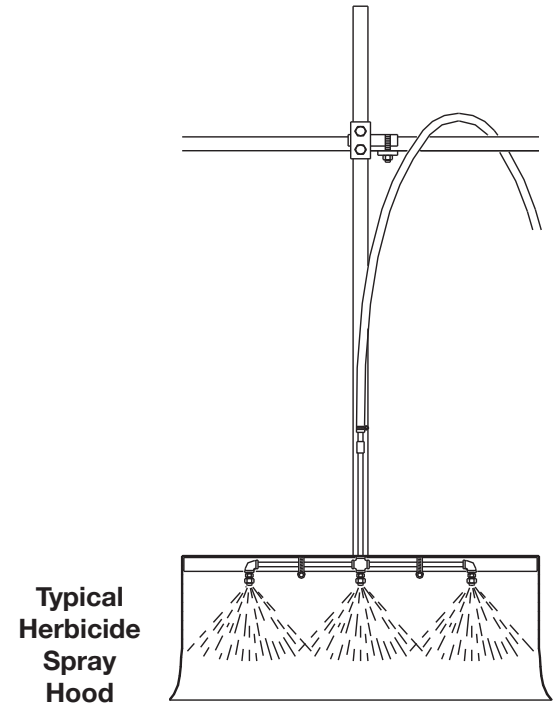
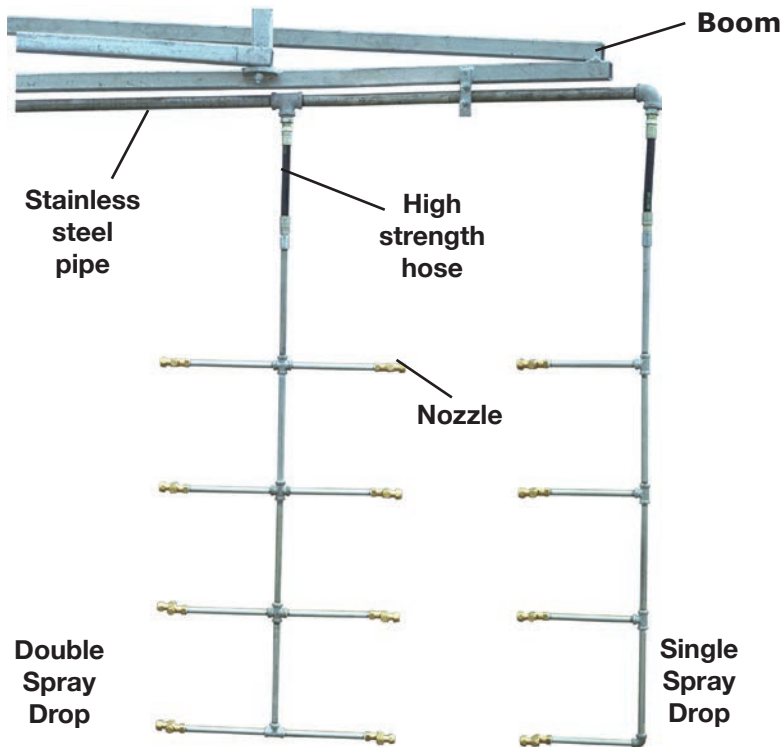
PART #	DESCRIPTION
24525	Hydraulic fold back kit for lift-up booms
SM110	Hydraulic level kit for suspended booms

Hydraulic level kit for suspended booms





# SPRAYERS - SPRAY DROPS, NOZZLES & TIPS



Our standard booms have stainless steel pipe plumbing. We weld on ¼" or ½" couplings to match your bed spacing.

Our standard spray drops are stainless steel pipe with brass nozzle bodies and TeeJet disc-core nozzles. A high strength hose allows the drops to move when they hit obstacles and hang straight down when the booms are raised. Standard drops have four nozzles on each side spaced 8" apart.

For broadcast application, nozzle bodies are mounted directly into the boom couplings.

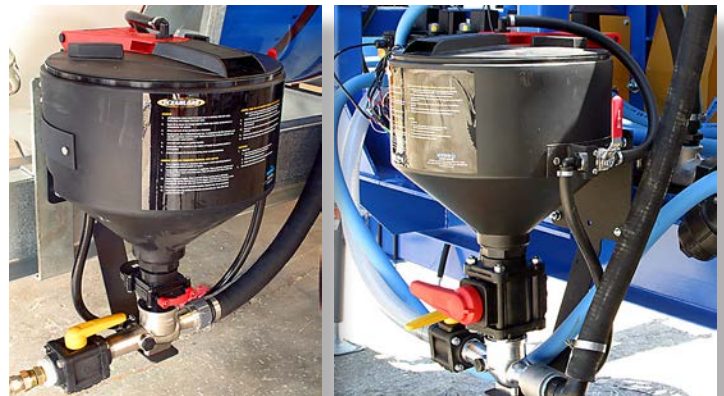
Our herbicide spray hoods apply herbicide in the row middles between your planting beds. They mount to the boom and use hose to connect to the boom plumbing. Hood fabric can be rubber or cloth. Hoods are custom sized to match your row middle.

PART #	DESCRIPTION
SM375SS	Single spray drop ¼" pipe, stainless
SM380SS	Double spray drop ¼" pipe, stainless
SM382SS	Single spray drop ½" pipe, stainless
SM384SS	Double spray drop ½" pipe, stainless
24545	Spray drop end stabilizer assembly
24546	Spray drop mid stabilizer assembly
SM359	Herbicide drop assembly

## PRE-MIX TANK

A pre-mix tank can be added to any sprayer for a safer way to mix chemicals. Pesticide is mixed in a small tank at ground level, then siphoned into the main spray tank. This system is faster and safer than climbing on a sprayer and dumping chemicals into the top of the tank. For new or old sprayers.

PART #	DESCRIPTION
SM441	Pre-mix tank assembly



# SPRAYERS - PUMPS & AGITATION

## SPRAYER PUMPS



**Typical pump installation**

Kennco sprayers are used in applications that need higher spray pressures and volumes. They use large diaphragm pumps.

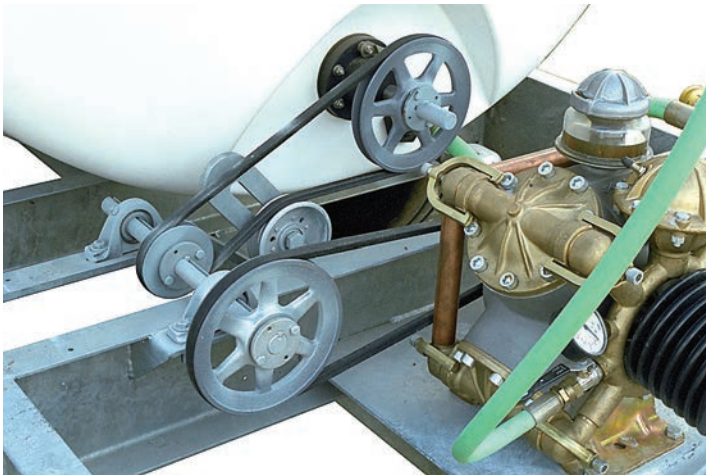
Pumps are powered by the tractor's PTO, and have a manually adjustable pressure regulating valve mounted on the pump. The valve directs flow to a bypass line to control your spraying pressure, even when boom sections are shut off.

We offer Comet and Hypro pumps on our sprayers which are extremely reliable. With proper maintenance, they last for years. Repair parts are readily available and reasonably priced.

We recommend spraying pressure from 150 psi to 400 psi. Constantly spraying at higher pressures will reduce pump life. If you want to spray at lower pressure, additional bypass lines can be installed on the sprayer, or you can choose a different type of pump.

### DIAPHRAGM PUMP FEATURES

- Self-priming
- Includes automatic oiler with sight gauge, surge damper, and pressure regulator.
- Excellent handling of abrasive and corrosive materials. Synthetic diaphragms separate the spray material from the piston chambers.
- Positive displacement means flow is directly related to pump speed.
- Consistent flow rate and pressure over time.
- Metal pistons with automotive type piston rings.
- Smooth rotary action
- Oil can be changed without removing pump from the sprayer.
- Only basic tools required to replace diaphragms.
- Lower cost than old style leather piston pumps.



**Agitation drive mechanism  
(Guard removed for clarity)**

## AGITATION



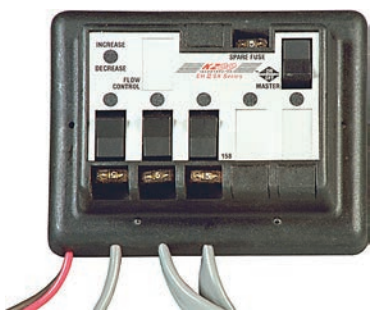
**Agitation inside tank.  
Note black eductor nozzle at left.**

Standard on towed sprayers, a stainless steel shaft and paddles are driven by the pump PTO shaft to agitate our tanks. The system is easy to maintain and very reliable. Two paddles are mounted in each baffled tank section. Additional tank baffles are available.



# SPRAYERS - ELECTRIC VALVES

## ELECTRIC VALVES



**Remote electric switchbox**



**Motorized ball valve**

Manual on-off and pressure regulating valves are standard components on Kennco sprayers.

We strongly recommend our optional electric on-off and pressure regulating valves because they make spraying safer and more efficient. Electric valves let the spray operator adjust the sprayer on-the-fly and focus more on driving the tractor.

Electric valves are controlled with toggle switches in the cab of the tractor. They are powered by the tractor's 12 volt system. Our electric valves are rated for up to 800 psi, so they hold up to the spray pressures common in vegetable production.

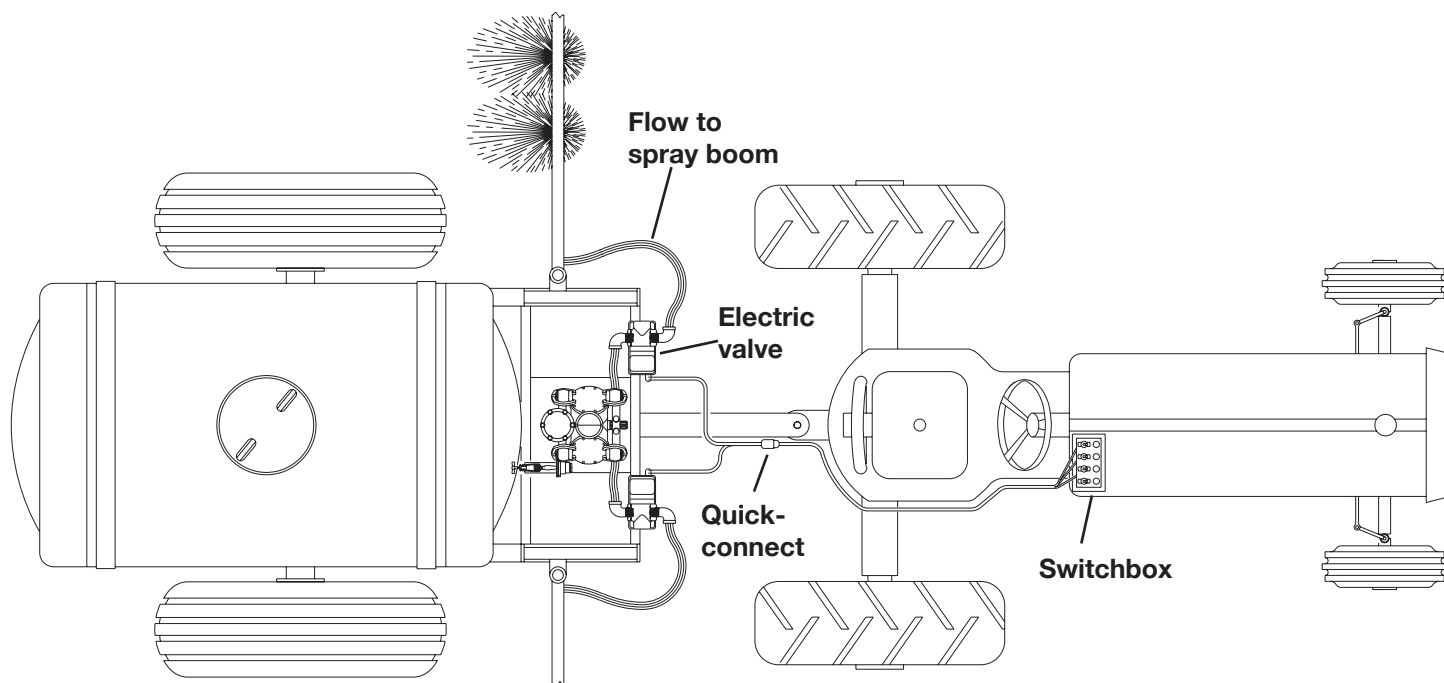
We can put electric valves on your new sprayer. We also have kits to retrofit your existing sprayer.

### PART # DESCRIPTION

SM421	Electric valve kit installed on new sprayer, single valve control, on-off only
SM420	Electric valve kit installed on new sprayer, 2 valves, left and right, on-off only
SM431	Retrofit electric valve kit for existing sprayer, single valve, on-off only
SM430	Retrofit electric valve kit for existing sprayer, 2 valves, left & right, on-off only
SM433	3rd valve option for sprayer plumbed with center spray option

### SPARE PARTS

70025	2-way electric motorized ball valve, on-off
70026	Electric pressure regulating valve
SM436	Remote electric switchbox for single valve
SM435	Remote electric switchbox for double valve
SM437	Remote electric switchbox for triple valve



# SPRAYERS - RELATED EQUIPMENT

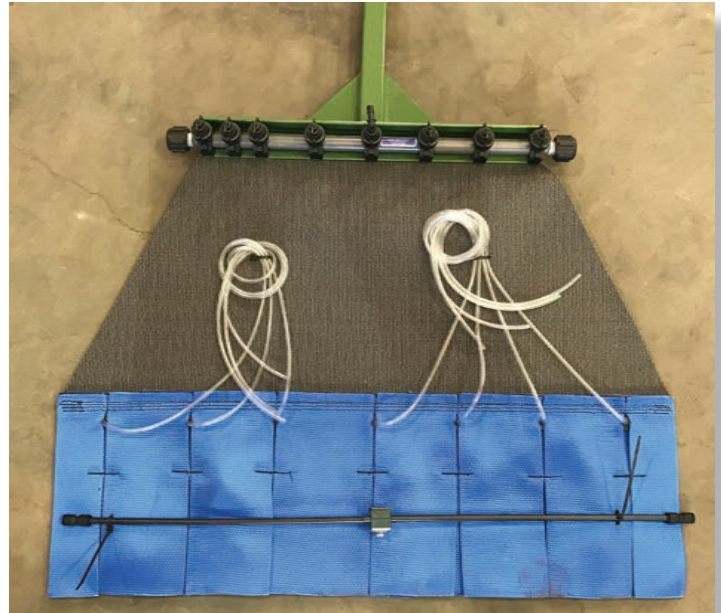
## WEED WIPE



Weed Wipe

Our Weed Wipe pumps herbicide onto the blue nylon fabric wipers to saturate them. As you drive through the field, herbicide is wiped onto the surface of weeds. The wiping process gives excellent application control with no drifting onto your crop.

Kennco custom builds each weed wipe to fit your specific need, whether you are weeding an entire field or just your row middles.



### FEATURES:

- Kills weeds without damaging your crop.
- Economical - herbicide is applied only where it is needed.
- Works in windy conditions.
- Customized for your bed width and spacing.
- 200 gallon tank standard.  
Custom sizes are also available.

## DECONTAMINATION STATION



Our decontamination station is designed to help you keep workers safe and comfortable in the field.

### FEATURES:

- 200 gallon fresh water tank
- Stainless steel sink with three faucets
- Self contained eye wash station
- Soap dispenser
- Plastic storage cabinet for supplies
- First aid box (supplies not included)
- Garbage can holder
- Full body emergency wash station
- Platform for porta potty (customer supplied)
- Used water collection tank
- Towable to move from field to field

Custom options are available. It can be towed behind any tractor, pickup truck, or vehicle for movement from field to field. Chassis is not for highway transportation. Consumables are not included.



# CLEANUP TOOLS - PLASTIC BALERS

## BALER-200



### Portable Plastic Baler

#### FEATURES INCLUDE:

- Three point hitch
- 40"x40"x40" finished bale size
- 1,000 lb. finished bales
- 12 gauge tie off wires
- Quick tie & eject
- Powered by tractor's hydraulics



The BF-200 is your complete solution for plastic baling. This unit bales a wide range of materials including mulch film, greenhouse film, drip-tape, nursery pots, silage covers & other types of plastics. This baler quickly hooks up to a three point hitch and starts baling within minutes. For ease of operation, the baler loads from both sides, allowing workers to quickly fill the baler. The BF-200 will bale 3000-4000 lbs. per hour and makes a bale that is 40" x 40" x 40", perfect size for stacking two high in a shipping container or truck.

**BIGFOOT**

## BALER-400



### Portable - Self Contained

#### FEATURES INCLUDE:

- Designed for greenhouse film
- Nip rollers feed plastic into bale chamber
- 20 HP, 4-Stroke Honda engine
- Electric start
- 20 GPM @ 2500 PSI hydraulic pump
- 50 gal hydraulic tank
- Tandem torsion axles
- Electric brakes
- Simple controls
- 40"x40"x40" finished bale size
- 1,000 lb. finished bales
- 12 gauge tie off wires

**BIGFOOT**



The BF-400 was built for one thing, baling Greenhouse Film. This baler has a set of nip rollers that pulls the plastic right off the houses and bales it without it ever touching the ground. This helps to make the baled material more profitable as clean film fetches a premium price per pound at the recyclers. This allows the baler to pay for itself after just a season or two!



# CLEANUP TOOLS - STAKE PULLER

## STAKE PULLER



Stakes are a big investment. Our stake puller keeps breakage to a minimum. Its double chain is angled and timed to match the tractor speed. The chain grabs the stake and pulls it straight up from the soil for the least possible breakage. Once a stake is pulled from the soil, it is dropped into a hopper for bundling. The bundles of about 1000 stakes are usually dropped at the end of a row.

Custom row centers and stake sizes are available. You will find that a stake puller pays for itself in a single season due to its speed, labor saving, and reduced stake breakage.

**Call Our Parts  
Department For  
Strapping & Buckles.**

**You Tube**



# CLEANUP TOOLS

## BED MOWER



Our bed mower cuts plants and weeds from your bed top after harvest. This makes it easy to remove plastic mulch or plant a second crop.

### FEATURES:

- Rigid large diameter mowing drum shreds vines.
- Reversible blades double run time between sharpening.



- Adjustable gauge roller keeps blade height just right.
- Adjustable height support tires.
- Durable PTO powered gearbox drive.

## PLASTIC MULCH RETRIEVERS

The increasing emphasis on recycling plastic mulch and reducing field labor makes Kennco plastic mulch retrievers even more effective money savers.

Our plastic mulch retrievers lift, roll, and dump old plastic mulch and drip tape in one pass. Only two workers are needed. The side coulter blades run along the edge of the buried plastic and slice the weeds and other trash that hold it down. The plow points lift the plastic from the soil and loosen the soil and weeds on it. Hydraulically driven cones roll up the plastic and shed trash. The cones separate to drop the rolled plastic where you want it.

An optional center coulter can slice the mulch into two pieces.

### FEATURES:

- Stainless steel cones are durable and prevent plastic from sticking.
- Holds up to 6000 linear feet of plastic mulch for faster removal.
- Drops plastic in a compact and easy to remove roll.
- Adjustable plow points and coulters to work in almost any environment
- Precision hydraulic control of drum speed.
- Updated hydraulics prevent operator from moving cones while they are rotating, to protect motor and cone couplers.

We offer a hydraulic update kit for older machines.



Dropping Roll of Plastic



# CLEANUP TOOLS - MULCH LIFTERS

## PLASTIC MULCH LIFTER

Our plastic mulch lifter is used to help remove plastic from the field. The side coulters blades run along the edge of the buried plastic and slice the weeds and other trash that hold it down. The plow points lift the plastic from the soil and loosen the soil and weeds on it. This leaves the plastic lying loosely on top of the planting bed and easy to pick up for disposal.

An optional center coulters can slice the mulch into two pieces. The coulters and plow points are adjustable to fit most planting beds.

We also offer a mulch lifter with propane burners. It uses 2,000,000 BTU burners to vaporize the mulch as it is lifted from the soil. This is an excellent way to dispose of the mulch in the field.



**Our mulch lifters are also available as multiple row units.**



# EQUIPMENT SUMMARY



**GROUND PREP EQUIPMENT**

## Ground Prep Equipment ..... Pages 5-7

- Level Boards
- Box Scrapers
- Bedding Disks
- Bed Buster



**SUPERBEDDERS**

## Superbedders ..... Pages 8-12

- Multirow
- Many add-on options



**FERTILIZER DISTRIBUTORS**

## Fertilizer Distributors ..... Pages 13-15

- Stainless Steel, or cold rolled
- Multirow options
- Towed or add onto superbetter



**PLASTIC MULCH LAYERS**

## Plastic Mulch Layers ..... Pages 16-21

- Multirow
- Many add-on options



**TRANSPLANTERS**

## Transplanters ..... Pages 22-25

- Multiple configurations



**SPRAYERS**

## Sprayers ..... Pages 26-32

- Galvanized frame
- Fiberglass tanks
- Chemical platform
- Hydraulic lifting gantry and folding booms (optional)
- Multiple optional features



**CLEANUP EQUIPMENT**

## Cleanup Equipment ..... Pages 33-36

- Stake puller
- Plastic lifter
- Plastic retriever
- Bed mower
- Plastic Lifter /Burner
- Plastic Baler
- Bed Buster

**Call Us With Any Questions, 813-645-2591**



# CUSTOM FABRICATION

## CUSTOM FABRICATION & MANUFACTURING

In addition to making a complete agricultural product line, Kennco is also an industrial fabricator and custom manufacturer. We can provide you with a wide variety of custom fabricated and machine parts.



- Metal Fabrication • Precision Machining • Shape Cutting
- Certified Welding • Engineering Support



We also refurbish equipment for our customers. If you have any old pieces of equipment, whether a Kennco Product or not, we can refurbish it so it works like new.

## PACKING HOUSE SOLUTIONS

Walkways, handrail, stairs, platform, conveyor assemblies, machine supports, brackets, hoppers, chutes, skids, super sack racks, shafts, drums, rollers, bins, wash tanks, standoffs, bearings, flanges and many more!!



# PARTS

## PARTS

Parts staff has over 33 years of experience to help with your needs!



- Tillage tools including sweeps, discs, blades and knives
- PVC, steel, galvanized and stainless steel plumbing fittings
- Sprockets and chain
- PTO shafts, u-joints and yokes
- Hydraulic hose, fittings, motors, pumps, flow controls, valves, cylinders and repair kits
- Steel cut to fit your needs
- Sprayer components, nozzles, discs, pumps strainers

**We make every effort to keep most items in stock.**

If you need an item we don't have we can get it for you quickly at a competitive price.



We ship UPS, FEDEX and motor freight to get items to you quickly and affordably.

**TeeJet**  
TECHNOLOGIES

subsidiary of  Spraying Systems Co.®

**TIMKEN**

 **HYPRO**

 **COMET**

**EATON** | Aeroquip

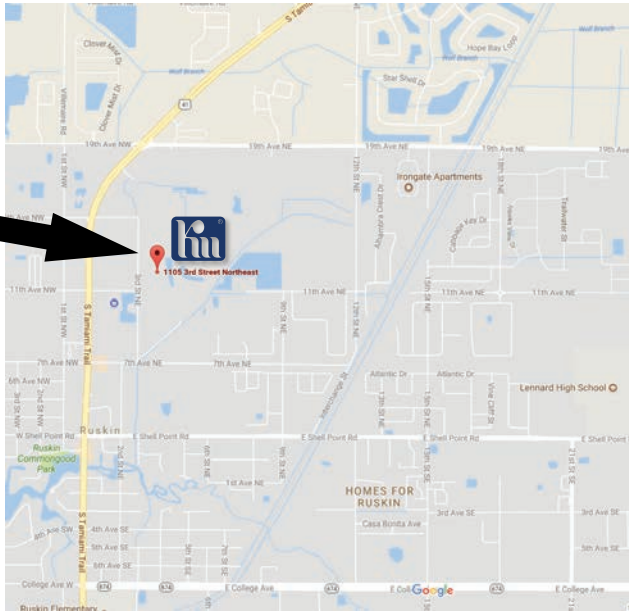
**Redneck**  
TRAILER SUPPLIES

**Char-Lynn**®

 **Parker**



**Our Parts Department is open  
Monday - Friday 7:00am - 4:30pm, call 813-645-2591.**



**Located at  
1105 3rd St. NE, Ruskin, FL 33570**

### **DIRECTIONS:**

#### **From Tampa, take I-75 heading South**

1. Take Exit 246 for Apollo Beach and S.R. 672.
2. At stop light, turn left (West) onto Big Bend Road (S.R. 672.) Go 1.5 miles.
3. At stop light, turn left (South) onto US. Highway 41
4. On US 41, go 5.6 miles to Ruskin's, 11th Ave NE
5. Turn left (East) on to 11th Ave NE.
6. Continue on block to stop sign, and turn left onto 3rd Street NE.
7. Turn right into Kennco's driveway.

#### **From Sarasota, take I-75 heading North**

1. Take exit 240 for Sun City Center and S.R. 674.
2. At stop sign, turn left (West onto S.R. 674. Go 3.0 miles
3. Turn right (North) onto US. Highway 41.
4. On US41, go 1.0 miles to 11th Avenue NE.
5. Turn right (East) onto 11th Avenue NE.
6. Continue on block to stop sign, and turn left onto 3rd Street NE.
7. Turn right into Kennco's driveway.



## **Kennco Manufacturing, Inc.**

1105 3rd St. NE, | Ruskin, FL 33570

P.O. Box 1158 | Ruskin, FL 33575

800-645-2591 \* Fax 813-645-7801

Sales@KenncoMfg.com | [www.KenncoMfg.com](http://www.KenncoMfg.com)



**Check out our latest product videos at [www.KenncoMfg.com](http://www.KenncoMfg.com)!**