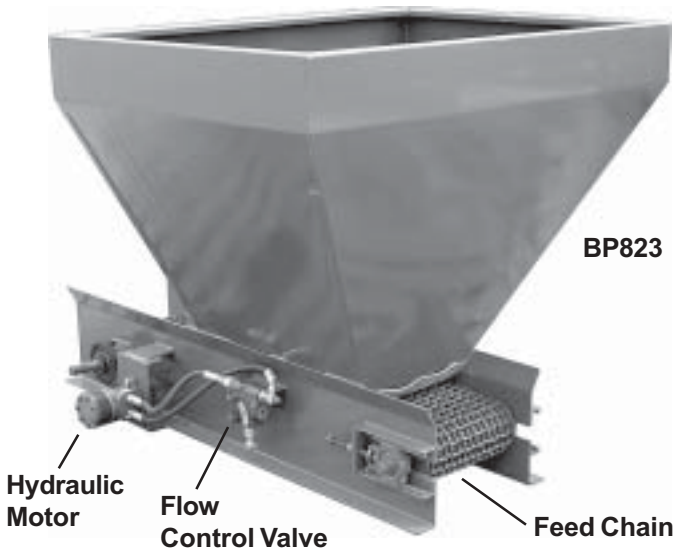




Fertilizer Applicators - Options for Bed Shapers

FERTILIZER APPLICATORS FOR BED SHAPERS



BP823

We also make a bandcast catch hopper and distributor which spreads the fertilizer across the top of the bed evenly instead of in a line.

When ordering a fertilizer hopper with a superbedder, it is important to specify whether to feed fertilizer into the throat of the press pan, which mixes the fertilizer with the soil, or behind the press pan onto the formed bed. Placing the fertilizer into the soil as it is rolled and mixed gives the benefit of mixing, but reduces control over placement. Most of our customers prefer precise placement.

Our fertilizer hoppers are constructed of stainless steel or 16 gauge hot-rolled steel that is cold-galvanized before painting.

One option that separates Kennco's superbedder from all others is that our frame and superstructure are strong enough to add a dry fertilizer hopper. This allows the grower to apply fertilizer or other nutrients to the planting bed at the time it is formed. Our 600 lb (273 kg) and 1,300 lb (591 kg) hoppers fit on 1 bed superbedders. For multiple bed superbedders, we make hoppers that hold about 2000 lb (909 kg) of fertilizer per bed. For example, a 6000 lb (2727 kg) hopper fits a 3 bed superbedder.



Exit Door Adjustment

Fertilizer is delivered to the exit door by a stainless steel feed chain. A 6 in wide chain is used on our 600 lb (273 kg) hopper. 12 in chain is used on larger models. The fertilizer application rate is controlled by the feed chain speed and exit door opening height. A flow control valve on the hydraulic motor controls the chain speed. The exit door opening height is adjustable by a simple screw mechanism.

Part #	Description
BP808	600 lb (273 kg) hopper with 6 in feed chain
BP823	1300 lb (591 kg) hopper with 12 in feed chain
BP833	6000 lb (2727 kg) hopper for 3 bed superbedder with 12 in feed chains
BP959	Stainless steel 600 lb (273 kg) hopper with 6 in feed chain
BP960	Stainless steel 1300 lb (591 kg) hopper with 12 in feed chain
BP961	Stainless steel 6000 lb (2727 kg) hopper for 3 bed superbedder with 12 in feed chains
67910	Stainless steel, 1 tube, banding catch hopper
67920	Stainless steel, 2 tube, banding catch hopper
67930	Stainless steel, 3 tube, banding catch hopper
67937	Stainless steel, over the top (bandcast) distributor and hopper
55621	2 inch fertilizer grooving shoe for press pan
55622	3 inch fertilizer grooving shoe for press pan

When ordering the "bandcast" catch hopper and distributor, the customer must specify the exact width that they want to apply the fertilizer to the bed top. It is the customer's responsibility to ensure that they have enough tractor horsepower to lift and pull a superbedder with various sized fertilizer hoppers through the field. Kennco's sales department can only advise on horsepower requirements and can provide equipment weights and dimensions. Fertilizer capacity is approximate.

After going through the exit door, fertilizer falls into a stainless steel catch hopper for distribution on the bed. Catch hoppers are custom built for the application method desired. Fertilizer can be banded through 1, 2, or 3 tubes for exact placement in the bed. The tubes are adjustable from side to side to any position on the bed. They lay a line of fertilizer about 2-3 in (5-7.5 cm) wide. In most cases, banding tubes are used with "shoes" that are welded into the superbedder press pan. Each shoe makes a trench about 2 in (5 cm) deep and 3 in (7.5 cm) wide. When adjusted properly, the banding tube drops the fertilizer directly into this small trench in the top of the bed.

