

Farm Equipment Picture Index

Cultipacker		A cultipacker is essentially a textured roller that levels and lightly compacts the soil, breaking up dirt clods for a finer seed bed. It can be used to press seed into the soil after broadcasting seed over a field.
Subsoiler		A subsoiler penetrates deep into the soil to introduce air and water holding capacity below the topsoil without destroying soil structure or inverting soil layers.
Flail Chopper		A green flail chopper mows and chops green material with a fast spinning 'flail' or a series of knives hanging from a chain. The flails throw the green material up the shoot (see photo) and onto a wagon. This tool provides an easy way to harvest green mulch for vegetable crops.
3-Point Rake	o website	The three point rake is a giant comb that you can pull behind the tractor, lift, and tilt.

Disc Harrow	There are many types of harrow. A harrow is tool used to level and break up the soil, usually after plowing. A disk harrow, often referred to simply as a disc, slices and turns the soil slightly and can be used to incorporate many cover crops. It can replace a rototiller in many situations.
Bed Shaper	Many vegetable growers prefer to grow in raised beds. Bed shapers mound and smooth the soil in beds of different heights and widths.
Cultivating Tractor	Cultivating tractors tend to be small tractors with low horse power designed for maneuverability and visibility. While pull or three point type cultivators can be mounted to any tractor, cultivating tractors have 'belly mount' cultivators that mount under the tractor between the front and rear wheels in clear view of the operator.
Grain Drill	A grain drill is similar to a garden seeder like the Earthway seeder at the Farley Center. Instead of planting only one row, they plant many rows at once. Grain drills come in different lengths 8 and 10 feet are common, with row spacing 8 inches apart.

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Chisel Plow	A simple tool with no moving parts. It is used for initial tillage in a new field or following deep rooted cover crops. It digs deep (which is important), without disturbing soil structures or creating or hard panning beneath the tilled area of soil.
Transplanter	
Plastic Mulch Layer	Plastic mulch layers stretch and cover plastic mulch over a bed or row. Attachments allow for simultaneously punching holes for transplants or laying down drip tape.
Pallet Fork	A pallet fork attaches to the front of the tractor just like the bucket. The forks allow you to pick up pallets of goods. This is especially handy for bulk delivery of farm goods such as seed, fertilizer, etc.

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