

List of agricultural machinery

Main article: [Agricultural machinery](#)

Agricultural equipment is any kind of machinery used on a farm to help with farming. The best-known example of this kind is the tractor.



Tractor "Belarus 3022" from Minsk Tractor Works



Unimog with a flail hedge and verge trimmer implement used in agroforestry

1 Tractor and power

- Tractor / Two-wheel tractor
- Tracked tractor / Caterpillar tractor

2 Soil cultivation

- Cultivator (of two main variations)

- Dragged teeth (also called shanks) that pierce the soil.
- Rotary motion of disks or teeth. Examples are: Power tiller / Rotary tiller / Rototiller / Bedtiller / Mulch tiller / Rotavator

- Cultipacker
- Chisel plow
- Harrow (e.g. Spike harrow, Drag harrow, Disk harrow)
- Plow or plough { various specialized types }
- Stone / Rock / Debris removal implement (e.g. Destoner, Rock windrower / rock rake, Stone picker / picker)
- Subsoiler
- Rotator
- Roller
- Strip till toolbar (and a variation called Zone till subsoiler)

3 Planting



A plough in action in South Africa. Notice the soil being turned over.

4 Fertilizing & Pest Control

- Liquid manure/slurry spreader and Liquid manure fertilizer spreader (e.g. slurry tanker or Terragator)
- Dry Manure spreader (e.g. Terragator)
- Sprayer



Trailed sprayer for orchards and vineyards

5 Irrigation

- Drip irrigation/micro spray heads
- Sprinkler system
- Center pivot irrigation
- Hydroponics

6 Produce sorter

- Blemish sorter.
- Color sorter
- Density Sorter
- Diameter sorter
- Internal/taste sorter
- Shape sorter
- Weight sorter

7 Harvesting / post-harvest

- Buckrake—for silage making
- Grain cart (with built in Grain Auger)
- Conveyor belt
- Cotton picker
- Farm truck
- Grain dryer
- Harvester / harvester built for harvesting specific crops. (e.g. Bean harvester, Beet harvester, Carrot harvester, Combine (grain) harvester / Stripper, Corn harvester, Forage or silage harvester, Grape Harvester, Over-the-row mechanical harvester for harvesting apples, Potato harvester, Potato spinner/digger which is becoming obsolete, and Sugarcane harvester. Variations of harvesters are stripper cleaners and stripper loaders.
- Haulm topper
- Mechanical Tree Shaker and other Orchard Equipment
- Mower
- Rake
- Reaper-binder (now mostly replaced by the Swather)
- Rice huller
- Swather (more common in the northern United States and Canada)
- Wagon (and variations of Gravity wagons, Trailers—e.g. Silage trailers, grain hopper trailers and lighter, two-wheeled Carts)



Coffee bean Harvester, Mareeba, Queensland, Australia



CTM Johnson Tomato Harvester



- Case IH Module Express 625 picks cotton and simultaneously builds cotton modules.

7.1 Hand harvesting

- Flail
- Sickle (hand-held)
- Scythe, sometimes fitted with a Grain cradle
- Winnow (mechanized into the winnowing machine, which has been replaced by the combine harvester)

8 Hay making



Round baler in action

See also: hay

- Bale lifter (also called Bale mover or Bale spike)
- Bale wrapper
- Baler
- Hay rake
- Hay tedder
- Mower-conditioners
- Loader wagon / self-loading wagon – used in Europe, but not common in USA

8.1 Hand hay tool

- Hay fork

9 Loading



*A "backhoe loader"
A restored JCB 3C MkII, showing the conventional arrangement of front loader and backhoe*

- Backhoe/backhoe loader
- Front end loader
- Skid-steer loader
- Tractor-mounted forklift

10 Milking

- Bulk tank
- Milking machine
- Milking pipeline

11 Animal Feeding

- Grinder-mixer

12 Other

- Allen Scythe
- Aquatic weed harvester
- Feed grinder
- Bale splitter
- Mixer-wagon (Diet feeder)



TOL Tree Trimmer

- Chillcuring
- Conveyor analyzer
- Hedge cutter
- Hedge trimmer
- Livestock trailer
- Mulching machine
- Post driver (and hand tool)
- Shear Grab (and power link box)
- Trailer
- Yard scraper

13 Obsolete farm machinery

Steam-powered:

- Stationary steam engine
- Portable engine
- Traction engine (e.g. Agricultural engine, Ploughing engine, Steam tractor)
- Hog oiler
- Reaper (replaced by the Stripper and Reaper-binder)

- Winnowing machine/Winnowing-fan
- Threshing machine (replaced by the combine harvester)
- Drag harrow

14 External links

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15.1 Text

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