

## 30A Plot Harvester Sampler



The 30A Plot Harvester Sampler is now available from RCI Engineering.

### Intended Use

The 30A Plot Harvester Sampler is used to harvest test plots of corn silage, sorghum, alfalfa, grass, switch grass, or other forages and/or biomass crops. The unit can be attached to either a John Deere Pull-Type or Self-Propelled Forage Harvester. The sampler can also be used with an NIR sensor to gather moisture, starch content, protein, other constituents, weight, sample weight, and location settings on a tablet PC in the cab of the power unit.

### Function of Unit

Crop from the Forage Harvester enters the diffuser while harvesting. The diffuser drops the material onto the weighing belt. The operator gathers a sub-sample from the cross auger and places it on the scale for weighing. Once weighed, the sub-sample is stored beneath the seat. The PLC/Control Panel is located to the left of the operator. A display is provided for the operator to note scale weight but is not directly used by the operator in the normal operation of the unit.

### Product Highlights

- Unit includes a diffuser, weight belt, sampling device, and operator station for efficient collection of data.
- RCI can install the unit on nearly any John Deere Self-Propelled or Pull-Type Forage Harvester.
- RCI can customize the unit for a variety of customer needs for data collection.
- The harvesting unit can be fitted with a windrow pickup or chain header for various crops and conditions.
- Unit is powered by a hydraulic power source from the base machine.
- The tablet PC is removable from the machine for use in off-season data gathering.
- An optional GPS tracking system is available for the unit.
- An optional blower / spreader system is also available for the unit.
- A rear-facing camera system is included with the unit.

### Important Information

- Weigh belt capacity is approximately 30 cu. feet or 500 lbs of material and has a belt for emptying.
- Sampling system sample volume is approximately 2-10 lbs of material (wet basis).
- Recutter screens are available to reduce particle size if desired.
- A dump cart is available on request.
- Other machine variations are available on request
- Traction units can be supplied as new, used, or customer-supplied.
- RCI can rebuild existing power units as needed.
- RCI specializes in turn-key plot harvesters using new or rebuilt power units.

### Ordering Information

The following part numbers are available from RCI Engineering:

- RC080300 – 30A Plot Harvester Sampler

Other codes defined based on customer needs and specifications.

**Setup and Installation Time**

30A Sampler Setup Time When New

4 hours



All parts, service and warranty matters are handled by RCI Engineering LLC. Visit [www.RCIengineering.com](http://www.RCIengineering.com) for more product information, ordering, and pictures of this product.

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