

RCI 1250P Research Plot Harvester

- Harvest test plots of corn silage, sorghum, alfalfa, forage, switchgrass, and other grasses or biomass crops



KEEP MOVING FORWARD



1250P Self-Propelled Research Plot Harvester

The 1250P Research Plot Harvester is a valuable tool to harvest test plots of corn silage, sorghum, alfalfa, grass, switch grass, or other forages and/or biomass crops. The unit 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. A second seat in the operator station allows for an assistant to collect samples in the cab.

Crop from the harvesting components enters the upper hopper while harvesting. Once the plot material is weighed, the upper hopper drops the material into the lower portion of the unit. The operator gathers a sub-sample from an elevator in the cab. The crop is simultaneously fed into a blower system and delivered through a secondary spout to a wagon or can be spread on the ground. The system is controlled by the RCI PlotPro Software System.



Ergonomic operator controls and digital display allow for efficient machine operation and reduce operator fatigue.



Product Highlights

- Power unit features the John Deere 6068 diesel engine at 250 hp
- Hydrostatic ground drive system with high torque loads for pulling of collection wagons
- Easy-to-clean cooling package
- Reversible fan at engine for reduced service
- Easily accessible service points
- John Deere cutting unit for reliability and ease of service through any John Deere dealer
- Interchangeability with different John Deere headers for different applications
- Sized to fit on a gooseneck trailer for quick transport from field to field
- Includes an upper hopper, lower hopper, sampling device, and operator station for efficient collection of data
- Harvesting unit can be fitted with a windrow pickup or chain header for various crops and conditions
- Fast cycle times for improved performance over conventional methods
- The tablet PC is removable from the machine for use in off-season data gathering
- Upper hopper capacity is approximately 30 cubic feet or 500 pounds of material (~85% moisture)
- Adjustable sub-sampling system volume is approximately 2-10 pounds of material
- Kernel Processor is included for resizing of crop before sampling
- Optional GPS tracking system is available
- Rear-facing camera system is included
- Other machine variations are available on request



1250P Research Plot Harvester Features



Assistant seat in the air-conditioned cab reduces fatigue in sample collection. Operator can also collect samples if assistant is not available.



Lower sample hopper provides for mixed samples and even feeding to discharge system through the use of three augers, handling even the most demanding crops.



Integrated sampling system reduces machine footprint and provides for efficient crop flow and operation.

RCI Makes a Research Plot Harvester to Fit Your Needs



RCI is a provider of Research Plot Harvesters for hay, forage, and biomass. Products include:

- **30A and 130S Plot Samplers** for use on Self-Propelled Forage Harvesters
- **36A and 48A Harvesters** on front mowers, utility tractors, and RCI Towable Power Units

These products allow the harvest of plots while recording necessary data using **RCI's PlotPro software**. RCI also integrates various NIR sensors to plot harvesters for the recording of constituents based on customer needs.



Contact RCI Engineering toll free at 888-472-4552 or visit our website at RCIEngineering.com

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