



EcoAgHarvester

Designed by: John Berry



The all-weather, all-season **EcoAgHarvester** delivers cleaner produce with less waste and with faster delivery. Cleaner, healthier celery is guaranteed by food-quality stainless steel contact surfaces and an improved loading system; boxes and pallets never touch the ground. Hydraulics and conveyer belts eliminate most lifting, which reduces worker injuries and allows more women to join the crew.

Key Features

- Operating components have all manual hydraulic valves; no electric solenoid
- Booms are stainless
- Fifteen (15) LED lights
- 12 volt system
- Back-up alarm
- Three (3) emergency stops
- Two (2) water tanks one front and one rear
- High and low water pressure
- Stainless steel hydraulic and water lines
- Chain drive up to six (6) pallets
- Belt rollers are internally hydraulic driven
- Three (3) water sprayers on each table to clean produce
- Waterproof electric panel
- No tools required to open or close Harvester
- All major components are available from CAT

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Specifications

Engine

Four-stroke cycle, in-line six cylinder Cat 3046 turbocharged diesel engine

Gross Power

kW 74.6 HP 100

Hystat Transmission

Dual-path, hydrostatic drives provide infinitely variable speeds up to 9.0km/h (5.6 mph), forward or reverse

Undercarriage

- Caterpillar undercarriage
- Standard Caterpillar
- Shoe width (30 in)
- Length of track on ground (18'-6")
- Track gauge (61 in)

Weight (approximate)

Operating weight: 40,000 lb

Dimensions

Height:	10'-11"
Length (overall):	23'-0"
Width (packing):	16'-6"
Width (7 tables for 14 beds):	47'-0"
Table size (each):	5'-0" x 20"
Width (shipping):	12'-0"
Left wing:	4'-3" x 20'-0"
Right wing:	4'-3" x 20'-0"

Engine Key Features

- Each track is driven by a separate variable-displacement piston pump and motor combination
- Drive pumps: Two variable-displacement, slipper-axial piston pumps mounted tandem-style to engine flywheel housing
- Track motors: Two 2-speed, link-type piston motors mounted inboard of main frame at the final drives
- Full flow filtering of hydrostatic charge system oil
- Relief valve setting: 42 000 kPa/420 bar/6100psi
- Charging pumps: Two gear-type, one per drive circuit



EcoPowerSystems

2521 Palma Drive • Ventura, CA 93003 • 805.644.7990

EcoPowerSystemsLLC.com