

TOMATO HARVESTER



JOHNSON



THE JOHNSON

The Johnson Harvester is a heavier machine and a high performer in large open fields. Equipped with load sense hydraulics and independent flow controls for all functions, the Johnson is constructed with a heavy-wall tubular steel main frame that can withstand even the most adverse field conditions.

HIGH CAPACITY

Designed to harvest 70 tons of tomatoes per hour, the Johnson reduces harvesting costs through increased productivity.

IMPROVED RECOVERY

The heart of the Johnson tomato harvester is the patented Three Weight Shaker. Its features include:

- Curved vine rods with longer shake strokes which maximize recovery
- Adjustable shake rate and rotation speeds for all field conditions and varieties
- When properly adjusted, the powered rotation and large weights virtually eliminate brush plugging.

SUSPENSION AND LEVELING

The front and rear axles are pivot mounted to allow tilting without twisting the frame. The axles are hydraulically coupled together which means the frame feels only half the rocking motion as the harvester crosses an obstruction such as a furrow. This design creates a more equal wheel loading which means speeds can be increased, particularly at the headland, with the header remaining level relative to the ground.

CUSTOMIZED FOR YOUR OPERATION

We understand tomato harvesting and have designed the Johnson so it can be customized to fit your operation. Choose from sickle or rod weeder, adjustable axles, dual color sort system, air conditioned cab, and wheel centers at 60", 63", 66", 72", 74", 80".



Delivering up to 70 tons per hour, the Johnson maximizes production and lowers harvesting costs.



Service and parts provided day and night during harvest by the same mechanics who build your harvester.



Designed and built to perform season as after season, delivering low total cost of ownership.



Heavy-duty, four-wheel hydraulic drive system provides maximum torque and ground clearance.

ELECTRONIC TOMATO SORTER

✓ IN-FIELD COLOR SORTING

The Electronic Tomato Sorter offers high performance, simple operation, and low running costs. Compact and reliable, the Electronic Tomato Sorter provides an excellent in-field sorting even in the harshest of environments with dirt, dust, and vibration through hot, cold, and wet weather and reduces labor.

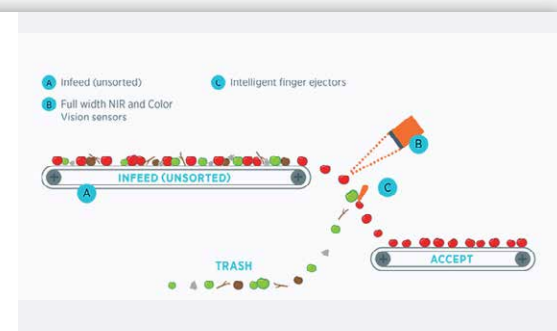


✓ RELIABLE SORTING TECHNOLOGY

The Electronic Tomato Sorter ensures high quality produce through a patented advanced focused illumination and detection system, designed to recognize vines, leaves and stems and reduce good fruit loss. Sorting is extremely consistent and efficient because the optics window remains clean due to its distance from the product.

✓ HIGH QUALITY TOMATOES

The Electronic Tomato Sorter is available in three sizes to match your harvest requirements. Tomatoes are spread uniformly onto the infeed belt and scanned by color vision sensors at different inspection zone. Trash is rejected by intelligent finger ejectors, while the good product continues along the harvester.



SPECIFICATIONS

Standard specifications	
Engine	John Deere 6068 225 HP Final Tier 4
Traction Control	Limited slip system
Dirt system conveyor	Two way, 32/40 channel
Ground drive	Hydrostatic with 4 drive motors & 3 speed ranges
Turning Radius	13'10"
Radial Tires	13.00x24
Hydraulics	Closed Center
Lighting	16 rectangular LED
Grease banks	Remote
Steering	4 wheel
Machine Leveling	Automatic
Dimensions	
Length	40' 2" (12.24m); Transport: 41' (12.05m)
Width	Catwalks Extended: 14' 11" (4.52m); Catwalks Retracted: 12' (3.66m)
Width JFM 80	Extended: 16' 2" (4.93m); Retracted: 13' 4" (4.06m)
Overall Height	11' 5" (3.48m)
Height to Sunshade	10' 9" (3.28m)
Header Width	4' 11" (1.50m)
Bulk Loader Dump Height	Standard: 12' 4" (3.76m); Extended: 13' (3.96m)
Bulk Loader Dump Width	Standard: 5' 5" (1.65m); Extended: 7' (2.13m)
Bulk Loader Leg	10' (3.05m)
Wheel Base	12' 1" (3.68m)
Wheel Span	Standard: 17' (5.18m); Extended: 18' 6" (5.64m)
Wheel Span JFM 80	Standard: 17' 8" (5.38m); Extended: 19' 2" (5.84m)
Wheel Gauge	Standard: 5'0" (1.52m); Extended: 5'6" (1.68m)

ELECTRONIC SORTER SPECIFICATIONS

	WSE 32	WSE 40	WSE 48
Dimensions			
Width	35.4in. (900 mm)	44.4in. (1127 mm)	52.4in. (1330 mm)
Feed width	32in. (813 mm)	40in. (1016 mm)	44.4in. (1127 mm)
Depth	35.4in. (900 mm)	44.4in. (1127 mm)	52.4in. (1330 mm)
Height	26in. (660 mm)	26in. (660 mm)	26in. (660 mm)
Utilities			
Air	100 psi / 7 bar	100 psi / 7 bar	100 psi / 7 bar
Electricity	13.1-14.5 VDC	13.1-14.5 VDC	13.1-14.5 VDC



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