

TOMATO HARVESTER



STAR



THE STAR

Designed for smaller fields, the Star harvester delivers maneuverability and efficient tomato harvesting. The narrow width, tighter turning radius, and reduced weight make it easier to transport between fields, increasing productivity.

HIGH CAPACITY

The Star Tomato Harvester is designed specifically to match the productivity of the previous harvester models at a rate of 60 tons per hour output. The patented three-weight shaker with powered brush rotation provides high capacity while virtually eliminating shaker plugging.

CLEAN HARVEST

The Star tomato harvester utilizes a straight through material flow for gathering, separating, shaking, cleaning and sorting of processing tomatoes. The No-Turn Design provides an improved uniformity of fruit flow allowing for more efficient cleaning and optical sorting. Fewer drops and turns in the material flow allow for less fruit damage.

GREATER MANEUVERABILITY

The narrow width of the machine, tighter turning radius and reduced weight make it easier to move the machine from field to field, resulting in less downtime and more productivity.

CUSTOMIZED FOR YOUR OPERATION

We understand tomato harvesting and have designed the Star so it can be customized to fit your operation. Choose from a front section center pivot header, disc pickup, sickle, or rod weeder, vine shredder, and one- or two-way 32 channel dirt sorter. Other options include 3-speed heavy duty wheel motor, adjustable axle, elevator extension, and air-conditioned cab. With 60, 63, 66, 72, 74, 77, or 80-inch wheel centers, the Star fits all major growing styles.



Delivering up to 60 tons per hour, the Star maximizes production and lowers harvesting costs.



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



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



Self-propelled machine built for easy maneuverability and efficient tomato harvesting.

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.

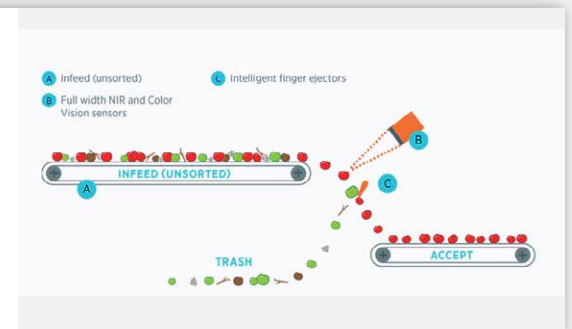


✓ RELIABLE SORTING TECHNOLOGY

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 zones. Trash is rejected by intelligent finger ejectors, while the good product continues along the harvester.



SPECIFICATIONS

Standard specifications	
Engine	John Deere 6068 225 HP @2000RPM Final Tier 4
Steering	4-wheel
Machine Leveling	Pivot front and rear axle, frame leveling
Color Sorting	32 channel (x2)
Drive	Hydrostatic with four drive motors and three speed ranges
Radial Tires	1300XR24 Radial XGLA2
Dimensions	
Length	41' 8.3" (12.71m)
Width	Elevator folded: 12' 4" (3.76m); Elevator unfolded: 21' 8" (6.60m) Elevator folded + One-way Dirt: 11' 4.6" (3.47m); Elevator unfolded + One-way Dirt: 20' 1.3" (6.13m)
Overall Height, Cab AC unit	11' 8" (3.56m)
Header Width	60" (1.53m)
Wheel Base	11' 6.8" (3.53m)
Wheel Spacing	60, 63, 66, 72, 74, 77, 80

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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