

TOMATO HARVESTER



COMMANDER



THE COMMANDER

The industry standard for decades, the Commander is built for high performance and maximum efficiency in large open fields. Featuring four-wheel steering and automatic leveling, the Commander delivers unsurpassed reliability and maneuverability. The Commander is equipped with a simplified open center hydraulic system and plenty of hydraulic horsepower in reserve for trouble-free operation and minimal downtime.

HIGH CAPACITY

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

CLEAN HARVEST

Two-way dirt belts, outfitted with 32 channel dirt sorters, are standard equipment. The high efficiency, 30" direct driven suction fans remove loose vines and provides superior cleaning performance.

IMPROVED RECOVERY

The Commander's patented recovery reel and 2-stage shaker system are unequalled at tomato recovery. There is simply no better combination to minimize harvest losses. Shaker frequency is easily controlled for optimal performance for any variety and in all conditions.

CUSTOMIZED FOR YOUR OPERATION

We understand tomato harvesting and have designed the Commander so it can be customized to fit your operation. Choose from sickle, rod weeder or disc pickup and with the two-weight or three-weight head. Other options include adding a vine shredder, dual color sort system, air conditioned cab and adjustable axles. With 60-, 63-, 66-, 72-, or 80-inch wheel centers and the Commander fits all major growing styles.



Delivering up to 70 tons per hour, the Commander 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.



Four-wheel hydrostatic drive and four-wheel steering for maneuverability and performance across field conditions.

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.

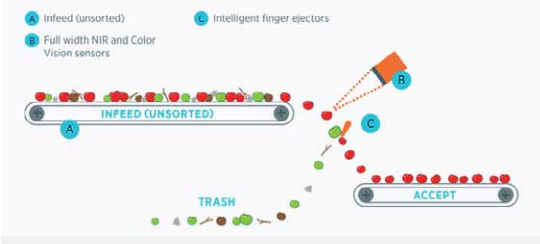


✓ RELIABLE SORTING TECHNOLOGY

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	
Type	The Commander
Aftersort Belts	40" width
Engine	John Deere 6068HFC08 225 HP Final Tier 4
Traction Control	Limited slip system
Reservoir	32" wide rear cross deep
Ground drive	with "3 speed system and 6000 psi motors
Elevator	One man swing-away
Radial Tires	1300x24
Grease banks	Remote
Color sorts	40" channel (x2)
Shaker Tines	Durable urethane coated
Dimensions	
Length	36' 4" (11.07m); Transport: 41' 2" (12.55m)
Width	Catwalks Extended: 16'8" (5.08m); Catwalks Retracted: 14'2" (4.32m)
Overall Height	10'11" (3.33m)
Height to Sunshade	10'1" (3.07m)
Header Width	4'7" (1.40m)
Bulk Loader Dump Height	Standard: 12'4" (3.76m); Extended: 13'0" (3.96m)
Bulk Loader Dump Width	Standard: 5'6" (1.68m); Extended: 7'0" (2.13m)
Bulk Loader Leg	10'6" (3.20m)
Wheel Base	12'0" (3.66m)
Wheel Span	Standard: 18' 7" (5.66m); Extended: 20' 1" (6.12m)
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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