



K 3500



K 3500 | 

K 3500

QUALITY AND PRODUCTIVITY FOR THE **BEST** **COFFEE** **PRODUCTION** **IN THE WORLD**

The ideal solution to the **challenges of coffee growing**! It is equipped with technological resources to offer producers much more quality when **harvesting coffee berries**, with fewer losses and higher productivity daily. All this without giving up **comfort** and **safety**.





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HIGH EFFICIENCY IN HARVESTING AND CLEANING COFFEE BERRIES

Harvesting speed can reach **2.5 km/h** and harvesting efficiency above **97%** - up to **35% higher** than other harvesters on the market under the same working conditions!

K 3500's electronic control system guarantees constant vibration regardless of plant size, and its vibrating rods have opening and closing adjustments to make setting harvesting for selective harvesting and adjusting operations according to producers' needs - whether in new or adult crops.

Maximum productivity, without forgetting the coffee's quality and crops preservation!



IMPURITIES ARE REMOVED IN TWO STAGES

First, the “**leaf agitators**” remove part of the leaves and larger branches from the harvested coffee berries. Afterward, the **extractor fan** removes minor impurities, leaving them ready to be received and processed in the post-harvesting structure.



FEWER COFFEE BERRIES LOST TO THE GROUND

Collector system: it has a **minimum ground clearance of 260 mm** to harvest as many coffee berries as possible from the lower branches of the plants, and **minimize losses** to the ground.



Camera system: it allows viewing the alignment of trunks and the height of the harvester to the ground and optimize operations from start to finish.

Rear collector system length: it improves the collection of harvested berries even at higher speeds and **increases operating efficiency**.

Leaf agitators: they minimize the loss of harvested berries during the leaf separation and make **coffee berries cleaner**.

The loss rate to the ground is up to 62% lower than other harvesters on the market*.

Tests carried out by Jacto comparing other harvesters under the same working conditions*



HIGH OPERATIONAL PERFORMANCE

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With a **2,000-liter** tank, **K 3500** allows storing more coffee berries and achieves **greater operating efficiency**.

The simultaneous unloading system makes it possible to unload the berries without interrupting the harvesting operation. Tractors and trailers approach when the tank is full, **which reduces the number of machines** needed to follow the harvester. While a sensor monitors the tank volume, the monitor shows the volume of coffee berries stored.

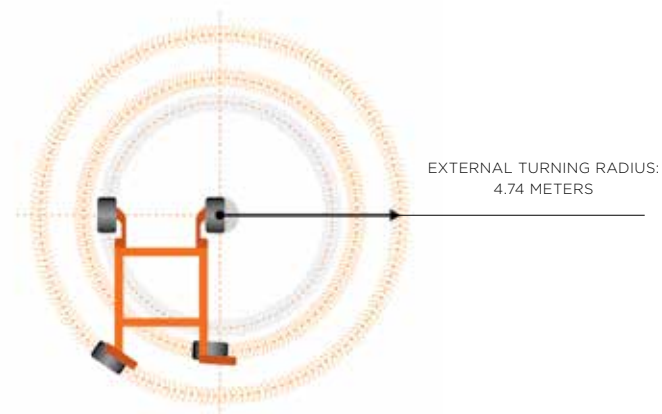




POWER AND TORQUE AT THE RIGHT AMOUNT

The most potent **132-cv** electronic diesel engine on the market, combined with the 4x4 full traction hydrostatic transmission, delivers performance, safety, and savings to face the most diverse working conditions.

In line with Brazilian pollutant emission regulations, it complies with **MAR-I** and is approved to work with **Biodiesel B20** (up to 20% in the mixture).



REDUCTION OF UP TO 40% IN MANEUVERING TIME

With an innovative design, **K 3500** steering system allows **85°** steering to both sides and a smaller turning radius to maneuver with agility even in crops with narrow rows and optimize harvesting time.

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SAFETY, COMFORT, AND ERGONOMICS

Excellent visual range, with much more comfort and ergonomics! Cab with hot and cold **air conditioning**, activated carbon filters, and adjustable steering column. Commands and controls are within reach for easy, accurate, and safe operations.



Integrated and automatically controlled operating functions can be preset on the cab monitor.
What's more: Omni 700 monitor has an integrated operational diagnostics system, which informs the machine's overall operation.

AGILITY AND PRACTICALITY

More operational agility and practicality with the **multifunction joystick** enables controlling harvesting and discharging operations and adjusting speed, leveling, and height.



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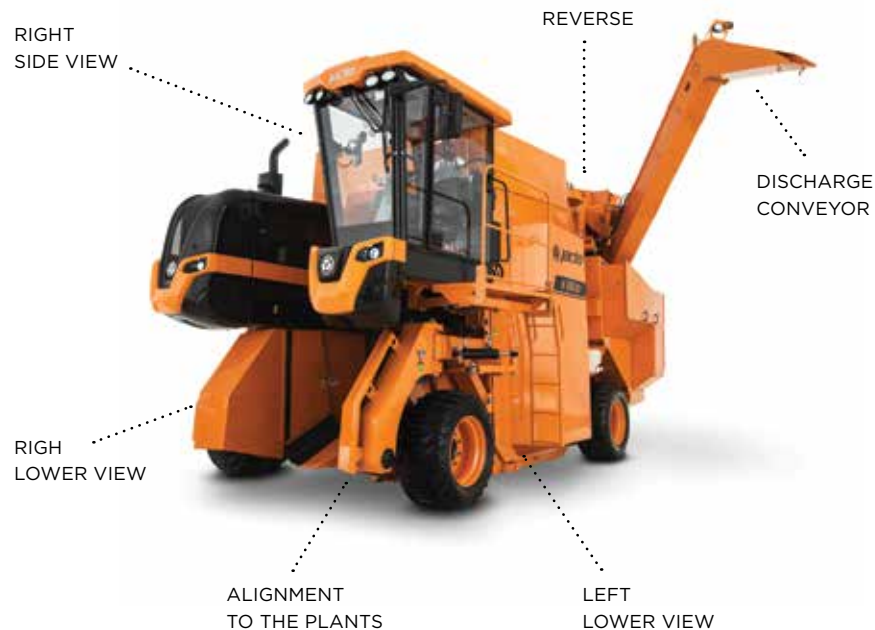
SAFE OPERATIONS IN DIFFERENT TERRAINS

Excellent harvesting on terrains with up to **20% slope**, following the requirements of regulatory standards, and providing safety to the operator and the environment.



CAMERA POSITIONS

K 3500 is equipped with **6 cameras** that assist in aligning the machine to the plant trunk, positioning the discharge conveyor, using reverse gear, adjusting leveling, height and the machine's right-side view.





K 3500 | TECHNICAL SPECIFICATIONS





HARVESTING

PLANT SIZE

Plant height	1.20 to 4.50 m
Diameter	Up to 2.20 m
Harvesting free height	3.50 m

VIBRATING SYSTEM

Type	Eccentric masses
Nº of rods	1,296
Opening adjustment	140 mm
Rotation	Up to 1,000 rpm
Harvesting efficiency	Up to 97%

COLLECTOR SYSTEM

Type	Retractable blades
Height	260 mm

CONVEYORS

Type	Chains
Slats	Perforated metal and plastic
Unloading	Angular (simultaneous to harvesting)

CLEANING SYSTEM

Pre-cleaning	Collector system with leaf agitators
Main system	Extractor fan

DISCHARGE CONVEYOR

Plant height	Up to 4.5 m
Row spacing	Up to 4.0 m

MONITOR

Model	Omni 700
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PERFORMANCE

Harvesting speed	0.5 to 2.5 km/h
Coffee tank	2,000 l



VEHICLE

ENGINE

Model	Cummins QSB 4.5 TIER 3
Number and arrangement of cylinders	Inline 4
Power	132 cv @ 2,200 rpm
Fuel	Diesel or Biodiesel B20

TRANSMISSION

4x4 hydrostatic with hydraulic block

BRAKING SYSTEM

Service brake	Hydrostatic
Parking brake	Integrated into the wheel motor

TIRES

500/45 - 22.5 / 12PR

TANKS

Fuel	150 l
Hydraulic reservoir	175 l

ELECTRICAL SYSTEM

Working voltage	12 Volts
Alternator	130 amperes
Battery	170 Ah

SUSPENSION

Hydropneumatic	8 accumulators
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DIMENSIONS

Maximum height (retracted suspension)	3.97 m
Maximum width	3.16 m
Track width	2.65 m
Internal turning radius	3.70 m
External turning radius	4.74 m
Total length	6.25 m



OTMIS PRECISION AGRICULTURE

- Omni 700 Monitor
- Agricultural cameras



COFFEE HARVESTER

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jacto.com

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