

Krauss *Maschinen GmbH*

Apple harvester

NT Mini / NT 42 / NT 60



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The Krauss NT range of apple harvesters, designed for intensive use in today modern bush orchards. The new fruit pickup system and large receiving hopper enables the harvester to work at the highest possible hourly output.

High performance combined with high capacity

With a working width of up to 3.30 mts the harvester can collect up to 12 tons per hour.

In one operation

1. Picks up fruit
2. Cleans the fruit
3. Clears a path, ahead of the machine
4. Clears areas in between trees

Four operations in one, the harvester collects quickly, cleanly and precisely. Together with the high output per hour, the machine delivers an enormous punch

1. Pick up system – gentle on fruit

Due to the special design of the patented pickup system and the very low rotational speed of the pickup head, the fruit has minimal mechanical contact when collected and is then pushed gently along the conveyor. Cleaning, using a powerful onboard blower removes unwanted debris, resulting in clean undamaged fruit.



2. Cleaning

Using a powerful onboard blower removes unwanted debris, resulting in clean undamaged fruit.



3. Clearing the row - very flexible

When the receiving hopper is full, the pickup system can be turned off so that no more fruit is collected but the harvester can continue moving forward clearing the fruit lying in its path, within the row. Thus, it is not necessary to reverse backwards out of the row or driving over uncollected fruit.

4. Clearance of fruit between trees

With a powerful blower producing a strong air current, the fruit between the trees is blown gently, without damage from the trunk area into the next row.



Receiving hopper and unloading system

The fruit can be collected in a hopper, to a capacity of up to 1.7 tons and then lifted to a tipping height of up to 2.8 m to be loaded into a container or a trailer.



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Versatile

The Krauss NT harvester can maneuver easily as both front and rear wheels are steered independently. The front axle is steered via the steering wheel and the rear axle via a hydraulic valve.

This gives the machine a smaller turning radius and allows the harvester to “crab” sideways across slopes to correct the harvester’s direction.

Fruit Quality and shelf life

As a result of the gentle handling and cleaning of the fruit by the harvester, the quality of the fruit is excellent. The fruit collected by the harvester can be stored much longer before processing, compared with fruit collected by conventional pickup systems.



Special options

Cabin with heating
Full road vehicle test certification

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technical details

NT - Mini

Kubota Motor: 56 hp Diesel
Wheels: 3
Speed: variable 0 – 18 km/h
Working width: 260 cm
Cleaning system: Air blower
Bunker capacity: 1100 kg
Tipping height: 260 cm
Width: 170 cm
Length: 450 cm
Height: 180 cm
Weight: 1350 kg
Tyres: 26x10.50 - 12

NT 42

56 hp Diesel
4
variable 0 – 18 km/h
300 cm
Air blower
1500 kg
260 cm
200 cm
550 cm
215 cm
2200 kg
26x10.50 - 12

NT 60

75 hp Diesel
4
2 gears 0 – 18 km/h
320 cm
Air blower
1800 kg
280 cm
220 cm
580 cm
240 cm
2400 kg
31x15.50 - 12



NT - Mini



NT - 60



NT - 42

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