

Technical data and standard specifications

Pluk-O-Trak	Junior	Senior
Height of trees	3.00 m	4.00 m
Number of pickers	4-6	6-8
Bin change time	30-45 seconds	ditto
Harvesting capacity	200-350 kg/person/hour	ditto
Total length	3.10 m	4.75 m
Total breadth	1.30 m	1.58 m
Total height	2.80 m	ditto
Track width	1.00 m	1.28 m
Ground clearance	0.15 m	ditto
Tyre size	23x10.50-12 4-ply tubeless	ditto
Weight	approx. 840 kg	approx. 1000 kg
Engine	Kubota 11 bhp petrol engine	ditto
Transmission	C.V.T.	ditto
Picking belts	two at the front of the machine two in the middle of the machine two at the back of the machine, optional	ditto ditto two at the back of the machine
Picking platforms	one on each side (0.75x0.40m)	two on each side (1.20x0.40m)
Steering	hand-operated, with chain drive	hydraulic
Speed	low speed 0-2 kph high speed 0-4 kph	ditto ditto

- Options:
- Trailer for empty bins with 5 m roller conveyors, hydraulic bin elevator, two swivel wheels at the back
 - Fully automatic steering system
 - Hydraulic picking platforms
 - Compressor for pruning equipment
 - Four-wheel drive
 - Fully automatic hydraulic steering system (Senior)
 - 2 extra picking belts (Junior)



For even greater efficiency a fully automatic steering system is available. This enables the machine to follow the row exactly so that the pickers can concentrate fully on the job of picking.



The trailer for empty bins



Swivel wheels at the back



The hydraulic elevator



Bin stop

We reserve the right to make any technical changes or modifications.

MUNCKHOF



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your dealer:

MUNCKHOF
 Meterikseweg 115
 NL 5961 CV Horst
 Tel.: +31(0)77-398 10 01
 Fax: +31(0)77-398 64 85
 E-mail: info@munckhof.org
www.munckhof.org

Mechanische fruitoogst-machines
 Machines mécaniques pour la cueillette des fruits
 Mechanical fruit harvesting machines
 Mechanische Obsterntemaschinen
 Máquinas para la cosecha de fruta mecánica



Bij Koninklijke Beschikking
 Hofleverancier

PLUK-O-TRAK
 Junior - Senior

Junior



The **Pluk-O-Trak** is the only mechanical fruit harvesting machine with more than 30 years' practical experience in the field. This is your guarantee of excellent performance and quality - confirmed by official bodies at home and abroad.

The **Pluk-O-Trak** ensures that you can organise harvesting very easily. No empty bins need to be set out, so half-full or overfull bins become a thing of the past. Moreover, the distance that has to be driven is half that required with conventional systems, which reduces damage to the tracks.

Efficiency is 80-100% higher compared with conventional systems.



The height and the direction of the picking belts can be fully adjusted. The picking belts are available in lengths of 0.5, 0.75, 1.00, 1.25, 1.50, 1.75 and 2.00 metres.

The advantages of the Pluk-O-Trak

- Excellent picking performance
- Work considerably less arduous, resulting in motivated pickers
- Harvesting method minimises risk of fruit damage
- Harvest can be organised very easily
- Picking fruit from higher trees is no problem
- Better filling of the bin more kgs
- Problem-free harvesting in less favourable soil conditions



The extreme sensitivity of the bin filler guarantees that large bins can be filled evenly and without bruising the fruit.

Senior



Pluk-O-Trak Junior: one picking platform on each side



The steering wheel of the Pluk-O-Trak Junior can be easily adjusted to the left, right or centre. This means that it is always within easy reach, even when pickers are working on side rows.



The picking belts, the main conveyor belt and the bin filler operate independently of the driving speed of the machine.

Bin changing



Bin changing: the full bin descends at an angle before being emptied. Once the bin has been emptied, the turntable automatically returns to its original position. While the full bin passes under the bin trailer, an empty bin is removed from the bin trailer



and placed on the turntable. The bin trailer is equipped with roller conveyors along its entire length, and can accommodate 8 to 12 large bins.

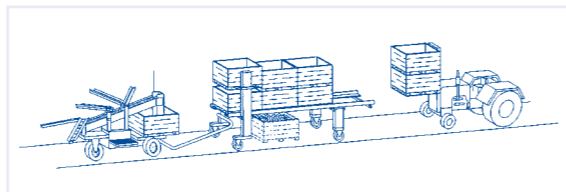
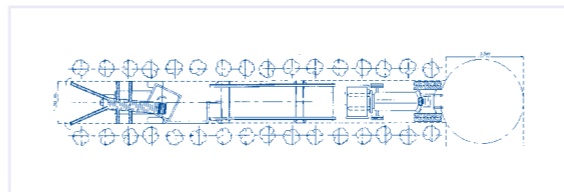


Diagram of harvesting with the Pluk-O-Trak

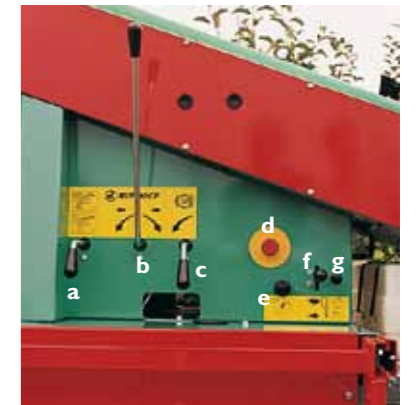
The machine is self-propelled, with one of the pickers controlling the driving speed and steering. The bin trailer follows the track of the machine, so that the whole set-up can be steered from one row to the next without any problems. The headlands should be no wider than 3.5 metres. Harvesting starts with one



empty bin on the turntable and 8 to 12 empty bins on the bin trailer. When a bin is full, it is immediately removed and a new bin is supplied.



Pluk-O-Trak Senior: two picking platforms on each side and hydraulic steering



Operating panel

- a. Start/stop main conveyor belt + picking belts
- b. forward/reverse
- c. parking position
- d. emergency switch
- e. ignition lock
- f. increase/reduce speed
- g. choke



The machine is powered by an 11 bhp petrol engine in combination with a hydraulic variomatic and a two-speed gearbox. This makes it possible to continuously vary the speed from 0-4 kph. Due to the fact that the engine delivers more power than required, it can always be operated at the optimum speed.