

KIVI-PEKKA STONE PICKERS

KIVI-PEKKA



FINNISH EXPERTISE FROM THE ROCKIEST FIELDS OF FINLAND





KIVI-PEKKA STONE PICKERS

Kivi-Pekka stone pickers are manufactured in Rantasalmi, amid Finland's rockiest fields. The rocks found in our fields are mainly granite, which puts our machines to a test and offers a perfect setting for product development. Kivi-Pekka is an efficient stone picker, which can be used to remove rocks from fields before sowing to prevent damage to other farming machinery. Our machines are always tailored to meet the customer's specific needs. Thanks to its robustness and efficiency, Kivi-Pekka is suitable for contractors and for use as a shared machine. In addition to farming, it can be used in road repair and building, landscaping and building of golf courses. Kivi-Pekka stone pickers have been sold to 43 countries where they are used to collect rocks from fields covering hundreds of thousands of hectares.

COST EFFICIENCY

As the machine does not require a high towing capacity or hydraulic capacity (70 hp/20l/min. / 70hp/5.3gal/min.) from the tractor, the farm's larger tractors can be used for other work. Kivi-Pekka stone pickers come in three working widths: 4 m, 5 m and 6 m / 13 ft, 16.5 ft and 20ft . The width should be selected in line with usage to ensure that the machine meets the needs of its users. Kivi-Pekka 5 and Kivi-Pekka 6 come with a wider lifting drum to provide higher efficiency for rockier soil.

STANDARD ACCESSORIES

- crowbar
- all PTO shafts
- sieve for the stone tank
- sieve for the lifting drum, as selected by the customer
- HD tines for the rotors
- Kivi-Pekka 4: 18 tines, Kivi-Pekka 5/6: 28 tines
- LED lights and slow-moving vehicle triangle
- standard tyre size 560/60R22.5
- tipping height 290cm/114in - adjustable

OPTIONAL ACCESSORIES

Rotation guard

When Kivi-Pekka is operated in dusty conditions, visibility may be extremely poor. The rotation guard monitors the operation of the rotor and the lifting drum for you. A signal light on the in-cab monitor lights up if the rotor or the lifting drum stops operating.



Rotor lift

You can also select a hydraulic rotor lift mechanism as an optional accessory. The lifting action is achieved with one single-acting hydraulic cylinder, which raises both rotors simultaneously. The rotors are locked into the top position with mechanical locks, which secure the rotors in this position for transport. There is no need to disconnect any PTO shafts or wires and the machine can be set up for operation and transport from the comfort of the cabin.



Strong tines

Kivi-Pekka can be fitted with strong lifting drum tines (12 x 45 mm / 0.5 x 1.8in), which last three times as long as the standard tines. As the tines are subjected to the highest level of wear and tear, this helps to reduce running costs to a great extent.

As a new feature, we also offer extra strong tines (13 x 50 mm / 0.5 x 2 in), which are even more durable than the strong ones.

The tines give way sideways to prevent blockages - no rotation backwards is required



CLEAN STONES

Kivi-Pekka's soil sieve removes soil from the surface of the stones, ensuring that good-quality topsoil remains where it should: in the field. This process results in cleaner rocks that can be used in construction work or road building.

The sieving takes place at the tipping stage. The soil slides into a soil container, from where it is returned to the field.

The stone tank's back wall and bottom boast a robust mesh design. The top of the stone tank is made of a strong Hardex sheet.



EFFICIENT DRIVE SYSTEM

Kivi-Pekka is equipped with strengthened drive belts, and power is transmitted to the lifting drum via straight drive belts, contributing to a low requirement for power. The belts do double duty as an overload protection mechanism, while also absorbing the shock from the stones that come into contact with the machine.

The belts are highly resistant to wear and tear and require very little maintenance.

The running costs of the Kivi-Pekka stone picker remain low as its drivetrain does not contain any expensive parts that need replacing.



DURABILITY

Manufactured with great expertise, Kivi-Pekka stone pickers are made using steel grades and strengths selected on the basis of more than three decades of experience.

In our continuous product development, we particularly focus on improving the durability and reliability of our machines even further in order to meet the needs of the rapidly evolving and growing farming and contracting sectors.



Flex Drum

Kivi-Pekka's Flex Drum allows for removal of larger rocks than the standard lifting drum. The lifting drum's power transmission is mounted along the drum frame, allowing the frame and the entire lifting drum to yield upwards, which makes it possible to lift stones 50 cm / 20 in in diameter. Because of the Flex Drum's hydraulic pressure accumulator, the drum passes over any large stones it comes into contact with. In addition, the drum can be raised into the top position with the hydraulic system. The Flex Drum is equipped with a suspension system to protect the sieve and tines against the effect of contact with stones, thereby extending their service life.

OTHER OPTIONAL ACCESSORIES

- Bogies 500/50R17
- Bogies 500/55R20
- 710/45R22.5
- 700/50R26.5
- Sieve options: 30, 35, 40, 50 mm / 1.2, 1.4, 1.6, 2 in
- Scharmuller K80 pick-up hitch
- Mud guards
- Rotation guard
- Hydraulic rotor lift
- Straight belts for the lifting drum transmission
- Strong lifting drum tines (12 x 45 mm / 0.5 x 1.8 in)
- Extra strong lifting drum tines (13 x 50 mm / 0.5 x 2 in)
- Double axel for the 4-metre model
- Flex Drum
- Hydraulic brakes
- Pneumatic brakes

TECHNICAL SPECIFICATIONS: KIVI-PEKKA STONE PICKERS

	KIVI-PEKKA 4	KIVI-PEKKA 5	KIVI-PEKKA 6
Weight			
kg	4000	5000	5400
lb	8818	11023	11904
Working width			
cm	400	500	600
in	157	197	236
Stone size			
cm	2,5 – 30 [50]	2,5 – 30 [50]	2,5 – 30 [50]
in	1– 11.8 [20]	1– 11.8 [20]	1– 11.8 [20]
Output			
kg/min	700	1000	1200
lb/min	1543	2204	2645
Stone hopper volume			
m ³	1,5–2	1,5–2	1,5–2
gal	340–454	340–454	340–454
Tyre size			
Single tyre	560/60R22.5 710/45R22.5 700/50R26.5	560/60R22.5 710/45R22.5 700/50R26.5	560/60R22.5 710/45R22.5 700/50R26.5
With bogies	500/55R20 500/50R17	500/55R20 500/50R17	500/55R20 500/50R17
Rotor support wheels	195 x 14	195 x 14 bogie	195 x 14 bogie
Power requirement	70 hp	80 hp	80 hp
Running speed			
km/h	1–6	1–6	1–6
mph	0.6–3.7	0.6–3.7	0.6–3.7
Lifting drum	18 tines	28 tines	28 tines

Standard accessories:

- Soil container
- Towing hook
- Tyres 560/60R22.5
- All PTO shafts
- Hydraulic working depth control
- Forged sieve (in cultivation direction)
- Crowbar
- Double axles (on 5 and 6 m models)
- Tool and spare parts box
- Tipping height: 235 / 290 cm - 92,5 / 114 in

Optional accessories:

- Rotation guard
- Hydraulic rotor lift
- Bogies 500/55R20
- Bogies 500/50R17
- 710/45R22.5
- 700/50R26.5
- Strong and extra-strong lifting drum tines
- Straight belts for lifting drum
- Double axel for the 4-metre model
- Double axle for 4-metre model

