

KIVI-PEKKA

KIVI-PEKKA STONE PICKERS



PELTUOTE

FINNISH EXPERTISE FROM THE ROCKIEST FIELDS OF FINLAND





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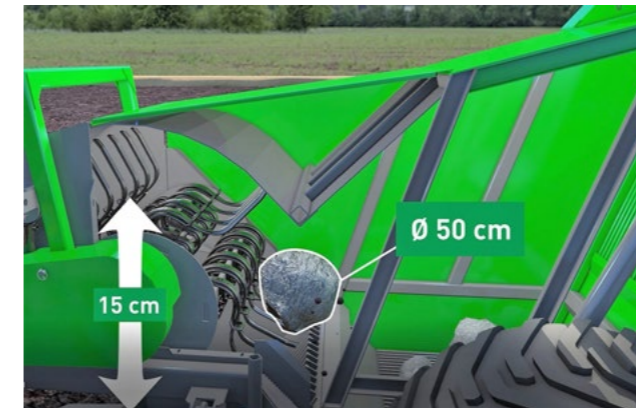
Kivi-Pekka is a stone picker that can be used to remove stones from fields efficiently and to clear new fields of tree roots and branches. Kivi-Pekka can also be used for road foundation work, golf courses and landscaping.

In the past, stones have been removed from fields manually. This takes a lot of time and can even endanger the worker's health due to poor working postures, without ever leading to results that match those attained by mechanical removal. A thoroughly cleared, stoneless field yields a better crop and prevents the other farming machinery from being damaged, saving you the cost of their repair.

Kivi-Pekka performance is in a class of its own with the largest model boasting a working width of 7 m/23 ft. and picking stones with diameters up to 50 cm/20 in. In stony conditions, the stone picking capacity is 1,500 kg/3300

lb per minute. The tipping height is 290 cm/115 in, which allows the stones to be tipped even onto a high dump truck. This makes it easier to re-use or sell the stones. Using a Kivi-Pekka does not require a large tractor. It only requires a 100 PTO HP tractor to run the largest Kivi-Pekka stone picker. The machines are customized to the customer's specifications, thereby providing each customer with the working width and accessories they need.

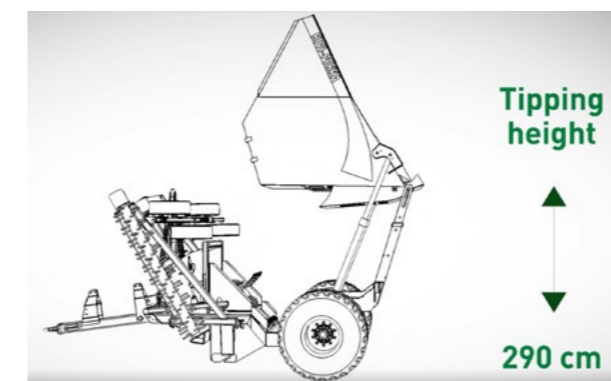
Kivi-Pekka is manufactured in Rantasalmi, right among the stoniest fields found in Finland. The granite-rich rock material of our fields creates the perfect conditions for product development and testing our machines. Kivi-Pekka is manufactured with professional skill, using high-quality steel grades and components carefully selected based on more than 30 years of experience. Kivi-Pekka stone pickers are now sold in 50 different countries.



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 pick stones with diameter up to 50 cm/20 in.

The Flex Drum's hydraulic pressure accumulator supports most of the weight of the drum thereby allowing it to raise easily when a large rock enters the throat. In addition, the drum can be raised into the top position with the hydraulic system from the tractor seat. 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.



Tipping height

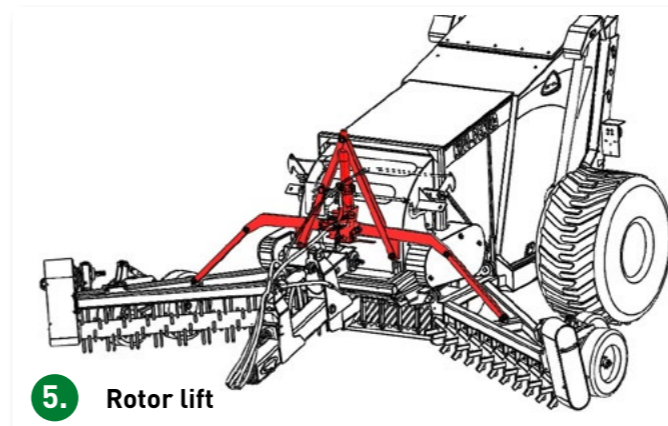
All the stone picker models have the same tipping height of 2.9 m/115 in, which allows you to empty the stone hopper even onto high-sided transport equipment, such as a dump lorry. This makes transporting the stones elsewhere much quicker because there is no need to first empty the stone hopper onto the ground and then reload it onto the lorry with another machine.



The back of the machine is grated which cleans the dirt from the rocks when the container is dumped. This allows the rocks to be used for landscaping, construction or road construction.



The welded sieve is made of special steel and is available with different spacings (40,50,70mm) The farmer can choose what size stones to pick up and what size to leave in the field. The tines run under the sieve bars the entire length thus keeping the sieve clean and preventing jamming of rocks.



The lifting action is achieved with hydraulic cylinder, which raises both rotors simultaneously. The rotors are locked into the top position with mechanical locks. The PTO shafts can be connected during lifting



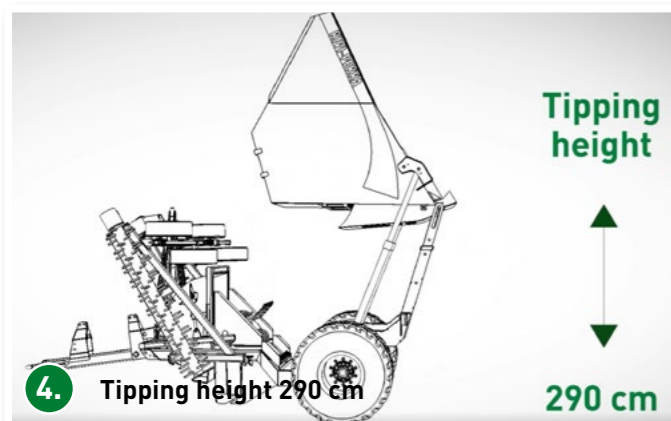
The lifting drum's power transmission is mounted along the drum frame, allowing the frame and the entire lifting drum to yield upwards, which makes it possible to lift stones with diameter 50 cm/20 in.



The stone picker has Scharmuller's towing eye as standard. It is possible to install ball coupling as accessory.



When Kivi-Pekka is operated in dusty conditions, the rotation guard monitors the operation of the rotors, the lifting drum and main drive PTO shaft. An auditory alarm in the tractor cab alerts the operator if a component has stopped turning.



Tipping height is 290 cm/115 in so emptying the stone container to larger trailers is easy.

Standard equipment:

- Soil collecting
- Sieve (40,50,70mm)
- Tyres 560(22in)/60-22.5
- Bogie 560(22in)/60-22.5, as standard only with K-P 7
- Walking tandems on rakes for K-P 5 and K-P 6
- Tipping height 290 cm/115 in
- Hydraulic working depth adjustment
- Strong tines and auxiliary tines 12x45
- Towing hook fastening
- All PTO shafts

Optional accessories:

- Rotor lift
- Flex Drum
- Bogie 560(22in)/60-22.5
- Rotation guard
- Extra strong tines and auxiliary tines 13x50mm/0.51x2in
- Air brakes
- 1-circuit hydraulic brakes
- Scharmuller ball coupling
- Mud guards



All tine sizes give way sideways to prevent blockages. That's why rotation backwards is not required. 13x50mm/0.51x2in tine is much more durable than standard 12x45mm/0.47x1.8in tine and this lengthens the maintenance interval.



NEW

KIVI-PEKKA 7

Boost your stone picking!

The spring season is a busy time when all the work has to be done as efficiently as possible. To facilitate stone picking, PEL-Tuote Oy now brings you improved efficiency with the new Kivi-Pekka 7.

In comparison with Kivi-Pekka 5, performance has improved considerably since Kivi-Pekka 7 can pick stones with 40% greater efficiency.

The new Kivi-Pekka 7 features include stone hopper volume of 3 m³/4 yd. working width of 7 m/23 ft and maximum stone size of 50 cm/20 in. The lifting drum is widened and it now has 33 tines. The standard tipping height is 2.9 m/115 in.

The tire options are as follows: Single 560/60-22.5 standard, walking tandems 560(22in)/60-22.5 or hight flotation single tire 700(28in)/45R22. By using large bogies, you can attain low ground pressure.



TECHNICAL SPECIFICATIONS: KIVI-PEKKA STONE PICKERS

	KIVI-PEKKA 4	KIVI-PEKKA 5	KIVI-PEKKA 6	KIVI-PEKKA 7
Weight kg/lb	4000/8800	5000/11000	5400/11900	6500/14300
Working width cm/ft	400/13'	500/17'	600/20'	700/23'
Stone size cm/in	2,5-30 (50)/1-12 (20)	2,5-30 (50)/1-12 (20)	2,5-30 (50)/1-12 (20)	2,5-30 (50)/1-12 (20)
Output kg(lb)/min	700(1500)/min	1000(2200)/min	1200(2600)/min	1400(3000)/min
Stone hopper volume m ³ /yards	1,5-2/3	1,5-2/3	1,5-2/3	3/4
Tire size				
Single tire	560(22in)/60-22.5 700(28in)/50R26.5	560(22in)/60-22.5 700(28in)/50R26.5	560(22in)/60-22.5 700(28in)/50R26.5	
With bogies	500(20in)/50-17 bogie	500(20in)/50-17 bogie	500(20in)/50-17 bogie	560(22in)/60-22.5 bogie
Rotor support wheels	195(7.7in) x 14 bogie	195(7.7in) x 14 bogie	195(7.7in) x 14 bogie	195(7.7in) x 14 bogie
Power requirement	70 hp	80 hp	80 hp	100 hp
Oil demand l(gal)/min	20(5.3)/min	20(5.3)/min	20(5.3)/min	20(5.3)/min
Running speed	1-6 km/h(0,1-4 mph)	1-6 km/h(0,1-4 mph)	1-6 km/h(0,1-4 mph)	1-6 km/h(0,1-4 mph)
Lifting drum	18 tines	28 tines	28 tines	33 tines



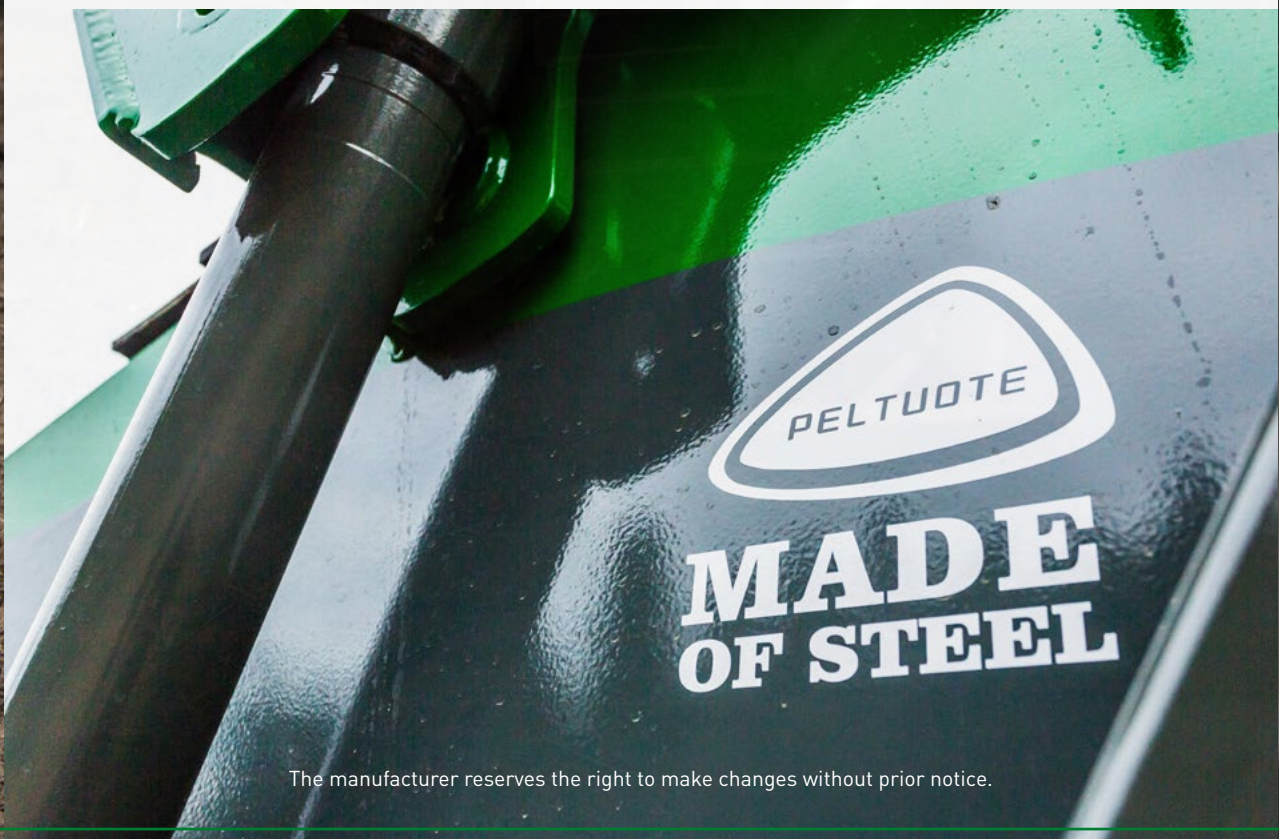
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Your local dealer



The manufacturer reserves the right to make changes without prior notice.