

KAPLAN 140 - 175 - 200
STONE PICKER – FIELD TYPE



The KAPLAN stone picker machine collects stones from the surface of the ground and up to a depth of 35 cm, storing and discharging them at the desired location.

Designed with a special spring-drum and sieving system, it effortlessly collects stones with diameters ranging from 3 cm to 45 cm, maximizing soil efficiency without straining the machine or the tractor.

The specially developed vibrating sieve allows operation in moist soil while preventing stone jams.

It is suitable for use in stony fields, orchards, greenhouses, and all other land types that require soil preparation.

Additional Features:

HOPPER

Its robust structure, supported by hydraulics, enables high discharge reach.
The large-volume design prevents soil retention.

CHAIN TENSIONER

The specially designed tensioning system keeps the chain taut, ensuring long-lasting performance.

SPRING-SIEVING SYSTEM

The spring- sieving system gently guides large-diameter stones into the hopper without strain.
It allows easy operation in moist soil and prevents soil from entering the hopper, enhancing tractor mobility.

SPRING-DRUM SYSTEM

The specially designed drum system reduces friction and extends the lifespan of the blades and springs.
It prevents stone jamming while effortlessly taking stones of 45 cm diameter and 80 kg weight into its hopper by stretching upwards with its spring system.

TRACTOR HYDRAULIC CONNECTION

The machine connects to the tractor's hydraulic arms, enabling operation at depths up to 35 cm.
It improves tractor maneuverability, reduces fuel consumption, and protects machine components from strain, even when handling rooted stones.

CAST LINKAGE

The specially designed three-hole cast linkage prevents wear on the linkage and eliminates friction against the sieve.

 KAPLAN 140 TECHNICAL SPECIFICATIONS

LENGTH	5000 mm	WIDTH	2250 mm	HOPPER WIDTH	1280 mm	SAFETY SYSTEM	PTO SHAFT WITH CLUTCH
HEIGHT	2550 mm	WORKING WIDTH	1400 mm	HOPPER DISCHARGE HEIGHT	2200 mm	TIRE SIZE	12.5/80-18
WEIGHT	3180 kg	FRAME WIDTH	1700 mm	HOPPER DISCHARGE ANGLE	40°	PTO SPEED (REAR SHAFT)	540 rpm
HOPPER CAPACITY	1.8 m ³	WORKING DEPTH	300 mm	BLADE NUMBER	36	DRUM SPEED	93 rpm
HOPPER CAPACITY	4500 kg	MIN/MAX STONE DIAMETER	30-400 mm	MINIMUM REQUIRED POWER	70 HP		

 KAPLAN 175 TECHNICAL SPECIFICATIONS

LENGTH	5000 mm	WIDTH	2600 mm	HOPPER WIDTH	1620 mm	SAFETY SYSTEM	PTO SHAFT WITH CLUTCH
HEIGHT	2550 mm	WORKING WIDTH	1750 mm	HOPPER DISCHARGE HEIGHT	2200 mm	TIRE SIZE	12.5/80-18
WEIGHT	3555 kg	FRAME WIDTH	2050 mm	HOPPER DISCHARGE ANGLE	40°	PTO SPEED (REAR SHAFT)	540 rpm
HOPPER CAPACITY	2.3 m ³	WORKING DEPTH	300 mm	BLADE NUMBER	48	DRUM SPEED	93 rpm
HOPPER CAPACITY	6000 kg	MIN/MAX STONE DIAMETER	30-400 mm	MINIMUM REQUIRED POWER	80 HP		

 KAPLAN 200 TECHNICAL SPECIFICATIONS

LENGTH	5000 mm	WIDTH	2850 mm	HOPPER WIDTH	1800 mm	SAFETY SYSTEM	PTO SHAFT WITH CLUTCH
HEIGHT	2550 mm	WORKING WIDTH	2000 mm	HOPPER DISCHARGE HEIGHT	2200 mm	TIRE SIZE	12.5/80-18
WEIGHT	3850 kg	FRAME WIDTH	2300 mm	HOPPER DISCHARGE ANGLE	40°	PTO SPEED (REAR SHAFT)	540 rpm
HOPPER CAPACITY	3 m ³	WORKING DEPTH	300 mm	BLADE NUMBER	56	DRUM SPEED	93 rpm
HOPPER CAPACITY	8500 kg	MIN/MAX STONE DIAMETER	30-400 mm	MINIMUM REQUIRED POWER	90 HP		