

Stonebear 2.60



# The Stonebear 2.60

Removing stones  
the easy way

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# Highly productive stone picking

Eliminating manual removal of stones can save valuable time in farming. The new generation of stone picking machines from Kongskilde is more efficient than ever.

**At Kongskilde,** we see a big potential for elimination of the hard work of manual stone picking within agriculture. The second generation Stonebear – the 2.60 – offers a high productivity with its 6.2 metres working width.

Kongskilde's experience is reflected in the high capacity and heavy-duty design of lifting rotor and screen. The Stonebear 2.60 collects stones up to 50 centimetres, offers a new high-tipping feature and provides a large hopper capacity of 5 tons.

### **Rake and collect in one operation**

Utilizing adjustable depth control wheels, the Stonebear rakes are designed to follow the contours of uneven fields, enabling stone pick-

ing after germination. Heavy-duty spikes, made of high tensile steel in a spiral arrangement, draw the stones to the centre of the machine onto the sieve.

The stones are sieved by tines on a rotor over the exchangeable sieve after which tines lift the stones into the hopper.

When the storage hopper is full, a unique hydraulic dumping system and the tipping height up to 3 metres allow easy discharge directly into a dump trailer, truck or pile. With the high-tipping feature, stones can be dropped straight into a truck.

### **High productivity**

Theoretically, the Stonebear 2.60

has a capacity of up to 2 ha/h at a 6 km/h speed. A decisive factor for productivity is the capacity of the hopper. The volume of 2.4 m<sup>3</sup> and the load of up to 5 tons of stones, offers the best load capacity in the market.

### **Removes stones up to 50 cm**

Thanks to heavy-duty design of lifting rotor and screen, stones from 3 centimetres up to 50 cm in diameter can be picked up. The lifting rotor of Stonebear 2.60 is equipped with the well-known and strong Kongskilde VTH tines that increase durability of wear parts and reduce operating costs. Further, the new sieve design allows the stones to roll into the tank for maximum cleaning effect.

| *The efficient design of the rakes, lifting rotor and screen leaves the soil surface smooth and even after operation, ready for seedbed preparation or other purposes.*

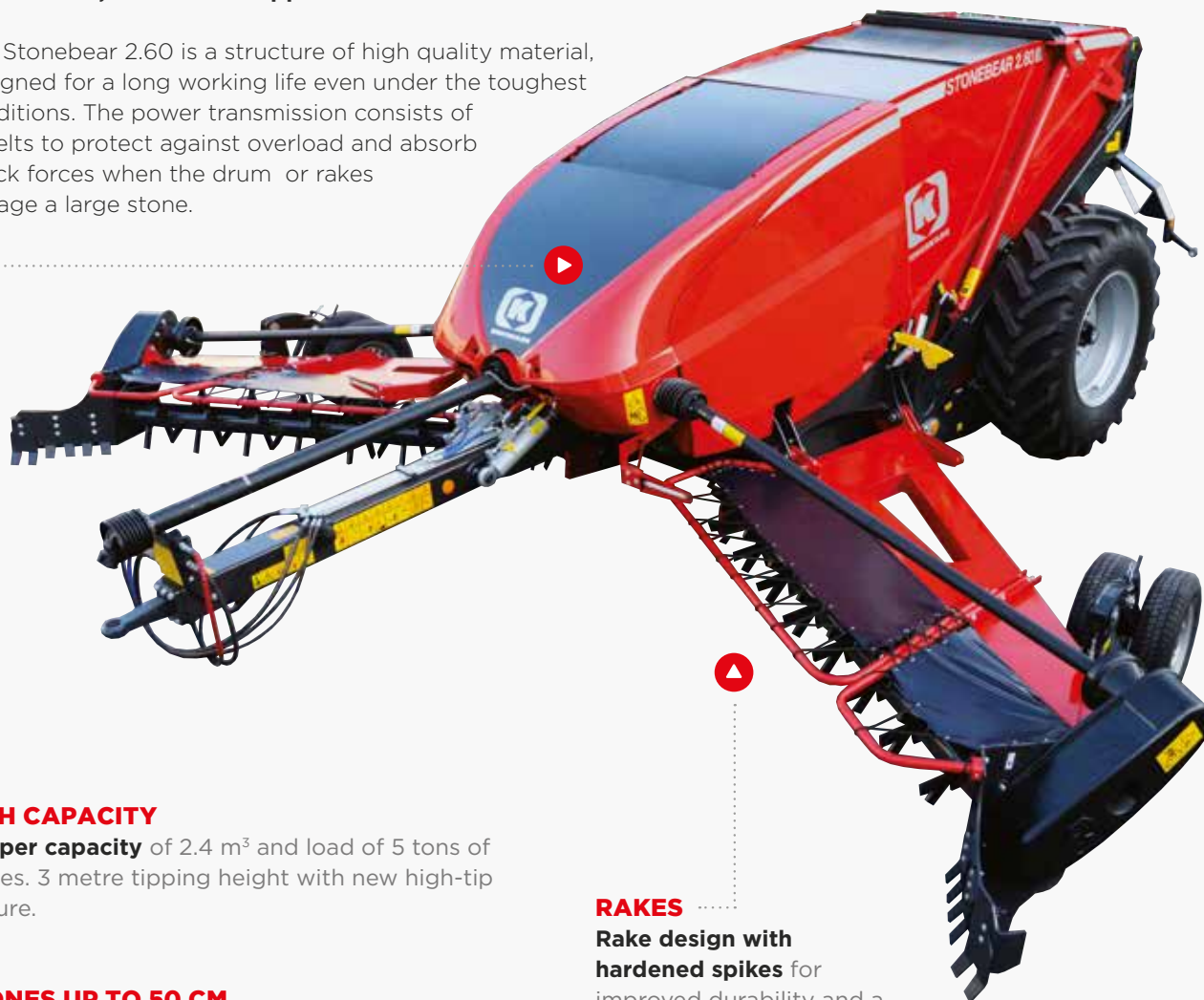
| *Easy discharge with a tipping height up to 3 metres.*



# A versatile **heavy-duty tool**

**The Stonebear can be utilised for a number of applications: Agricultural use, construction, recreational applications and more.**

The Stonebear 2.60 is a structure of high quality material, designed for a long working life even under the toughest conditions. The power transmission consists of V-belts to protect against overload and absorb shock forces when the drum or rakes engage a large stone.



## **HIGH CAPACITY**

**Hopper capacity** of 2.4 m<sup>3</sup> and load of 5 tons of stones. 3 metre tipping height with new high-tip feature.

## **STONES UP TO 50 CM**

**Thanks to the heavy-duty design** of lifting rotor and screen, stones of up to 50 cm in diameter can be picked up.

## **LIFTING ROTOR**

**Lifting rotor** with 30 Kongskilde VTH tines.

## **TINES**

**The Kongskilde VTH tines** are recognised for long durability of the wear parts and reduced operating costs. Two different tine dimensions are available – 13 and 16 mm - for the lifting rotor.

## **DEPTH**

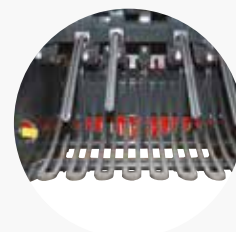
**The working depth of the sieve** is controlled hydraulically from tractor cab.

## **RAKES**

**Rake design with hardened spikes** for improved durability and a smooth, even soil surface after operation. The special design of the spike pattern ensures lower draft requirement.

## **EASY-TO-CHANGE SIEVES**

**A new patented, easy-to-change sieve design** ensures a smooth soil flow. More soil is removed from the stones and the “angled” design of the bars limits stone jams.



## **TRANSPORT FRIENDLY**

**The stone-rakes are raised and lowered hydraulically** in one smooth operation by single acting hydraulic cylinders w/o demounting the PTO shafts for the stone-rakes.

# Technical specifications:

## Stonebear 2.60

STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
<ul style="list-style-type: none"> <li>• Wide spacing stone rakes</li> <li>• Lifting rotor with 30 VTH tines</li> <li>• 45 mm sieve</li> <li>• 6 spare VTH tines</li> <li>• 3 spare stems</li> <li>• Road-light equipment</li> <li>• Hydraulic rake lifting w. mechanical locks</li> <li>• High tipping function</li> <li>• Basic hydraulic depth control</li> <li>• Tractor pattern tires 18,4 R30 (2,5 m transport width)</li> <li>• PTO shaft for 540 rpm</li> </ul>	<ul style="list-style-type: none"> <li>• 35 mm and 65 mm sieves</li> <li>• 50 mm hook, K80 ball and adaptor for clevis insert (NAFTA)</li> <li>• 1000 RPM PTO</li> <li>• Pneumatic brakes</li> <li>• Wide tires ALLIANCE 329 R-3 16PR 159A8 (3,0 m transport width)</li> </ul>

Model	Working width	Transport width	Max working depth	Tipping height	Machine length	Machine weight	Hopper capacity	Stone size capacity	Collection capacity	Area capacity
2.60	6.2 m	2.55 m	7 cm	1.8-3.1 m	6.75 m	4,900 kg ± 50 kg	5,000 kg	3.0-50.0 cm	Up to 1.3 tons/min	Up to 2 ha/h

**Tractor requirement:** Minimum power requirement is 80 hp, but optimal performance is achieved with larger tractors with around 100 to 120 hp.

**Hydraulic requirement:** Four hydraulic outlets with pressure of 200 bar.

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