

Stoneburier ST400 - ST600



The image shows a red Kongskilde Stoneburier ST-600 attached to a green tractor. The machine is positioned in a field, with a large, textured roller in the foreground. The tractor's rear wheel and part of its body are visible on the right. The background consists of a grassy field and a distant building under a clear sky. The text 'Stoneburier ST-600' is visible on the side of the machine.

# Stoneburier ST400 - ST600

A complete range of Stoneburiers



ST400S-180M with rubber roller

### Stoneburier

The ideal machine for soil preparation, the STONEBURIER is designed to prepare perfect seed beds, both for flat field crops (grass, turf, vegetables) or for vegetable planting in beds (tomatoes, strawberries, carrots, onions etc.).

The reverse drive rotor lifts the soil to the front of the machine and then passes it through a sieve, which separates stones and clods from the soil. The result is a structured seedbed with two separate layers, with the stones laying 8-10 cm below the surface of the soil. This ensures:

- Perfect operation of the seed drill or planter
- Better crop implantation: The first growing phase is crucial
- Trouble free operation of the following operations: mower, harvester etc.
- For turf plantations: even surface for sport practice (golf, football etc.).

### Flexi-Top

The STONEBURIER is equipped with a flexible rubber hull, Flexi-Top, with patented variable geometry. This feature helps the machine to avoid

the most common disadvantages which are often associated with this type of machine:

#### 1. Work in wet soils:

The rubber top helps avoid soil sticking and gives longer free operation than steel hull machines.

#### 2. Noise level:

The machine works at a substantially lower noise level than a conventional machine even in fields with a high stone content.

#### 3. Frame deformation:

No permanent deformations of the frame are expected due to stone impacts. The rubber absorbs the energy of the impacts from the stones, and this is not transmitted to the frame. After long use, just change the rubber hull as a wearing part, and the machine is back to 'as new' condition. In order to handle extreme conditions, the ST600 can also be equipped with steel hull.

#### 4. Transmission loading:

The machine is protected by a friction clutch, but beyond this, if a severe stone blockage occurs, the rubber top reduces excessive transmission loading.

The machine performs best in soils with stones no larger than 12 cm.



The levelling board helps to leave a perfect seed bed.



The Flexi-Top rubber hull absorbs impacts and works in wet soil.



In one pass a radical change ready for drilling.



Oscillating front on the rubber hull.



In only one pass the machine prepares a perfect seed bed, burying stones, clods and vegetal residues.

### **Rubber roller**

Specifically designed with wet soils in mind, the flat pattern rubber roller allows the machine to work in damp conditions with no rotor blockages.

### **Not only for stones**

The STONEBURIER is a genuine one-pass machine; as well as burying stones it will also bury the residues of the previous crop. These residues will then decompose without interfering with drilling and also allow the next crop to establish itself ahead of weeds and other competing plants.

2 ranges are available to suit a variety of applications;

### **ST400**

ST400 is designed for tractors up to 75 HP, and with working widths from 1,30 m to 2,05 m it is available with net roller, rubber roller or bed former, and is aimed at contractors for small landscaping and vegetable production.

### **ST600**

ST600 is designed for tractors up to 170 HP, with working widths from 1,80 to 3,05 m. It is also available with rubber roller, slick roller or bed former. Recommended for intensive farming and landscaping. Very suitable also for quick crop change in a single pass. The machine has also been designed for combination with seed drills.



The sieve is spring loaded.

# ST-400 and ST-600, a complete range of Stoneburiers

## Technical Data

Model	Working width cm	Transport width cm	rpm	Weight kg	Number of blades	Number of beds	Tractor HP	
ST400S-130M-RD	130	152	251	480	30	-	40-75	
ST400S-130M-RG	130	152		480	30	-	40-75	
ST400S-130M-BF	130	152		502	30	1 x 155	40-75	
ST400S-155M-RD	155	177		560	36	-	40-75	
ST400S-155M-RG	155	177		560	36	-	40-75	
ST400S-155M-BF	155	177		595	36	2 x 90	40-75	
ST400S-180M-RD	180	202		640	42	-	45-75	
ST400S-180M-RG	180	202		640	42	-	45-75	
ST400S-180M-BF	180	202		673	42	2 x 100	45-75	
ST400S-205M-RD	205	227		720	48	-	50-75	
ST400S-205M-RG	205	227		720	48	-	50-75	
ST600-180-G	180	200		270	950	42	Optional	80-170
ST600-180-A	180	200			970	42	Optional	80-170
ST600-205-G	205	225	990		48	Optional	90-170	
ST600-205-A	205	225	1020		48	Optional	90-170	
ST600-255-G	255	275	1180		60	-	110-170	
ST600-255-G/E	255	275	1200		60	-	110-170	
ST600-255-A	255	275	1210		60	-	110-170	
ST600-255-A/E	255	275	1220		60	-	110-170	
ST600-305-G	305	325	1305		72	-	120-170	
ST600-305-G/E	305	325	1325		72	-	120-170	
ST600-305-A	305	325	1335		72	-	120-170	
ST600-305-A/E	305	325	1345		72	-	120-170	

Subject to be changed without notice. 101002366 EXP/CB/ST400-600/BRC/1017

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