

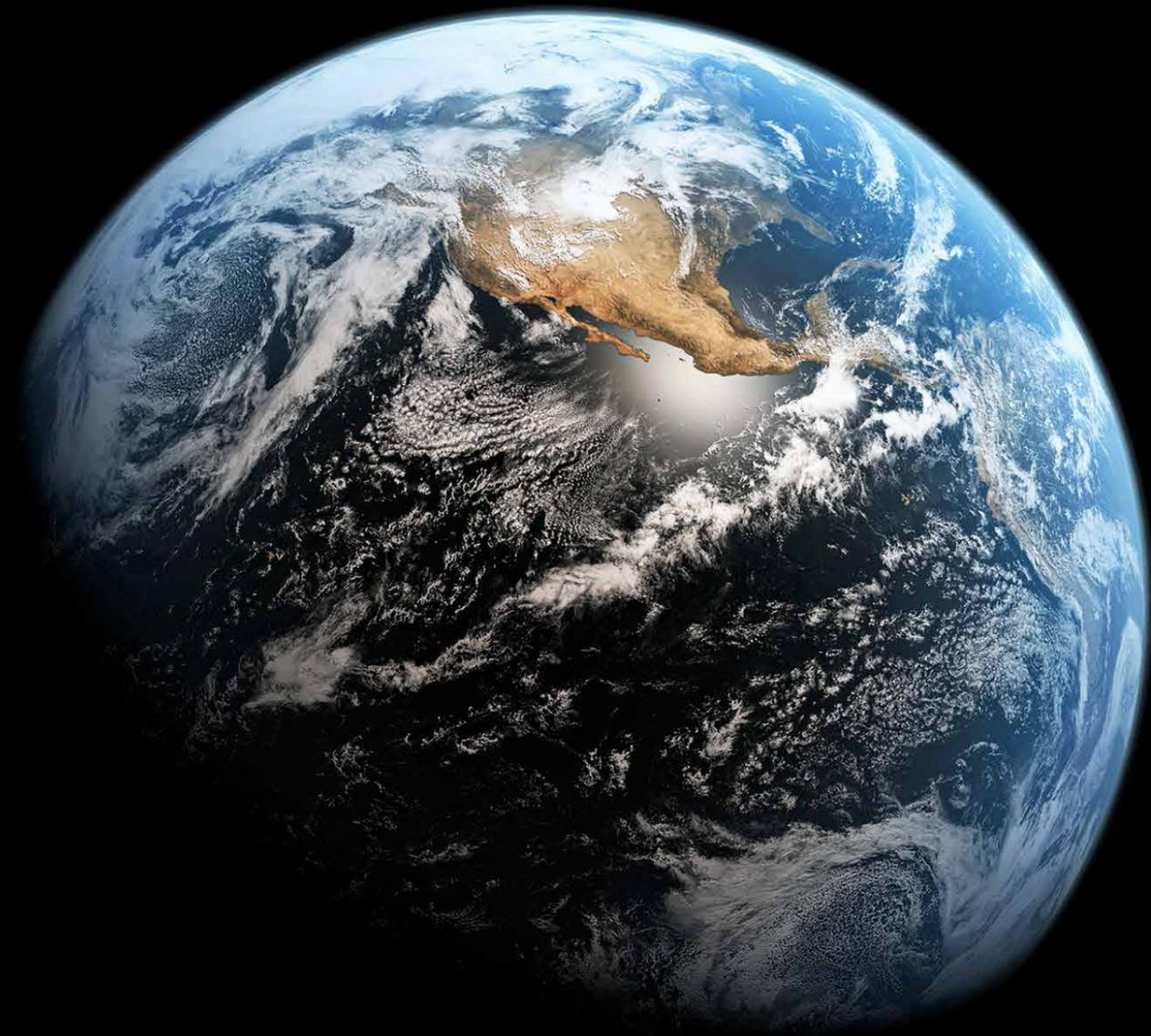


Terra Select 

Star Screens

The realisation that natural resources are finite has pushed people into thinking about their lifestyle. This is why we are now more attuned to the idea of nature being a valuable asset that needs to be safeguarded for future generations. The development of sustainable solutions is the active way to contribute to a future worth living, and is something that our employees engage in on a day-to-day basis.

Karlgünter Eggersmann,
CEO



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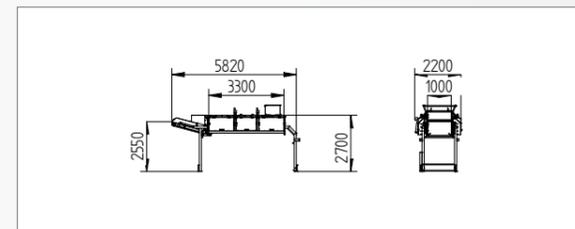
R 60 / R 70



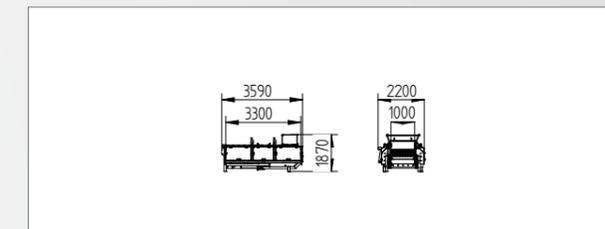
Technical data

R 60:	
Screening panel length	3,300 mm
Screening panel width	1,000 mm
Weight	approx. 3,000 kg (depending on screening configuration)
R 70:	
Screening panel length	4,900 mm
Screening panel width	1,200 mm
Weight	approx. 5,000 kg (depending on screening configuration)

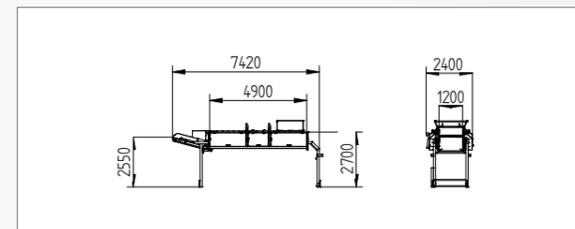
R 60: Working position



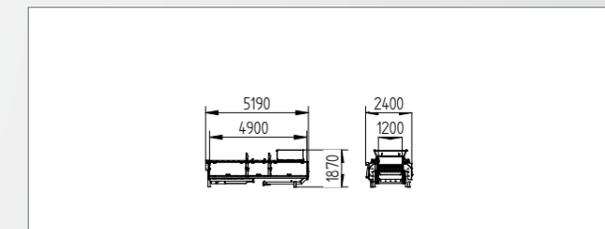
Transport position



R 70: Working position



Transport position



Terra Select R 60 / R 70

The mobile R 60 or R 70 Screening Panel is used to achieve further fractioning downstream of Terra Select trommel screening machines. The screening panel is set up behind the fine or coarse-grain conveyor and powered by the optional auxiliary drive of the trommel screening machine.

- Flexibility: 3-fraction screening if required, otherwise the full performance capability of a Terra Select trommel screening machine without the screening panel
- Mobility: The R 60 Screening Panel can be transported on the infeed hopper of a T 50 or T 60 using hydraulic folding supports and a mounting for the rapid changer of a suitable wheel loader.
- The R 70 Screening Panel is ideal for achieving greater throughput rates or as an oversize grain separator, thanks to the larger screening surface. The R 70 Screening Panel can be equipped for transporting on a hook lift platform.

Special features: cost-effective screening for further fractioning, folding supports for mobile applications



Transport on the infeed hopper



R 70 with windsifter



Screening Panel - Terra Select R 60 / R 70

Z 60

Terra Select Z 60

The Z 60 Screening Panel Insert from Terra Select has been developed for the Terra Select T 60 trommel screening machine to expand its application options and increase its flexibility.

- Efficiency: Simple replacement of the screening trommel with the Screening Panel Insert enhances the screening capacity of the Terra Select T 60 for certain materials by up to 40%.
- Flexibility: Star screening technology can be used here in a trommel screening machine for applications which require greater throughput rates (e.g. for compost). Where the application purpose changes again, the Screening Insert can be removed in no time at all and the screening trommel is ready for use again.
- The Screening Insert is equipped with an aggressive metering roller for optimum material distribution and is powered using the auxiliary drives of the screening machine.

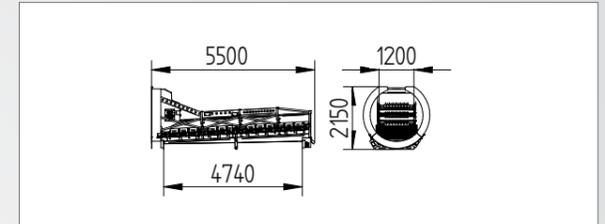
Special features: quicker changing between star screening technology and the screening trommel— one machine for every application



Technical data

Screening Panel Insert length	5,500 mm
Screening Panel Insert width	1,200 mm
Weight	approx. 4,000 kg (depending on screening configuration)

Working and transport position



Hydraulic drive through the T 60



Numerous different star configurations are available



Screening Panel Insert - Terra Select Z 60

HKS 50



Terra Select HKS 50

The HKS 50 is a hook lift mobile screening machine which can be used downstream of a trommel screening machine or crusher. It can be employed as a completely mobile solution for oversize separation or fine fraction screening.

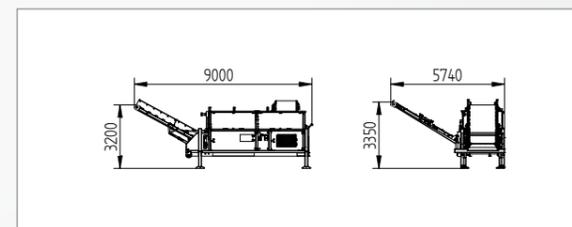
- Flexibility: The integrated optional diesel generator transforms the HKS 50 into a completely independent screening machine. The cassette design of the screening panels ensures that the HKS 50 is ready for quick, uncomplicated screening panel changes.
- Customer orientation: A variety of addition equipment options mean that the HKS 50 can be optimally adapted to suit customer wishes. For example, hydraulic supports can be ordered to raise the complete screening machine. This option enables the achievement of a larger material cone under the discharging conveyors.
- The HKS 50 achieves much more impressive screening capacities as a 2-fraction screening machine, thanks to generously dimensioned conveyor belts and a screening surface of 5.5 m².

Special features: compact design, dedicated drive for independent operation

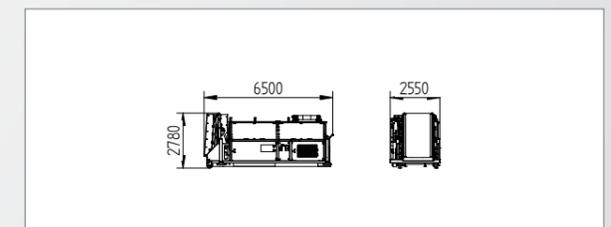
Technical data

Screening panel length	4,600 mm
Screening panel width	1,200 mm
Fine grain belt length	6,100 mm
Fine grain belt width	1,000 mm
Coarse grain belt length	4,100 mm
Coarse grain belt width	1,340 mm
Drive	48 kVA
Tank capacity	260 litres
Weight	approx. 8,000 kg (depending on screening configuration)

Working position



Transport position



Towing bar



Hydraulic supports



Star Screen - Terra Select HKS 50

S 50



Technical data

Screening panel length	6,900 mm
Screening panel width	1,200 mm
Effective screening area	8.3 m ²
Drive	48 kVA
Tank capacity	300 litres
Fine grain belt length	6,700 mm
Fine grain belt width	1,000 mm
Oversize grain belt length	5,900 mm
Oversize grain belt width	1,200 mm
Hopper	8 m ³
Width	4,700 mm
Depth	1,850 mm
Approved total weight	19,000 kg

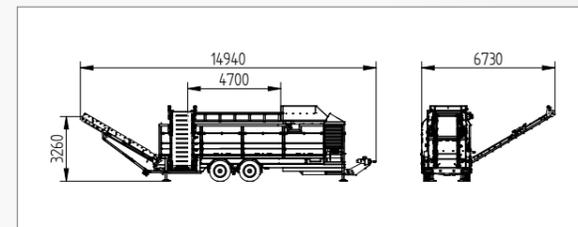
Terra Select S 50

The S 50 Star Screen is the ideal machine for greater throughput rates and screening two fractions with a clean cut. The standard machine equipment meets every requirement, and every necessary option is already integrated as a standard feature.

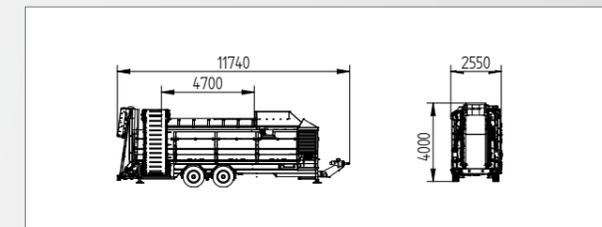
- Flexibility: Screening panels are fitted to suit the desired screening cut, and this can be adapted through the continuously variable drive speed.
- Applications: biomass, bark, waste wood, wood chips, compost
- Thanks to the infeed hopper with a volume of 8 m³ and the wide, galvanised conveyor belts, throughput rates of up to 300 m³/h can be achieved, depending on the material involved.

Special features: Star Screening Panel, 8 m³ hopper with distribution roller, wide, galvanised conveyor belts

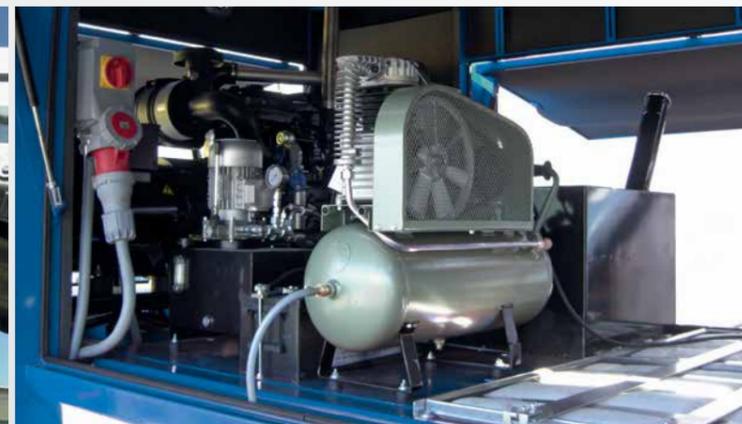
Working position



Transport position



stone conveyor at rear



compressor for cleaning



Star Screen - Terra Select S 50

S 60



Technical data

Coarse screening panel length	4,300 mm
Coarse screening panel width	1,200 mm
Effective screening area	5 m ²
Fine screening panel length	6,900 mm
Fine screening panel width	1,200 mm
Effective screening area	8.3 m ²
Drive	72 kVA
Tank capacity	300 litres
Fine grain belt length	6,700 mm
Fine grain belt width	1,000 mm
Medium grain belt length	6,700 mm
Medium grain belt width	1,000 mm
Oversize grain belt length	2,000 mm
Oversize grain belt width	1,340 mm
Hopper	7 m ³
Width	4,000 mm
Depth	1,850 mm
Approved total weight	24,000 kg

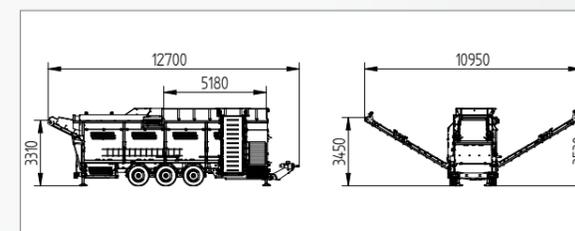
Terra Select S 60

Customer expectations of a recycling machine in this performance class have played a decisive role in the development of the S 60. The wide, one-piece discharge conveyors are ideally arranged opposite to each other and facilitate movement of the machine into the working position. Large maintenance flaps provide exemplary access to the machine. A high tilting wall facilitates feeding of material into the large hopper. This prevents the material from tipping over during the loading process. The standard machine equipment meets every requirement.

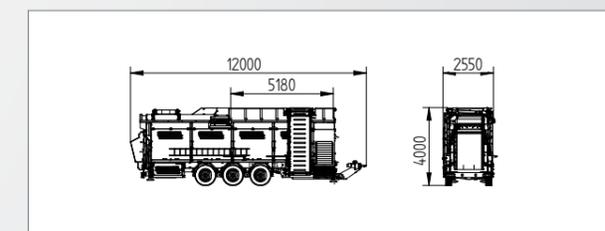
- The S 60 is extremely economical, thanks to the entirely electric drive with an optional diesel generator.
- The S 60 Star Screen impresses through high throughput rates of up to 300 m³/h during 3-fraction screening.
- Applications: biomass, bark, waste wood, compost, wood chips

Special features: maintenance-friendly structure, Star Screening Panel, different steel and rubber stars available

Working position



Transport position



plated polyurethane screening stars



windsifter



Star Screen - Terra Select S 60





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