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ORGANIC FERTILIZER SPREADER

SRS and SRS-H



Organic fertilizer spreader SRS for arboretums enables an even substrate spreading on arboretums' areas. The organic fertilizer is dosed with an adjusted speed, then mixed with soil and finally rolled. The application of the spreader is especially recommended for organic fertilizers that are susceptible to fast drying as mixing them with soil takes place immediately after spreading on the surface.

The construction of the spreader allows for spreading of various loose materials of granularity similar to for example fine compost.

However, fertilizers that come in lumps (e.g. manure) or which are powdery granulates (e.g. chemical fertilizers) cannot be spread using this equipment.



Gold Medal of
XI Fair of Forestry, Wood Industry and Environmental Protection "EKO-LAS"
Tuchola
4 - 6 of September 2008
Organic fertilizer spreader SRS

TECHNICAL PARAMETERS

PARAMETER	VALUE
Length (transport length without the rotary tiller)	5500 mm (4100 mm)
Width	1830 mm
Height	2050 mm
Total weight (empty set)	1470 kg
Wheel size	11.5/80-15
Axle quantity	1 pc
Wheel track	1200 mm
Electric system (for controls)	12 V
Feeder control	Hydraulic
Hydraulic pressure	16,0 MPa
Hydraulic oil pressure	40 – 55 l/min

PARAMETER	VALUE
Rotary tiller drive	Tractor's PTO shaft
Required PTO shaft rotation	540 rpm
Fertilizer container capacity	3 cubic metres
Operating width	1100 mm
Rotary tiller operating width	1250 mm
Roller operating width	1350 mm
Maximum transport speed	20 km/h
Tractor requirements	21 kN Approximately 90 kW
- force on the lower transport hook	
- power	22 kW 400 Nm
PTO shafts	
- torque transmitted	

The components of the spreader, i.e. belt feeder, rotary tiller and the crumbler roller are independently controlled thus the equipment set can work with any of the modules excluded. Construction of the modules allows to use them separately combined with a proper tractor.



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SRS-H organic fertilizer spreader is based on the earlier designed and developed in operation SRS fertilizer spreaders. Like the basic machine it enables an even spreading of the organic fertilizer on the surface of tree nurseries. The fertilizer is dosed with an adjustable rate, then mixed with soil and rolled over by the crumbler roller.

Application of the spreader is especially recommended for organic fertilizers that are susceptible to fast drying as mixing them with soil takes place immediately after spreading on the surface.

A novelty in this version is an own hydraulic system separated from the tractor's hydraulics, that allows for a more precise adjustment of fertilizer dosing pace.

Aggregating with a tractor is reduced only to attachment of the PTO shaft (without the need to connect the device to a tractor's hydraulic system there is no risk of contamination of hydraulic oil).

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