

Operating Instructions

Sembdner Landscaper

RS 50 H II

Manually-Driven



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1. Technical Information

1.1 Model specifications

Technical specifications

RS 50 H II

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|---------------------------|--------------------------|
| Working width | 50 cm |
| Weight | from approx. 60 – 120 kg |
| Seed bin capacity | approx. 40l |
| Length/width/height in mm | 1270/590/940 |

1.2 Intended use

Your new landscaper is to be used exclusively for the seeding of lawns (intended use).

Any other use shall not be considered as intended.

The manufacturer is not responsible for any damage resulting from use other than as intended; the user bears all such risk to a sole and exclusive extent. Unauthorized modifications performed on the machine absolve the manufacturer from any liability attributable to damages resulting from such modifications.

2. General

2.1 Limited liability

We are not liable for any damage or malfunctioning resulting from operational error, non-compliance with this instruction manual or from improper repairs. The SEMBDNER Maschinenbau GmbH company will assume no liability for any damage resulting from the use of non-original replacement parts and/or accessories.

2.2 Warranty

Warranty claims are to be filed immediately after a determination of damage has been made; include all relevant purchasing data. All complaints must be confirmed by our office. Expendable parts are not covered under the warranty.

The warranty becomes void upon:

- improper operation
- use other than as intended
- use of non-original replacement parts

2.3 Accident prevention regulations

The accident prevention regulations of the *Gartenbau-Berufsgenossenschaft* {*German Horticulture Association*} are to apply accordingly.

3. Transport/Initial Startup

3.1 Packing

The landscaper is braced to its transport pallet with tension straps and packed in sheathing cardboard and strapping.

3.2 Scope of delivery

Check for completeness of all parts and accessories upon taking delivery of your landscaper. All claims regarding parts which may have become damaged or lost during transport are to be filed with the shipping firm.

3.3 Pre-startup measures

The guide beam has been removed to facilitate packing. To mount the guide beam, remove the wing nut and washer from the machine's side frame, position the guide beam and adjust to the desired height, tightening in place again with the wing nut and washer. (Please ensure that the dibbler is in the transport position!)

3.4 Machine operation

The control lever for the seed discharge is located on the seed bin.
Closed = when the control lever is all the way over to the right, the seed bin is closed.
Open = seed volume is regulated by the setting element on the guide rail which you can adjust to infinitely variable increments. To open, latch the regulator lever into place in the setting element.

Note: by bearing down on the guide beam, the machine can be easily turned on its drum roller (when doing so, the dibbler should be set in its transport position).

Notes:

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4. Landscaper Functions

4.1 Pre-rolling

The front roller crushes up smaller clods of soil so that seed won't be buried too deeply nor covered by an excessive amount of soil. You can increase the weight by up to 30 kg by filling the front loading bin with various minerals.

4.2 Sowing

The sowing mechanism features a shaft of wear-resistant Perlon brushes which prove to be very effective against small foreign objects and tend not to jam as is the case with more rigid equipment. The seeds held within the seed bin are ejected from the brush shaft through an adjustable perforated plate once the flap has been opened, thereby falling onto the seed deflector.

4.3 Raking

Our patented seed dibbler is a power-driven and floating mechanism.

The dibbler lodges the seeds from the seed discharge plate into the soil and is driven such that each individual spike rakes approximately 3 cm (roll delay).

This works more seed into the ground than if the dibbler were simply to roll along atop the soil.

4.4 Finish-rolling

The drum roller evenly compresses the surface of the soil along with the seed, allowing the seed to germinate faster. You can increase the contact pressure by up to 30 kg by filling the rear loading bin with various minerals.

One advantage of the drum roller is how it allows for easy steering and turning of the machine without displacing any soil.

4.5 Filling with seed

Before filling the seed into the sowing machine, the lawn mixture must be thoroughly remixed since it may have become separated or unsettled during its transport!

4.6 Setting the seed quantity

Closed = when the control lever is all the way over to the right, the seed bin is closed.

Open = seed volume is regulated by the setting element on the guide rail which you can adjust to infinitely variable increments. To open, latch the regulator lever into place in the setting element.

Note: After advancing approximately 50 cm with the seed discharge opened and the dibbler in its transport position, it becomes apparent how many seeds are being sown. If you see that the seed quantity is either too high or too low, this can be adjusted accordingly with the setting element.

(Please ensure that the dibbler is set back to operational position after determining the seed quantity.)

4.7 Adjusting the dibbler

The dibbler is set to operational position by pulling upward on the bar past the latching point.

Press down on the bar, past the raster element, to set the dibbler into transport position.

5. Servicing/Maintenance

5.1 Maintenance information

Check the functioning of the sowing mechanism by testing the seed discharge lever.

In order to ensure the smooth functioning of the seed discharge plate, always empty the seed bin after you have finished working.

All friction bearings are self-lubricating and thus maintenance-free!

5.2 Troubleshooting

Machine malfunctions requiring any greater degree of effort to remedy should always be repaired by specialist repair shops. Improper repairs can cause greater damage.

5.3 Replacement parts

Use only genuine original replacement parts from the SEMBDNER company – you will otherwise void your warranty.

5.4 Customer service

Technical information can be requested from our own qualified personnel or our retailers, agricultural machinery dealers and engine specialists.

Our foreign customers can call on our authorized national representatives/repair shops. If necessary, you can also contact our factory for fast and friendly assistance.