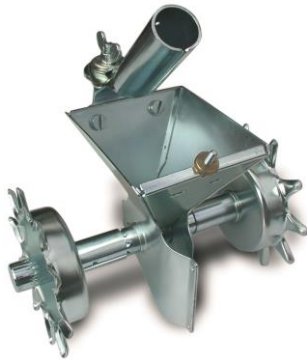


## Small seeders

One- and four-row

*seed drills for  
gardeners and hobby gardeners  
who want to achieve professional results.*



K 1



K4

As opposed to broadcast sowing, **row sowing** has the advantage that plants can develop better. They have more space and light.

**Seed saving** by exact placement of the seed.

**Higher yield** from strong plants. Facilitated soil cultivation when scarifying and loosening during growth.

**Proven sowing technique** at the same distance and constant depth. Pre-ploughing a seed furrow is not required, because the sowing coulter performs this job. Moreover, the sowing coulter takes care of wind protected seed drop.

**Spreading the seed** is performed using a sowing shaft that passes through the seed box scoop and which is driven via the two running wheels. Adjustment is made by moving the sowing shaft and by turning the brush gate upward or downward according to the kind of seeds, their size and the desired sowing quantity. The seed furrows are ploughed with the coulter attachment and the seed falling in is self-covered with soil again. The wheel track marks the next row. There is an additional marking device for larger row spacing.

**Kinds of seeds** which can be sown with the machine: Vegetable and flower seeds, seasoning herbs as well as various forest seeds, from the smallest sizes, such as marjoram, poppy, clarkias, godetias, digitalis to pansies, cloves, as well as lettuce, endives, all cabbage varieties, carrots, parsley, leeks to radish, small radish, spinach and many others

The **seed drills** are all-metal, of robust design, galvanised and therefore indestructible. Their use does not require any particular skills.

**From the operational point of view**, small seed drills have the advantage that work can be done in an upright position without straining your back.

The **sowing shafts** have several rows of holes of different sizes. The standard version of the K1 includes two shafts.

A good, finely prepared seedbed is recommended for **sowing**.

To achieve optimal success it is necessary to determine the desired sowing quantity per acreage or running metre by **calibrating** prior to sowing. A procedure for this is described in the operating instructions enclosed.

| Technical data                      | K1                     | K4                  |
|-------------------------------------|------------------------|---------------------|
| Weight                              | 1 kg                   | 1.2 kg              |
| System                              | Shaft with holes       | Shaft with holes    |
| Number of rows                      | 1                      | 4                   |
| Row spacing                         | -                      | from 5.5 to 16.5 cm |
| Max. working width                  | -                      | 17 cm               |
| Grain spacing                       | 2.6 to 5.5 cm          | 2.6 to 3.4 cm       |
| Drop height protected from the wind | 6 cm                   | 6 cm                |
| Sowing depth                        | from 0 to 3 cm         | from 0 to 3 cm      |
| Container capacity                  | 250 ml                 | 300 ml              |
| Working speed                       | 2.0 km/h               | 2.0 km/h            |
| Specific feature                    | 2 shafts               | 1 shaft             |
| 6 different seed sizes              | 4 different seed sizes |                     |

**Additional equipment:**

K1 – Marking device for row spacing from 14 – 32 cm.  
 K 4 – Add-on box Seed box volume enlarged by 250 ccm  
 Dispatched without guide handle (22 mm diameter)

## Shaft with holes K1

**Shaft with holes A (small bore hole)**

|                           |                                  |                                   |   |
|---------------------------|----------------------------------|-----------------------------------|---|
| Bore hole d (mm)          | 3                                | 3,5                               | 4                                       |
| Seed spacing approx. (cm) | 2,6                              | 2,6                               | 2,6                                     |
| Suitable for              | Pansis<br>Turnips<br>Cauliflower | Carrots<br>Lamb's lettuce<br>Dill | Small radieh<br>Small radish<br>Parsley |



pic: shaft hole A (small bore holes)

### Shaft with holes B (large bore hole)

|                           |                                  |         |                                  |
|---------------------------|----------------------------------|---------|----------------------------------|
| Bore hole d (mm)          | 5                                | 7       | 10                               |
| Seed spacing approx. (cm) | 2,6                              | 3,4     | 5,5                              |
| Suitable for:             | Radish<br>Lamb's lettuce<br>Dill | Spinach | Peas<br>Red beet<br>Garden cress |

## Shaft with holes K4

### Shaft with holes A (small bore hole)

|                           |                                  |                                    |  |                                     |
|---------------------------|----------------------------------|------------------------------------|--|-------------------------------------|
| Bore hole d (mm)          | 3,0                              | 4,0                                | 5,0                                    | 6,5                                 |
| Seed spacing approx. (cm) | 2,6                              | 2,6                                | 2,6                                    | 3,4                                 |
| Suitable for              | Pansis<br>Turnips<br>Cauliflower | Small radish<br>Carrots<br>Parsley | Small radish<br>Lamb's lettuce<br>Dill | Spinach<br>Red beet<br>Garden cress |

### Manufacturer / Sales:

Sembdner Maschinenbau GmbH  
Liebigstr. 16  
D – 82256 Fürstenfeldbruck  
Tel.: +49 8141 818 51-0  
Fax: + 49 8141 818 51-14  
Mail: [info@sembdner.com](mailto:info@sembdner.com)  
[www.sembdner.com](http://www.sembdner.com)