

13. OPTION: SEEDER KIT OPERATION

Before using the seed drill kit, it is essential to read the Delimbe seed drill user manual, available on our website in the Customer Area(<https://hege-applications.com/login/>).

1. ⚠ **Electrical connection**

The tractor must be equipped with a **3-pin 12 V** socket (diagram 1) protected by a **30 A** fuse (minimum cross-section 6 mm²).

The necessary **wiring harness** is supplied with the machine.

The **pneumatic seeder** works thanks to a **blower ①** driven by a **12 V electric motor**.

Fig. 1

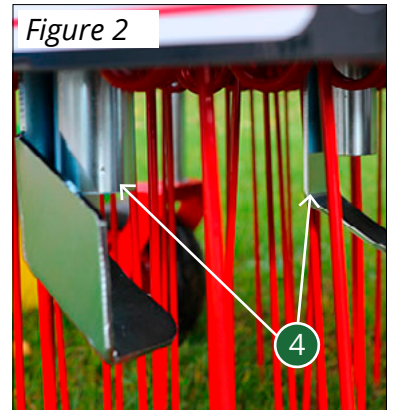


2. Seed distribution

Mechanical seed distribution is provided by a grooved cylinder.

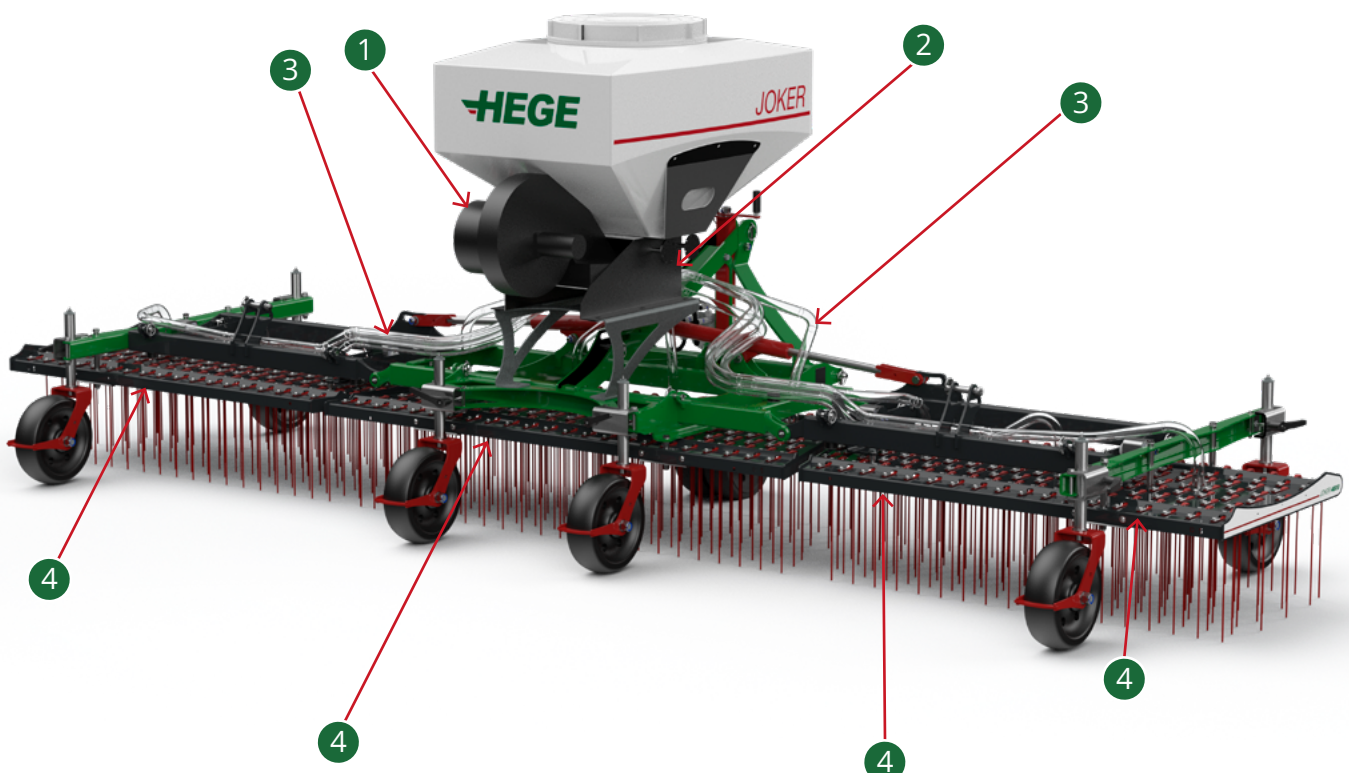
This cylinder is driven by a **self-regulating electric motor ②**.

Figure 2



3. Seed transport

The **air flow generated by the blower** transports the seeds through **flexible plastic tubes ③** to the **seed diffusers ④**.



13. OPTION: SEED DRILL KIT ORDER

When purchasing the **seed drill kit**, a **fixing clamp** is included **1** is supplied to enable installation of the cab-mounted **control box**. This box, included in the kit, is equipped with **three control elements**, as detailed below:

Blower start switch **2**

- Switches on the blower (to blow the seed into the pipes).
- This switch must remain activated continuously throughout the seeding phase.

Seed distribution switch with indicator light **3**

- Activates the seed distribution motor which blows seed into the pipes.
- A green light indicates that seed distribution is in progress.

Rotary flow adjustment switch **4**

- A knob graduated from 1 to 28 enables precise adjustment of seed flow.
- The setting must be adapted to several factors:
 - the type of seed used,
 - the tractor's forward speed,
 - and specific working conditions.

As every situation is different, it's essential to adjust the settings accordingly.

Setting instructions and recommendations :

- For grass seed, please refer to table p. 25
- For all other types of seed, please refer to the manufacturer's documentation.



13. OPTION: SEEDER KIT

SETTING SEED TANK 300 LITERS

Hege Applications recommends the following settings for optimum use of the seeder.

Characteristics of equipment tested:

- **Seeder capacity** : 300 liters
- **Spline used** : Red, 8 fins
- **Motor** : standard wiring, red wire
 - Maximum speed : **50 rpm at 12 V, 70 W**
- **Seed tested: Mixture of 3 Ray-grass varieties**

Important :

The values given below are for guidance only, as actual output may vary according to fluctuations in the tractor's 12 V voltage.

Remark:

The **number of outlets** (nozzles) has no influence **on flow rate**.

Only the **number of turns of the spline** determines the quantity of seed distributed.

	Tractor forward speed (km/h)	Quantity seed (g/m ²)	Setting potentiometer	Spline rotation speed	Autonomy
JOKER 3600 D5, D6	5	12	26	38	9 600
	8	8	max	40	14 400
JOKER 4600 D5, D6	5	10	max	40	11 500
	8	6	max	40	19 000
JOKER 5000 D5, D6	5	9	max	40	12 800
	8	5	max	40	23 100