

INSTRUCTIONS **JOKER**

16. SEEDER KIT

1. Function

The seeder kit is used for reseeding or grassing areas.

2. Installing the seed kit on the Joker

1. ⚠️ **Electrical connection**

The tractor must be equipped with a **12 V, 3-pin** socket (diagram A) 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**.

2. Seed distribution

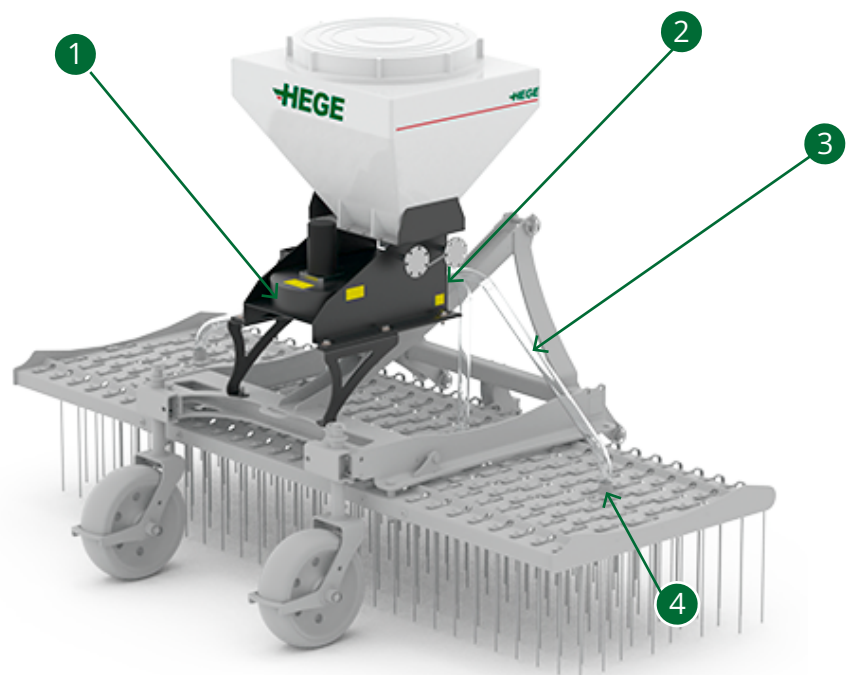
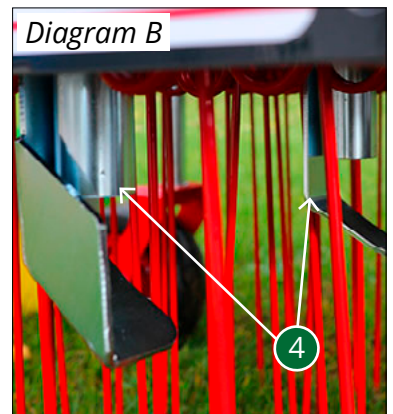
Mechanical seed distribution is provided by a grooved cylinder.

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

For sowing Ray-grass and Fescue grass, we recommend using the red 8-blade coulter, which is fitted as standard on the machine.

3. Seed transport

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



INSTRUCTIONS **JOKER**

16. SEEDER KIT

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.

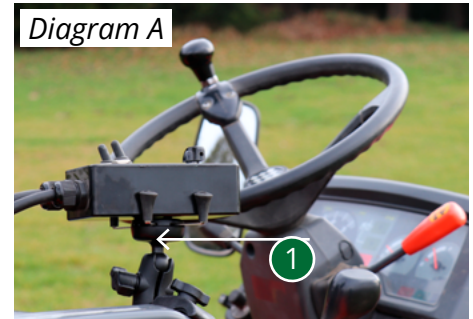
Rotary flow adjustment switch ④

- 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.

You will find our adjustment recommendations on the following page.

For more information, please refer to the Delimbe seeder kit user manual available on our website in the Customer Area (<https://hege-applications.com/login/>).



INSTRUCTIONS **JOKER**

16. SEEDER KIT

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

Characteristics of equipment tested:

- **Seeder capacity** : 120 liters
- **Motor** : standard wiring, red wire, maximum speed: **40 rpm at 12 V, 70 W**
- **Seed tested: Mixture of 3 varieties of Ray-grass**

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	Rotation speed of the spline (rpm)	Autonomy (m ²)
JOKER 2100 D5, D6, D7	5	15	17	27	3 000
		10	12	17,8	4 500
	8	13,8	25	40	3 345
		10	18	28,6	4 620
JOKER 1800 D5, D6, D7	5	15	14,5	23	3 075
		10	11	15,7	4 620
	8	15	23	36,7	3 000
		10	15,5	24,8	4 620
JOKER 1500 D5, D6, D7	5	15	12	17	3 000
		10	9,5	13	4 500
	8	15	19	30,3	3 000
		10	13,5	21	4 500
JOKER 1200 D5, D6, D7	5	15	11	15,7	3 000
		10	7,5	10,6	4 500
	8	15	15,5	24,7	3 000
		10	11,5	16,7	4 500
JOKER 1000 D5, D6, D7	5	15	9,5	13	3 000
		10	6	8,8	4 500
	8	15	13,5	21	3 000
		10	10	13,6	4 500