



SEMOIRS MARAÎCHERS **DE PRÉCISION**
PRECISION SEED DRILLS FOR ALL GRAINS

MANUAL PRECISION SEEDER

SJ Range Essential , Dynamic, Expert

SIMPLE, PRECISE, ROBUST... EBRA!



A really professional manual seeder

Designed for the specific needs of market-gardeners, the SJ seeder uses the principle of distribution of seeds by tilted seed-plate. Initially created by EBRA for field-crop seeders, this system is simple (only one change of disc to switch from one crop to another), precise (seed by seed to approximately 80% for carrot gauge 1.6 - 1.8) and unbelievably general-purpose: from very small seeds (parsley...) to very large ones (broad beans, large beans and even small bulblets)!

Easy and comfortable handling

The EBRA seeder has an ideal weight - it remains in line even in cloddy or stony soil but remains easy to push and stable thanks to its broad wheels. The positioning of the handlebar allows both good steering of the seeder and easy u-turns at line-end by swinging the seeder around on the rear wheel. These features, along with the almost legendary solidity, make the EBRA seeder one of the best in its category for market-gardeners.

Easy to use

This is a widely recognized point - EBRA seeders are simple to use:

- switch from one seed to another very fast - no tools needed
- quick and easy density adjustment
- precise depth adjustment by sliding coulter system
- instant emptying outlet
- tracer to mark the following row (depending on the model)



www.ebra-semoir.fr

DEPUIS 1784 **FIABLE - PRÉCIS - EBRA**

SEVERAL POINTS SPECIALLY DESIGNED FOR THE USER

This equipment is available as standard or optional depending on the seeder model (see description next page)



Depth adjustment by depth-screw + depth indicator



Chute with high-visibility to monitor correct distribution of seeds



Density adjustment by sprockets (no tools, with simple adjustment table)



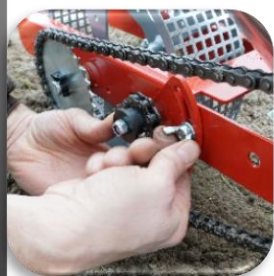
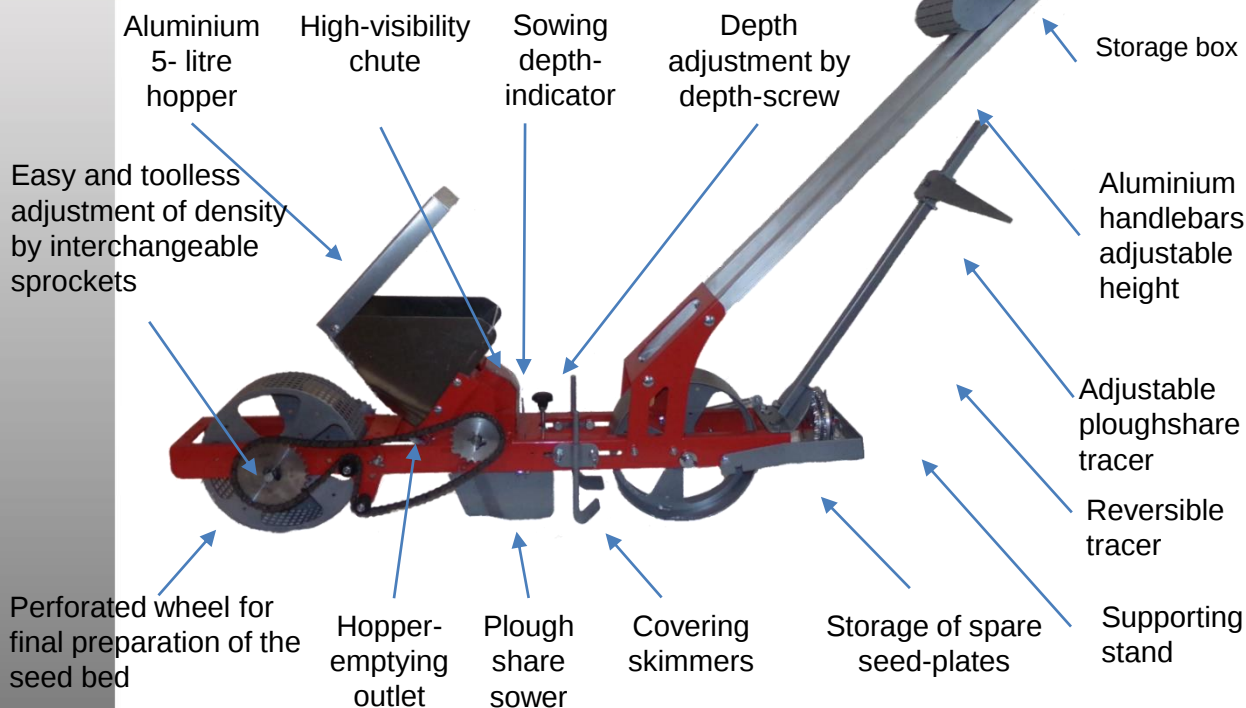
Offset handlebars



Stand and seed-plate support



Storage box



Chain tensioner with simple and super-fast tension-system



Covering skimmers with adjustable blade-height, orientation... & removable quickly and without tools
Model Presented: SJ Expert



Emptying outlet

General Description:

- Precision seeder with mechanical distribution by tilted distributor disc
- Use for a very varied number of seeds, ranging from very small (carrots, parsley) to very large (big beans, broad beans...)
- Sowing capacity: approximately 500 to 800 m² per hour for rows spaced at 30 cm
- Recommended walking speed: 2.5 to 4.5 Km/hr depending on the seeds (except very large seeds or small bulbs: 1 Km/hr)
- 5-litre hopper with instant emptying system

Distribution:

- Sowing blocks with cast iron body, aluminium distributor discs (except for certain special discs which are made of synthetic material)
- Disc driven by conical couple
- Adjustment of density by means of a set of interchangeable sprockets

Seed covering system:

- Planting of seeds by height-adjustable ploughshare sower made of shaped steel
- Depth of sowing regulated by sliding motion of the seed-boot, controlled by depth-screw lever on the Dynamic and Expert models (direct tightening on the downtube on SJ Essentiel)
- Covering of seeds by removable and adjustable skimmers (on SJ Dynamic and Expert) or by chain on SJ Essentiel
- Packing of seeds by the rear wheel after covering by the skimmers (removable)

3 DESIGNS DEPENDING ON YOUR NEEDS

	SJ Essentiel	SJ Dynamic	SJ Expert
Seed covering	Chain	Skimmers	Skimmers
Front Wheel	Smooth	Perforated	Perforated
Rear Wheel	Smooth	Smooth	Smooth
Distribution tube	Standard	High-visibility	High-visibility
Handlebars	Steel	Aluminium	Aluminium
Depth adjustment by depth-screw		✓	✓
Sowing depth-indicator		✓	✓
Offset handlebars		✓	✓
Tracer (adjustable)		✓	✓
Settings table in the hopper		✓	✓
Spare seed-plate (disc) rack		✓	✓
Seed-saving plate			✓
Support stand			✓
Storage box			✓
Dimensions (in cm)	L: 120 – l: 23 H: 41 - With handlebars L: 140 - l: 23 – H: 103		
Weight	20 to 24 kg approx. depending on equipment		



A COMPLETE SERIES OF OPTIONS TO BETTER STILL MEET YOUR NEEDS

SEPEBA Microgranule spreader stainless steel rotor



For all types of microgranules. Injection in the sowing-line or beside the line. 6-litre hopper. Flow rate proportional to ground-speed.

SEPEBA Fertilizer spreader



Fertilizer spreader with stainless-steel block for mineral or organic granulated fertilizer. Flow rate proportional to ground-speed. 6-litre hopper.

Seed-saving plate



Makes it possible to limit the bottom of hopper and to sow with very few seeds. Less than 1 gram remains (tests run on carrot).

Built into the Expert version

Spread sowing shoe



Replaces the standard boot to sow 8 cm wide homogeneous bands, in order to increase density when sowing small seeds.

Rubber rear-wheel



For sticky soils, the packing wheel can be replaced by a rubber wheel, which limits the soil-adherence.

Storage box



This can be used to store sachets of seeds and other useful items (keys, mobile phone).

Optional extra on the Dynamic version and built in to the Expert version

Iron clod-chaser



The clod-chaser (height-adjustable) ejects clods or stones to the sides before the arrival of the seeder wheels.

Tracer

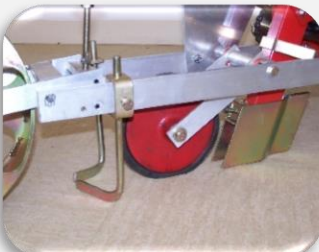


Marks the following row for very parallel sowing-lines.

Reversible & adjustable

Optional extra on the Essentiel version and built in to the other 2 versions

Re-packing (furrow-press) wheel



Stainless steel wheel. It packs the seeds directly in the line before the passage of the rear packing wheel.

Weights



In certain heavy, cloddy or stony soils, for a better re-packing of seeds. Weights of 2.5 kg. Up to 4 per element.

The information, technical descriptions and photos in this brochure are given for information only and are non-contractual, they can be changed at any time and without notice by the manufacturer.

