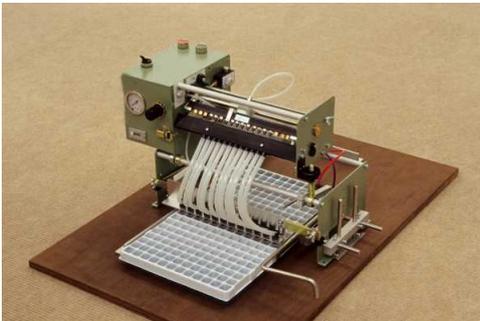


The Hamilton Natural Seeder

FEATURES

SYSTEM 1



TSC200 - Hand Operated Stepper Mechanism.

This entry-level model utilises the same precision seeder used on some of our more expensive seeding lines but fitted with a hand operated mechanism to step plug trays line-by-line under the seeder.

SYSTEM 2



P100PLC - Automatic Tray Indexing Mechanism

Automatic indexing of the plug tray under the seeder, controlled by a microprocessor PLC. Multi-sow and Dwell features are standard.

SYSTEM 3



ECC100P - Conveyor System

Top-of-the-range, PLC-controlled Natural Seeder, with optional Roller Dibbler and Vermiculite Coverer

Speed:

Typical sowing rate for plug trays is around 110 trays per hour. Variable speed is a feature on all models.

Accuracy and Range:

Accuracies of up to 99.9% singulation are possible and dependent on seed and variety. Seeds from Begonia to Melon can be sown with the seeder and accuracy increases with more regular shaped seed. Once set, a high degree of repeat accuracy is ensured.

Versatility:

One of the major advantages of the Hamilton Natural Seeder is that it will sow into almost any plug tray or bedding plant container up to 18 rows wide on the market today. Changing from one tray to another takes only a few minutes, and at negligible cost.

Standard Equipment:

The standard 18-row S1802 Natural Seeder comes complete with a 0.3mm nozzle bar, a glass jar seed collection vacuum cleaner, vacuum reduction adapter, nozzle cleaning wires, seed stop screws (down to six rows), a set of hexagon wrenches, a sheet metal hole punch for making row spacing plates, three blank row spacing plates, an Operators Manual and nylon tubing for compressor and indexer connections. A 20-row seeder is available to special order. Kits are available to update older equipment to the latest specification - consult your dealer for details.

The seeder requires connection to a suitable air compressor with a minimum output of 6 cu.ft./min. (150 l/m) at 80 p.s.i. (5.5 bar). System 2 and 3 models also require connection to a single-phase domestic electricity supply.

ACCESSORIES

Nozzle Bars: A range of nozzle bars is available with standard or self-clearing nozzles. Sizes range from 0.3mm to 1.15mm holes. A Needle Nozzle Bar Kit is also available, which contains 0.1mm, 0.25mm and 0.5mm needles, for those odd shaped and awkward to sow seeds. A Lobelia kit is also available for sowing seeds in accurate small clumps.

Universal Profile Bar Kit: This kit has extra large discharge tubes, for very large seeds, and can be used on trays up to 14 rows wide.

Double Venturi Kit: Combined with the Universal Profile Bar Kit, this provides extra vacuum for extremely heavy seeds.

Roller Dibbler: This produces a small, cone-shaped dimple in the surface of the soil, to ensure even more accurate seed placement. It can be fitted to the Conveyor model, or supplied as a hand-held roller for other models.

Vermiculite Coverer:

This can be fitted to the Conveyor model only, and provides an even coating of vermiculite to the surface of the tray after sowing.

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See our Price List for a full list of available accessories.