seeding
filling
transplanting
labelling
denesting
handling
dibbling
depopping
trimming
washing
irrigation
germination
MACHINE DESCRIPTION

Fast, accurate, and versatile, this compact high-speed production machine is the right choice for growers who need high output with minimum down-time. ANTHEA is controlled by PLC and data display with 8,4” colour touch-screen panel. It is easily adjustable in sowing/dibbling height or trays positioning thanks to its electrical and manual devices. It is also possibile to add a second and/or third sowing drum: this allow a multi-seeds sowing system, to sow in staggered trays or to place seeds and chemical grains into the same cell in a single time.

TECHNICAL SPECIFICATIONS

- Electronically controlled 180mm diameter sowing drum with 30 galleries.
- Driven dibbler drum with cleaning brush.
- Working heights electrically adjusted.
- Drum with rotary valve, for a pneumatically distribution of the air.
- Air bars with double row of nozzles and labyrinths to guide the seeds’ positioning.
- Seed holding plate with pneumatic vibrator.
- Until 99 storable programs.
- Available in left and right version.

MAIN ACCESSORIES

- Second/third sowing drum.
- Sowing drums with direct drilling, insert or raised nozzles, to be chosen based on the seed.
- Tech Version: all settings are electronically controlled.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>TECHNICAL DATA</th>
<th>M.U.</th>
<th>SEMANTHEA</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOURLY PRODUCTION (max)</td>
<td>trays/hour</td>
<td>1,600</td>
</tr>
<tr>
<td>rows/hour</td>
<td></td>
<td>30,000</td>
</tr>
<tr>
<td>TRAYS DIMENSIONS (max)</td>
<td>mm</td>
<td>I 580x400x180</td>
</tr>
<tr>
<td>A 580x500x180</td>
<td></td>
<td>E 750x400x180</td>
</tr>
<tr>
<td>VACUUM PUMP</td>
<td>model</td>
<td>PVA 1300</td>
</tr>
<tr>
<td>AIR CONSUMPTION (max)</td>
<td>l/min</td>
<td>150</td>
</tr>
<tr>
<td>INSTALLED POWER</td>
<td>kW</td>
<td>5</td>
</tr>
</tbody>
</table>