

## DRY WAXING MACHINES HECO-A1-340NW

The **HECO-A1-340-NW** is a manual system for waxing the stem of seedlings. The Dry Waxing Machines of the HECO Series have completely changed the traditional wax melting methods by introducing an innovative direct dry heating system, without using diathermic oil, water or any other liquids. The essential key of this new system is the use of special electric heaters that are an integral part of the structural walls of the tanks, thus allowing a direct, uniform heating.

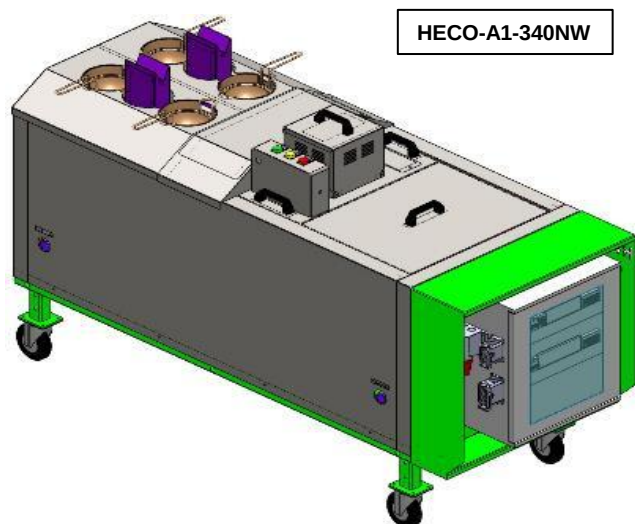
The introduction of this solution has overcome all the problems associated with traditional heating methods, such as harmful emissions, high energy consumption, long working times, unsafe procedures and high operating and maintenance costs. The Dry Waxing Machines by Zetaecotech are designed and built with high quality raw materials, such as stainless steel and aluminium that guarantee great performances. Thanks to its high conductivity, aluminium allows a uniform heating of the tanks and high thermal efficiency, whereas stainless steel ensures reliability and durability over time.

Our HECO products, well-known on the market since 1998, have been constantly developed and improved over the years, also thanks to the direct cooperation with the local nurserymen. This has allowed us to build even more performing and reliable equipment, making them ideal for the melting of all kinds of wax used in different forestry sectors.

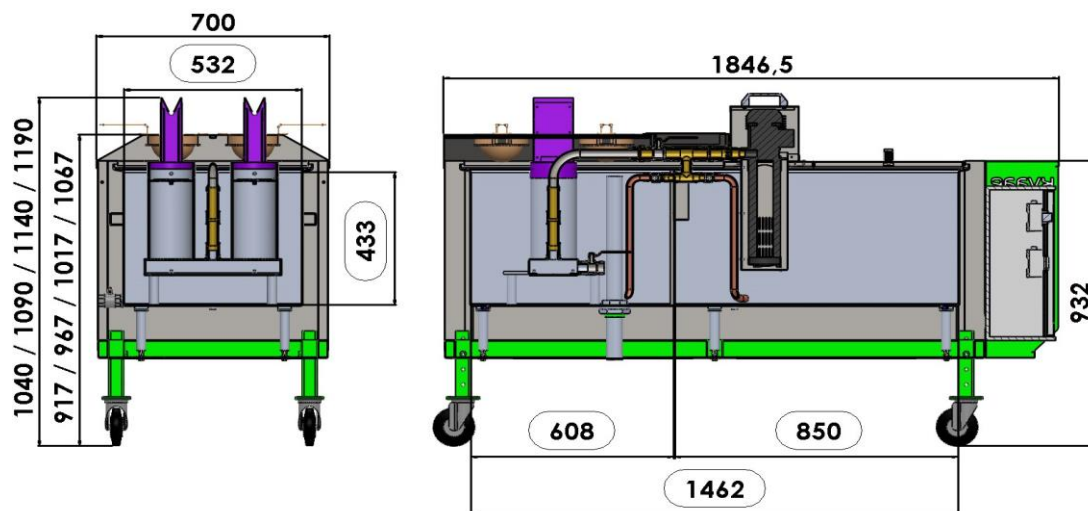
### Operation in short:

Waxing the seedlings with this manual machine is very easy and profitable. In fact two operators can work simultaneously on two opposite sides of the machine, taking each seedling with hands for the roots and for the tip, and deep them for 1 second in the fountain of wax.

### GENERAL LAYOUT:



### DIMENSIONS:



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## DRY WAXING MACHINES HECO-A1-340NW

| TECHNICAL FEATURES:                                             | SEPARATE TANK VERSION<br>HECO-A1-340-NW                                                                                                       |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| PRICE FOR YOUR ATTENTION:                                       |                                                                                                                                               |
| HEATING SYSTEM:                                                 | Direct dry heating system with special electric heaters, without the use of diathermic oil or water.<br>Energy consumption reduced by 50%.    |
| 1ST TANK CAPACITY:                                              | 200 Lt. / 180 kg                                                                                                                              |
| 2ND TANK CAPACITY:                                              | 140 Lt. / 126 kg                                                                                                                              |
| TOTAL TANK CAPACITY:                                            | 340 Lt. / 306 kg.                                                                                                                             |
| 1ST TANK ELECTRICAL POWER:                                      | 2700 W                                                                                                                                        |
| 2ND TANK ELECTRICAL POWER:                                      | 1500 W                                                                                                                                        |
| TOTAL ELECTRICAL POWER:                                         | 4400 W                                                                                                                                        |
| 1ST TANK HEATERS CONFIGURATION:                                 | R18                                                                                                                                           |
| 2ND TANK HEATERS CONFIGURATION:                                 | R10                                                                                                                                           |
| POWER SUPPLY:                                                   | Three-Phase: 400 V (3P + N + T) 50/60 Hz.                                                                                                     |
| TEMPERATURE CONTROL:                                            | Digital electronic temperature controllers with 2 thresholds and PTC probes inside the tanks                                                  |
| 1ST TANK DIMENSIONS:                                            | L. 850 x W. 532 x H. 433 mm                                                                                                                   |
| 2ND TANK DIMENSIONS:                                            | L. 608 x W. 532 x H. 433 mm                                                                                                                   |
| TOTAL DIMENSIONS AND WEIGHT:                                    | L 1.846 x W 700 x H 1190 mm - Weight: 210 Kg                                                                                                  |
| BUILDING MATERIALS<br>TANK:                                     | Aluminium 40/10                                                                                                                               |
| BUILDING MATERIALS<br>SUPPORTING FRAME:                         | Profiled aluminium frame on pivoting wheels, with adjustable height                                                                           |
| BUILDING MATERIALS<br>COVER/INFILL WALLS:                       | Stainless steel sheet with closed-cell polyurethane insulation - Thickness 20 mm                                                              |
| BUILDING MATERIALS<br>FOUNTAIN:                                 | Aluminium                                                                                                                                     |
| INITIAL MELTING TIME:                                           | 7/8 hours for about 300 kg of Wax                                                                                                             |
| MELTING CAPACITY PER HOUR:                                      | 21+9 Kg/h with Wax temperature of 85°C (V2x)                                                                                                  |
| AVERAGE PRODUCTION CAPACITY:<br>*Depending on the waxing phases | .../... pieces/h with 2 operators                                                                                                             |
| STANDARD EQUIPMENT:                                             | No. 2 Digital Temperature Controllers<br>Digital Timer<br>Pump Power Supply Kit<br>Separator Group<br>Nr. 4 removable filters under fountains |
| OPTIONAL:                                                       | Level control, basket for wax melting, top fountains of various sizes                                                                         |
| TECHNICAL LEGISLATION:                                          | Built in compliance with European Machinery Directive - EC certified.                                                                         |



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