

zetaecotech

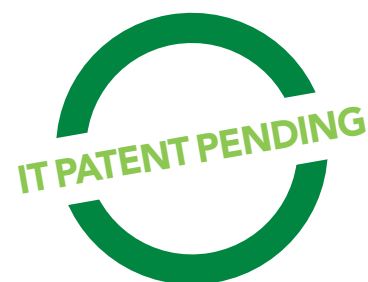
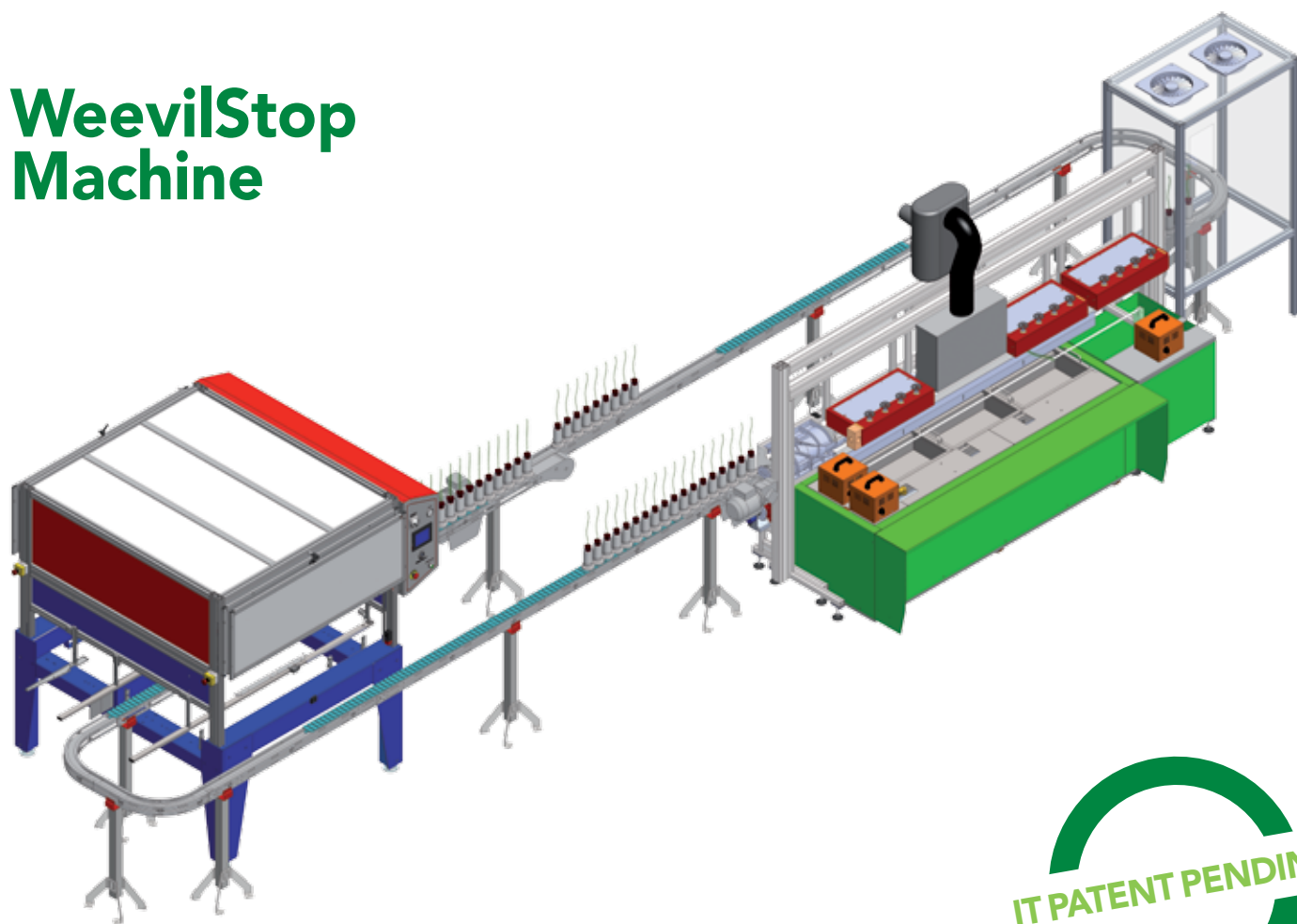


nursery innovation
technologies



NORSK WAX

WeevilStop Machine



WeevilStop Machine

FOREST SECTOR

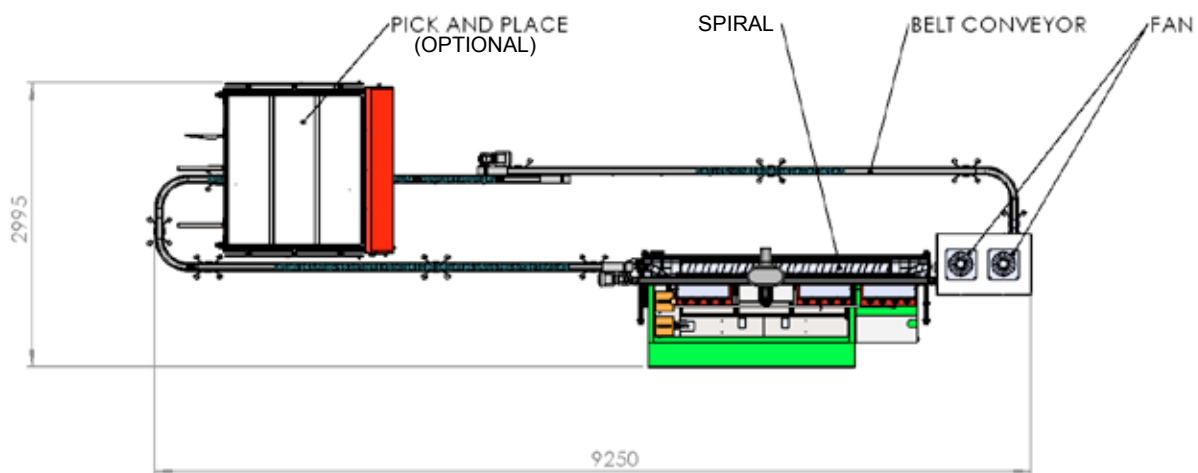
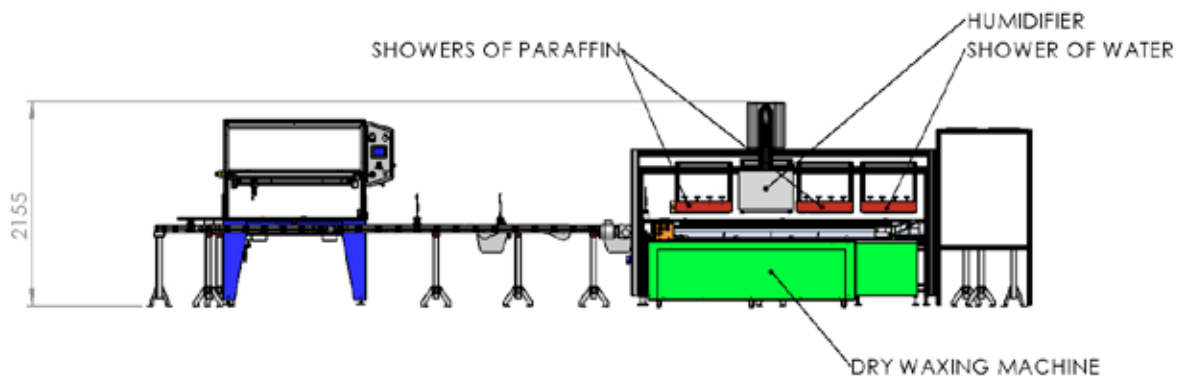
The **WEEVILSTOP ZetaEcotech Machine** is an automated process for the precise covering of the main stem of conifer seedlings with an height between 150 and 450mm, with a highly refined wax that will be a mechanical protection against the pine weevil. The machine is based on modern robotics technologies and foresee to perform the entire process avoiding the operators to come in contact with the wax and waxing process, furthermore without causing any kind of damage to the seedlings. Basically the automatic machine picks out seedlings from all kind of plant containers, places them into single plant holders (cup), by means of a conveyor belt drive in the waxing unit and then to the pick out zone where seedlings are automatically transferred from the cups to the boxes ready to be storage.

The data sheets are available on the site

www.zetaecotech.it

WEEVILSTOP MACHINE

Dimensions



WeevilStop Machine > Technical features:

TYPE OF PLANTS PROCESSABLE	Conifer between 150 and 450 mm, in all kind of cointainer (trays)
WAX APPLICATION TECHNOLOGY	Each single seedling is processed by an innovative accurated application system of melted wax
PLANTS COOLING SYSTEM	Proper cooling system to avoid damaging of seedlings after waxing
PRODUCTION CAPACITY	Adjustable from 3.500 to 7.000 plant/h (depending on type plants)
OPERATORS NEED 7000 PLANTS/H	3 operators in the full automatic system (load and unload with P&P)
OPERATORS NEED 7000 PLANTS/H	5 operators in the semi-automatic system (load with P&P and unload manually)
OPERATORS NEED 7000 PLANTS/H	8 operators in manual system (without P&P)
CUSTOMIZATION	System of modules cusomizable and can fit existing process line in nursery
WAXING UNIT	Aluminum tank, capacity of 500 kg and melting 30+35 kg/h
TANK HEATING SYSTEM	Direct dry heating by special heaters, without the use of oil or water, temperature electronically controlled
ELECTRONIC CONTROL	Touch screen display, PLC control, brushless motors, SW updating and service remote control
POWER SUPPLY	400V 3ph+N+PE, max 20,0 kW (depending of options installed)
OPTIONS	Pick and place In and Out, Cooling tunnel, 2nd melting tank, Automatic packaging system
ACCORDING RULES	Built according to European machinery directive - CE marked