

REDpulse
by **ERO**

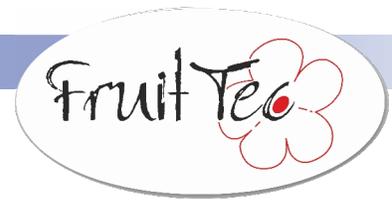


Pneumatic Defoliation for Apple Orchards



Pre-Harvest **RED**pulse for optimal colouring of your apples

- Increased light & temperature exposure
- Compact harvest window
- Even colouration
- Number of pickings reduced
- Better aeration & less humidity on fruit skin (fungal infections)
- Comfortable operation via joystick
- Front attached – optimal view
- Fits to Edward comfort system



REDpulse by ERO Pneumatic Defoliation



After an application of REDpulse:

REDpulse defoliation has removed most of the shading leaves completely or parts of it.

Light parts of the fruit skin are now clearly visible. These parts were protected by leaves before, not allowing an even exposure and colouration.

The REDpulse defoliation module enables red coloured apple varieties to receive a more intense and even exposure to light. REDpulse is a new, innovative, encapsulated and purely pneumatic defoliation module for removing shading leaves.

A high frequency pulsating air-stream is removing leaves and parts of leaves within the working zone. Less shading enables light and temperature exposure. The result is an even and intense coloration of the fruits.

The amount of Class 1 / Class A fruits is increased and the number of pickings can be reduced. During harvest, a better and early visibility of the fruits eases the harvesting process. The work flow is improved and distances within the orchard during harvesting can be reduced.

Optimal results have been achieved in modern, narrow, and mechanically pruned orchards. During the operation of REDpulse, fruits do not get in contact with rotating parts of the machine, that could harm the sensitive skin of the fruits or even cause physical damage. Fruits which are positioned away from the tree are carefully led past by a specially designed protective metal plate. Operating is comfortable with Joystick & Display. REDpulse is energy efficient.

Technical Data: REDpulse Duo

Operating Height:	570 mm - 1210 mm
Operating Depth:	400 mm - 600 mm
Operating Pressure:	0.6 bar - 0.9 bar (adjustable)
Driving Speed:	1.8 km/h - 2.5 km/h
Number of Rotors:	2 (Duo), each 2 nozzles
Power demand PTO:	60 kW (81 PS)

with Redpulse without



Quality, Efficiency, Safety

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