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#### Standard equipment

- VITIpulse Combi-Terminal
  - Display and adjustment of
    - Pressure (safety function in case of excessive pressure)
    - VITIpulse rotor speed (rpm)
    - Compressor oil temperature
- Parallelogram unit suspension
- Impact protector
- Hydraulic width adjustment
- Manual adjustment of fan angle
- Defoliator heads with stainless steel front shield and guide runners to protect trellis equipment
- No tools required for opening the housing for cleaning and maintenance
- Double-acting hydraulic mast with cylinder inside the mast, 800 mm stroke
- Storage stand
- VITIpulse compressor unit
  - Compressor unit on frame with universal three-point support compatible with category I and category II
  - Quick connectors (Camlock) VITIpulse Combi
  - Universal joint shaft
  - Muffler

#### Options

- Individual air shut-off on VITIpulse defoliator heads
- Continuous adjustment of the defoliation rate (fan speed) up to switching off the defoliator heads (each defoliating on the right or on the left) - with mirror function
- Comfort control or reversing valves
- Support for lift with hydraulic angle adjustment
- Hydraulic tilt of defoliator heads
- 1100mm hydraulic mast with 800mm stroke

#### Optional compressor unit

- Wheelset (pendulum axles as full -floating axles) for the compressor rack tires: 15x6.00-6 (Ø: 368, width: 154, rim Ø: 6") adjustable external width 1.05 m to 1.35 m, swing axles (can be blocked for dismount and road travel)



VITIpulse Combi Terminal



Continuous Adjustment



Compressor Unit

# Defoliator VITIpulse Combi



Details and illustrations should be considered to be approximate. The products illustrated sometimes include special equipment which is not part of the standard version. We reserve the right to make technical and design changes.

Perfection in the vineyard

The combination of pneumatic air blast and Roller Defoliation technology in one head opens new opportunities for our customers that are beyond the limits of traditional systems on the market.

Every year anew the time frame for defoliation is too short and results in great time pressure. Often it comes down to the fact that the mechanical defoliation cannot be completed in the given time period. This generates higher costs due to additional manual defoliation, or in the worst case, it leads to a loss of quality because the defoliation does not take place or has been done too late.

With the VITIpulse Combi this is now a matter of the past. By bringing together the both world market-leading defoliation systems, the premium defoliation quality and highest speed are now combined in one task.

In addition, with the VITIpulse Combi a more targeted result can be achieved and significantly less damage will occur. It has been found that the previous removal of the external leaves by the EB 490 P results in better penetration of the inner part of the fruit zone by the VITIpulse and hardly any damage is caused to the fruit. This in turn extends the time window, which means that considerably more area can be managed during the season.



#### How you benefit:

- ▶ Premium defoliation quality is achieved at unparalleled driving speed:
  - By removing the outer leaves with the proven Roller Defoliator, a lower level of working pressure is required
  - A targeted penetration of the inner part of the fruit zone with airblast defoliation
  - Bunch cleaning
- ▶ Flexible use of the two defoliation systems:
  - Either the combined use of both systems at the same time or individually and independently from each other
  - The intensity of defoliation can be set separately for either side
    - EB 490 P: Adjustment of roller-/ fan rpm, with mirror function
    - VITIpulse: Adjustment of rotor speed (rpm) and air pressure
- ▶ Multiple adaptation to the trellis thanks to numerous adjustment options

Defoliation new defined