

## Full harvest, destemmed harvest

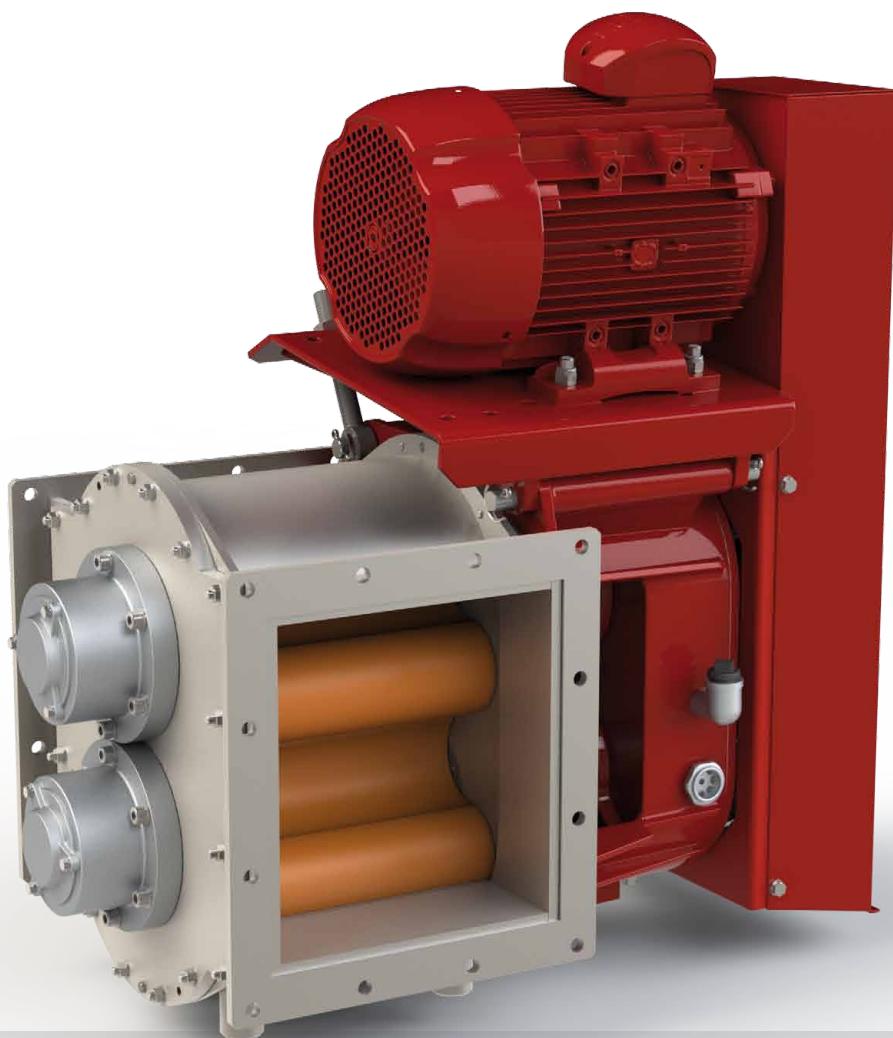
*Can be used alone or included in the PMH Vinicole receiving line*

### TECHNICAL FEATURES:

- This pump is entirely stainless steel
- Full pump under a sealed case with an oil bath for food stuffs
- Total impermeability through isolation of the driving force avoiding any contact with the harvest
- Easy cleaning, full harvest after a few rotations of the rotors.
- Safety pin on the receiving pulley
- External impermeability through mechanical seals
- Removable rubber rotors for food products
- DN120 or 150 flanged back flow
- Pulse-free slow speed and regular harvest flow
- Power: from 7.5 to 15 kW - Weight: from 235 to 290 kg

### OPTION

- Electronic speed variation
- DN150 back flow, horizontal or vertical
- Bearing connecting sleeve



 Conforms with machine regulations

 Designed and manufactured in FRANCE

TRADITIONAL MATERIALS & INNOVATIVE SOLUTIONS

**PMHVINICOLE**

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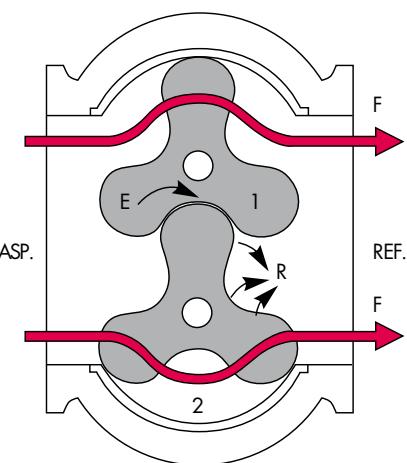
## OPERATION PRINCIPLE

The double rotor three-lobe volumetric pump operates in accordance with the diagram opposite.

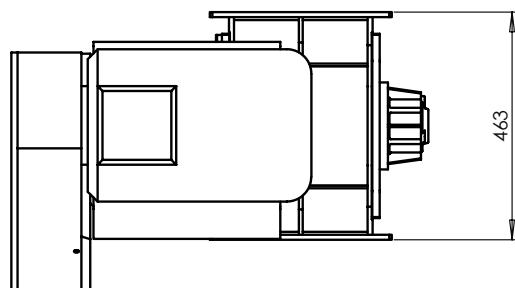
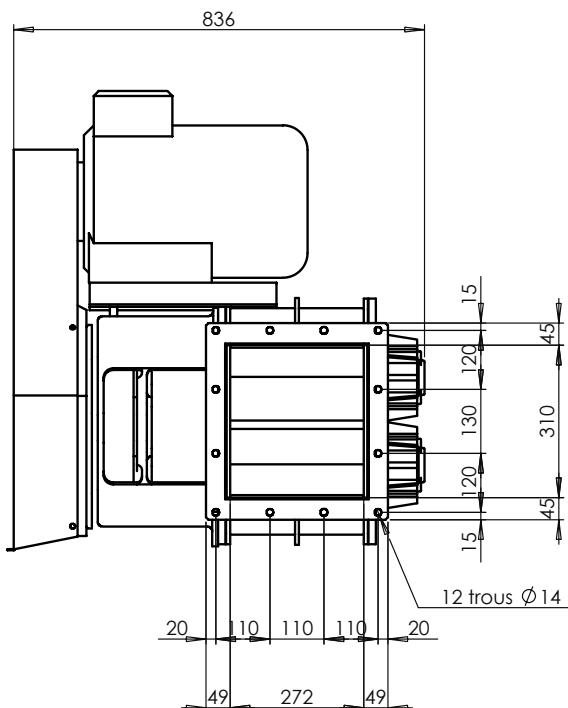
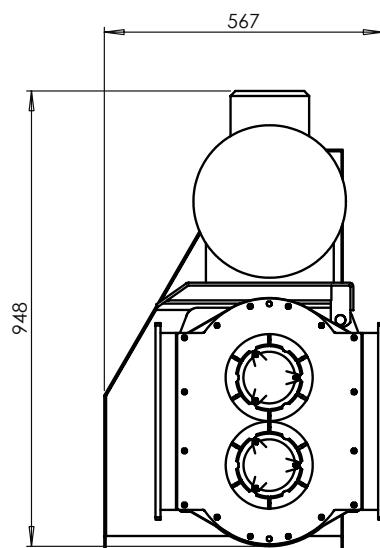
2 identical rotors (1) are driven in counter rotation by two separated enclosed gear drives (sealed with an oil bath) placed next to the pump. The matter to be pumped only completes a half circle (F arrows) before exiting via the outlet port.

The impermeability occurs at point (E), with no friction from the 2 rotors, through a very reduced set. The closing effect (coming together: R arrows) avoids the fluid and solid objects coming back to the vacuum or being caught between the 2 rotors.

This feature therefore allows for the pumping of matter containing solid objects, which passes easily into the large pockets (2) located between the rotors and the body of the pump.



## CENOLOB® | PRE100



Flow Full harvest	Power of geared motor	Weight
40 to 60 T/h	7.5 kW	235 kg
75 T/h	9 kW	255 kg
90 T/h	11 kW	275 kg
120 T/h	15 kW	290 kg

Non-contractual pictures - In the event of a quality concern, PMH Vinicole reserves the right to improve the technical specifications of their products at any time and without notice. 04/2018

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