

LOB[®] 200 E

MULTIFUNCTION NDA LOBE PUMPS

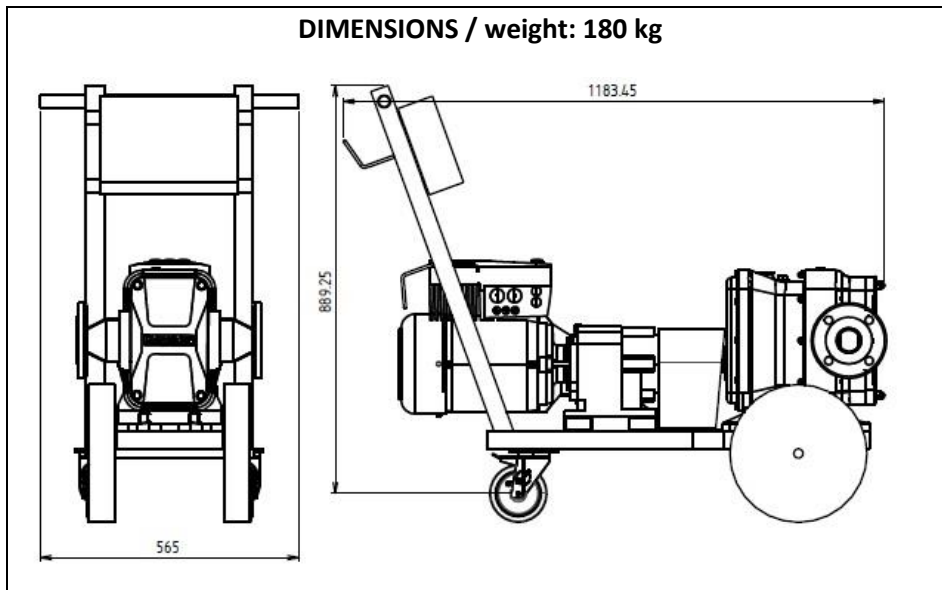
Destemmed grapes harvest, musts, wines

CHARACTERISTICS

- Lobe pumps made of food grade hard Nitrile rubber
- Low rotational speed
- Pump housing in 316 stainless steel precision
- Large range of flow from 1500 à 24 000 L/h
- Passage of solid particles (\varnothing_{max} : 25mm)
- Electronic regulator
- Low oxygen dissolution (a few $\mu\text{g/l}$)
- Self-aspiration : 8 meters
- Rotational direction switch
- Continuous flow
- Pump trolley on stainless steel
- High pressure resistance (10 bar)
- High temperature resistance (from $-10\text{ }^{\circ}\text{C}$ up to $90\text{ }^{\circ}\text{C}$)
- Hygienic: easy cleaning and maintenance



DIMENSIONS / weight: 180 kg



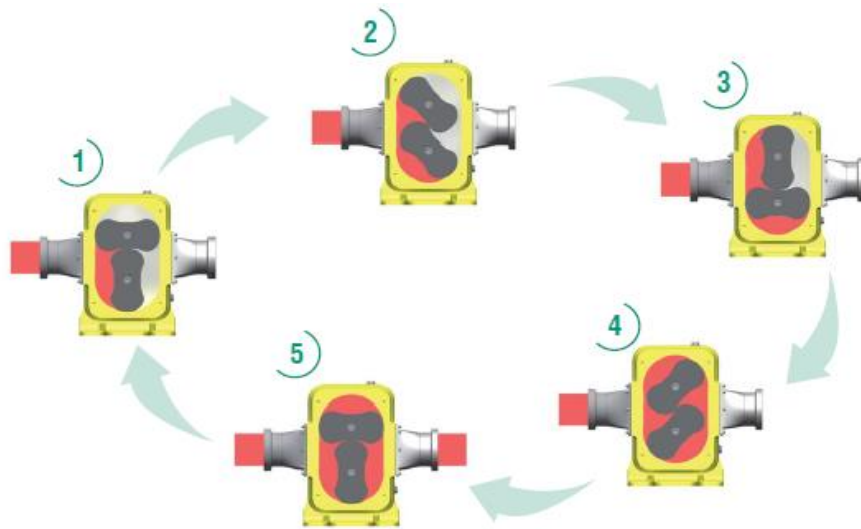
OPTIONS

- Radiocontrol
- Pressure switch
- Tuning fork to detect liquids
- Pressure regulator

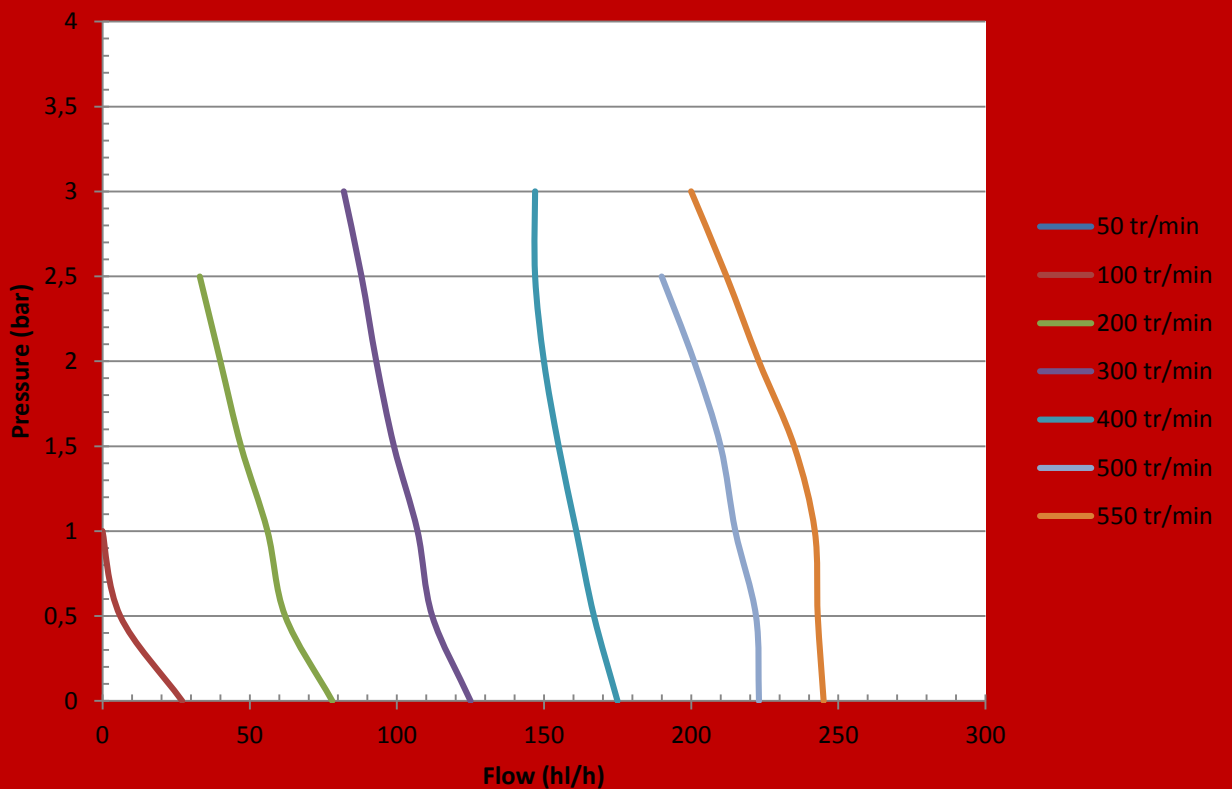
USES

- Transfer of destemmed grapes harvest, musts with small solids particles, lees, juices, wines.
- Pumping over
- Filtration
- Bottling
- Able to empty pipes after transfers

FUNCTIONING PRINCIPLES



CURVES OF PERFORMANCE Flow / Pressure



Rpm	Frequency (Hz)	Flow (hl/h)	Pressure (bar)	Intensity (Amperes)
50	8.7	4		4
100	17.4	27 to 6	0 to 0.5	2.1 to 2.5
200	34.9	78 to 33	0 to 2.5	2.2 to 4.2
300	52.3	125 to 82	0 to 3	2.5 to 4.8
400	69.7	175 to 147	0 to 3	2.7 to 6.3
500	87.2	223 to 190	0 to 2.5	3.1 to 7.5
550	95.9	245 to 200	0 to 3	3.6 to 9.5

TEST CONDITIONS

- Water at 10°C
- 12m and Ø 50 mm inhalation pipe
- 10m expulsion pipe
- Flow measuring with Oenodeb®25

