

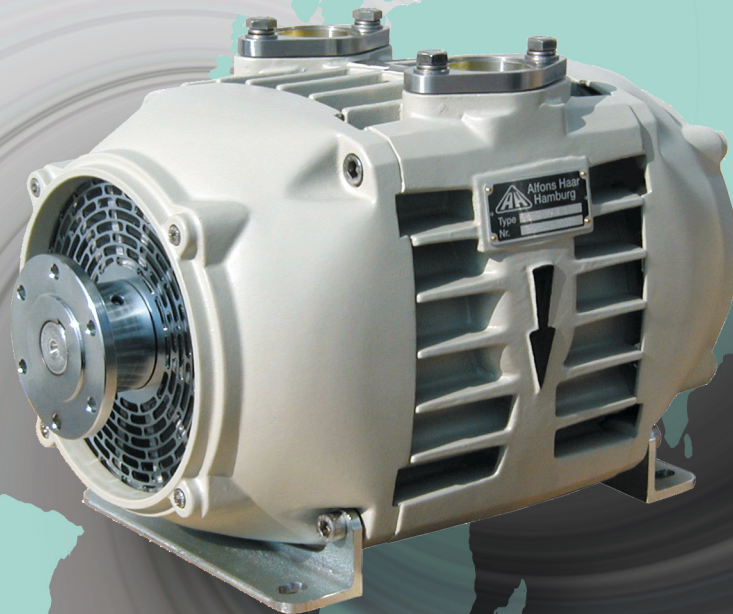
Vmax 1

Oil free vane compressor



Alfons Haar

**Vmax1 achieves more!
Up to 25% faster discharge rate.**



Vmax1 was designed to pressure discharge liquids from general-purpose road tankers where pumps cannot be used because of the aggressive and or corrosive nature of the cargo. Typical products: liquid animal feed, foodstuff, bitumen, heavy fuel oil, etc.

Your benefit:

- 850 l/min potential road tanker liquid discharge at 2 bar g. or 730 l/min at 2.5 bar g.
- High flow rate of 75 to 200 m³/h
- Max. pressure at Vmax1 2.5 bar g.
- Stainless steel rotor
- Unique water protected side plates
- Speed range 1000-1600 r.p.m.
- Relation flow rate/weight 4.5 m³/kg
- Drive options: Prop shaft drive, Hydraulic drive, Electric motor drive, Diesel engine drive
- Alfons Haar ancillaries and service

Vmax 1

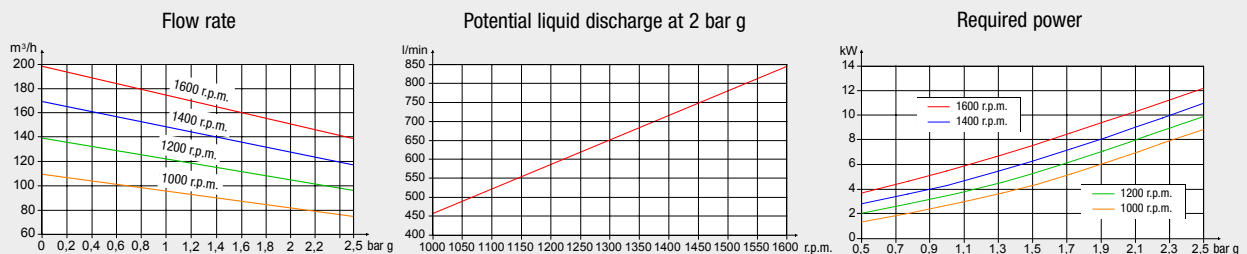
Oil free vane compressor



Vmax1 achieves more:

- High airflow giving road tanker discharge rates of up to 850 l/min at 2 bar g. or 730 l/min at 2.5 bar g.!
- Computer optimized aspect ratio of body bore diameter to rotor diameter to rotor length giving maximum efficiency! Resulting in low air outlet temperature, high airflow for its size and low specific power requirements!
- The bearings of the machine are absolutely maintenance-free!
- Stainless steel rotor and anodised body and sideplates for corrosion protection!
- There is no absolute certainty but unique venting of sideplates makes entering of water virtually impossible.
- Very efficient cooling fans on both sides of the Vmax 1 are cooling the bearings and the complete machine!
- The cooling fans are held onto the shaft with re-useable, easy to dismantle and re-fit, compression couplings!
- Double shaft extension of Vmax1 for clock-wise and anti clock-wise rotation!
- Vmax1 can be mounted in four different positions due to the unique side plate venting!
- Easy rebuilding feet allowing a high flexibility if mounting the Vmax1 at the truck chassis!
- Mounting feet can be fitted in four different positions to suite chassis!

Ancillaries like companion flanges, intake air filter, non-return valve, pressure relief valve are available.



Dimensions:

