

The turbopump innovation.

Picking up the pace in vacuum technology. Faster. Higher. Stronger.

- Complete series of pumps with pumping speeds of from 10-700 l/s
- Robust engineering and proven bearing system offer maximum reliability
- Compact design makes for minimum footprint
- Installation possible in any orientation





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Leading innovations.

Our vacuum technology developments always keep us a step ahead!

That holds true today, just as it did back when we invented the turbopump.





1958

TVP 500

 $\begin{array}{lll} Pumping \ speed \ N_2: & 140 \ l/s \\ Rotational \ speed: & 16,000 \ RPM \\ Circumferential \ speed: & 142 \ m/s \\ Height: & 370 \ mm \\ Width: & 680 \ mm \\ Weight: & 96 \ kg \end{array}$

2008

HiPace™ 300

 $\begin{array}{lll} \text{Pumping speed N}_2: & 250 \, \text{l/s} \\ \text{Rotational speed:} & 60,000 \, \text{RPM} \\ \text{Circumferential speed:} & 330 \, \text{m/s} \\ \text{Height:} & 195 \, \text{mm} \\ \text{Width:} & 144 \, \text{mm} \\ \text{Weight:} & 6 \, \text{kg} \\ \end{array}$



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