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Quality Pumps & Filters

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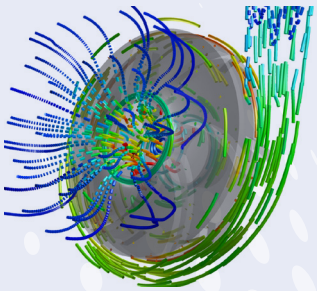
Hendor Launches New "Energy Saving" D18 Series Vertical Pump

Last year, during its 65th anniversary, Hendor began working on the next generation of pumps for the surface finishing industry.

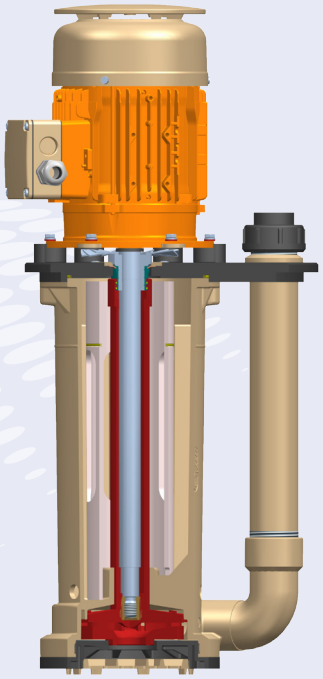
Hendor values environmental responsibility and acts accordingly. Therefore, the strategic decision was made to develop the next generation of pumps according to the Sustainable Design principle. Applying this concept significantly reduced both the manufacturing and life cycle carbon footprint to a minimum.



3D simulation software enabled Hendor to optimize internal pump geometries resulting in significant increases in pump efficiencies with improvements up to 30% versus the previous D170 series. The new D18 vertical pump range based on this innovation allows the surface finishing industry to reduce the life cycle cost of their pump base significantly.

These innovative efficiency improvements enabled Hendor to reduce the motor one size while retaining the same capacity in the D18 as compared to the previous D170 series. Using energy more efficiently reduces energy consumption. This helps our customers to save on energy cost significantly and additionally to achieve sustainability goals. When using motors with energy class IE3 instead of IE2 power consumption is only reduced by approximately 3%. The new D18 however saves 10% to 20% on energy compared to similar pumps within the industry. Regardless motor efficiency.

In addition to energy savings, the robust D18 series provides an extended lifetime for the pump, reducing life cycle cost for the surface finishing industry. The D18 is highly reliable, preventing issues related to unplanned line stops of a single pump outage.



The D18 series are available in PP and PVDF and range from 14.000 l/h (0,55 kW) to 43.000 l/h (3,0 kW), replacing the D170 series. The dimensions of the D18 allow a one-to-one replacement with its predecessor. Connections are available with GF Union and FIP Thread (Meco).

For questions or further information, please visit our website www.hendor.com or go to the D18 product page.

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