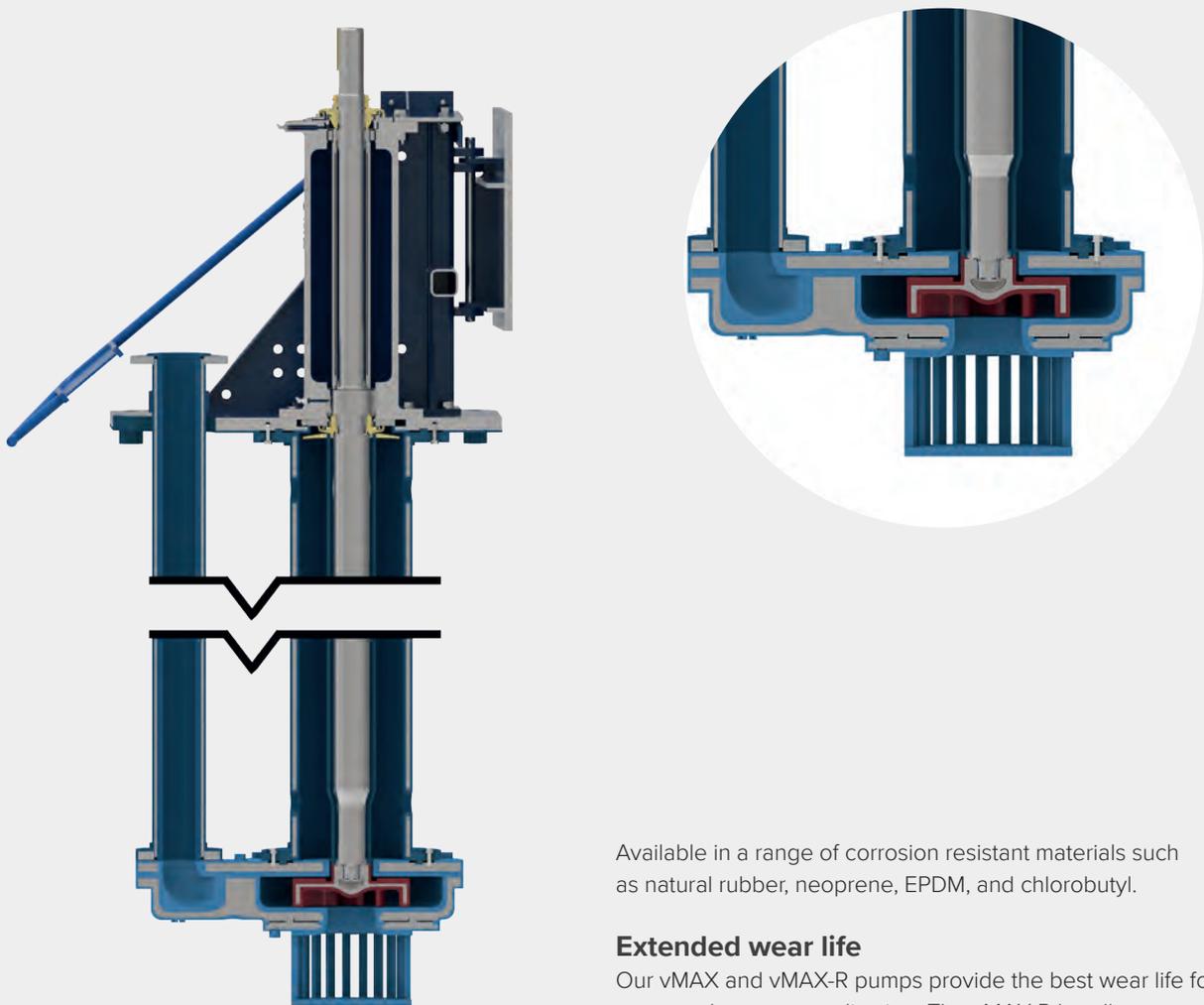


vMAX™ -R

Rubber Lined Vertical Pump

The vMAX-R rubber lined cantilever pump has been developed for the most difficult corrosive applications. Every part that could come into contact with the slurry is elastomer lined to ensure reliability. With multiple materials options, the vMAX-R is adaptable to many different acid and slurry temperature combinations.



Available in a range of corrosion resistant materials such as natural rubber, neoprene, EPDM, and chlorobutyl.

Extended wear life

Our vMAX and vMAX-R pumps provide the best wear life for each sump and process application. The vMAX-R handles corrosive applications, while the vMAX covers conventional and extreme duties - even with highly viscous slurries that contain large solids.

Reliable pump operation in the most extreme conditions

Additional features include:

Cantilever design does not require a stuffing box seal or submerged bearings.

Drive-end bearing is a fixed-clearance twin taper roller that provides axial thrust. The impeller-end bearing is a parallel roller design that delivers radial thrust. Bearings are grease-lubricated. A rigid 1040 steel shaft with large bearing span reduces shaft deflection and bearing loads.

Integral discharge elbow on the casing works to reduce localized wear.

Integral mounting plate for supporting the pump above the sump, a steel discharge pipe extends above the liquid level, and is fixed to the mounting plate for access to your existing piping.

Adjustable motor mount is integral to the power frame assembly, and allows tension adjustment of the v-belt drive.

Lifting yoke for crane hook suspension over the sump.

vMAX™ and vMAX™-R size range

Imperial units (in)	Metric units (mm)
2 x 2	50 mm x 50 mm
3 x 3	80 mm x 80 mm
4 x 4	100 mm x 100 mm
6 x 6	150 mm x 150 mm
8 x 8	200 mm x 200 mm

Standard setting lengths 1.2m-3.0m. For non-standard setting lengths consult FLSmidth representative.

vMAX™ Product applications

- Mining and mineral processing
- Carbon transfer
- Industrial processing
- Heavy-duty abrasive slurries
- Power Plants
- Dewatering
- Plant floor cleanup
- Low PH applications (vMAX-R)
- chemical processing (vMAX-R)

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