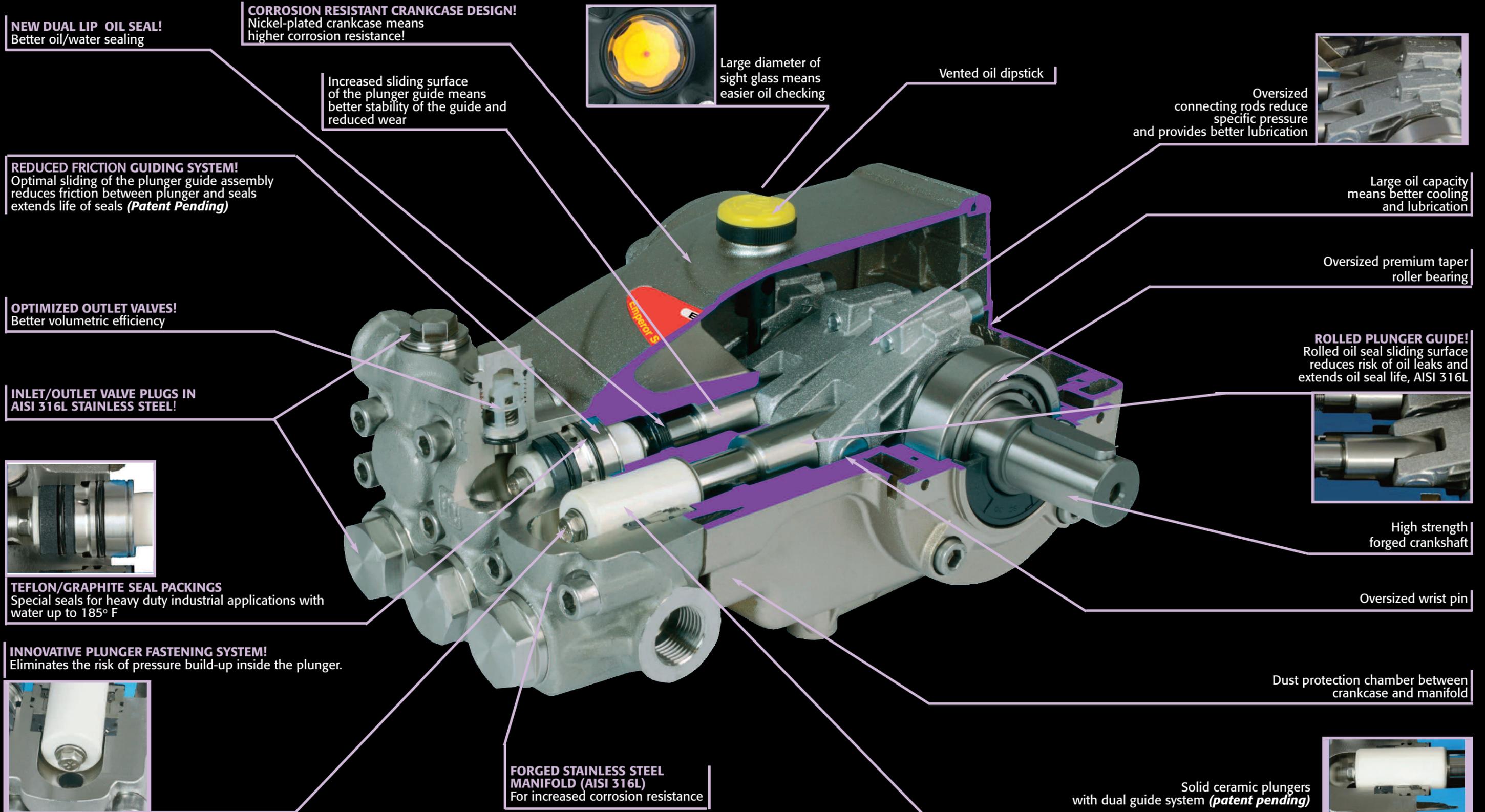




# 316SS PLATINUM EMPEROR SERIES



**NEW DUAL LIP OIL SEAL!**  
Better oil/water sealing

**CORROSION RESISTANT CRANKCASE DESIGN!**  
Nickel-plated crankcase means higher corrosion resistance!



Large diameter of sight glass means easier oil checking

Vented oil dipstick



Oversized connecting rods reduce specific pressure and provides better lubrication

Increased sliding surface of the plunger guide means better stability of the guide and reduced wear

**REDUCED FRICTION GUIDING SYSTEM!**  
Optimal sliding of the plunger guide assembly reduces friction between plunger and seals (*Patent Pending*)

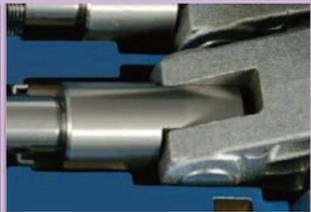
Large oil capacity means better cooling and lubrication

Oversized premium taper roller bearing

**OPTIMIZED OUTLET VALVES!**  
Better volumetric efficiency

**ROLLED PLUNGER GUIDE!**  
Rolled oil seal sliding surface reduces risk of oil leaks and extends oil seal life, AISI 316L

**INLET/OUTLET VALVE PLUGS IN AISI 316L STAINLESS STEEL!**



High strength forged crankshaft



**TEFLON/GRAPHITE SEAL PACKINGS**  
Special seals for heavy duty industrial applications with water up to 185° F

Oversized wrist pin

**INNOVATIVE PLUNGER FASTENING SYSTEM!**  
Eliminates the risk of pressure build-up inside the plunger.

Dust protection chamber between crankcase and manifold



**FORGED STAINLESS STEEL MANIFOLD (AISI 316L)**  
For increased corrosion resistance

Solid ceramic plungers with dual guide system (*patent pending*)



*These Pumps are 100% Made in Italy*

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