



Pratissoli

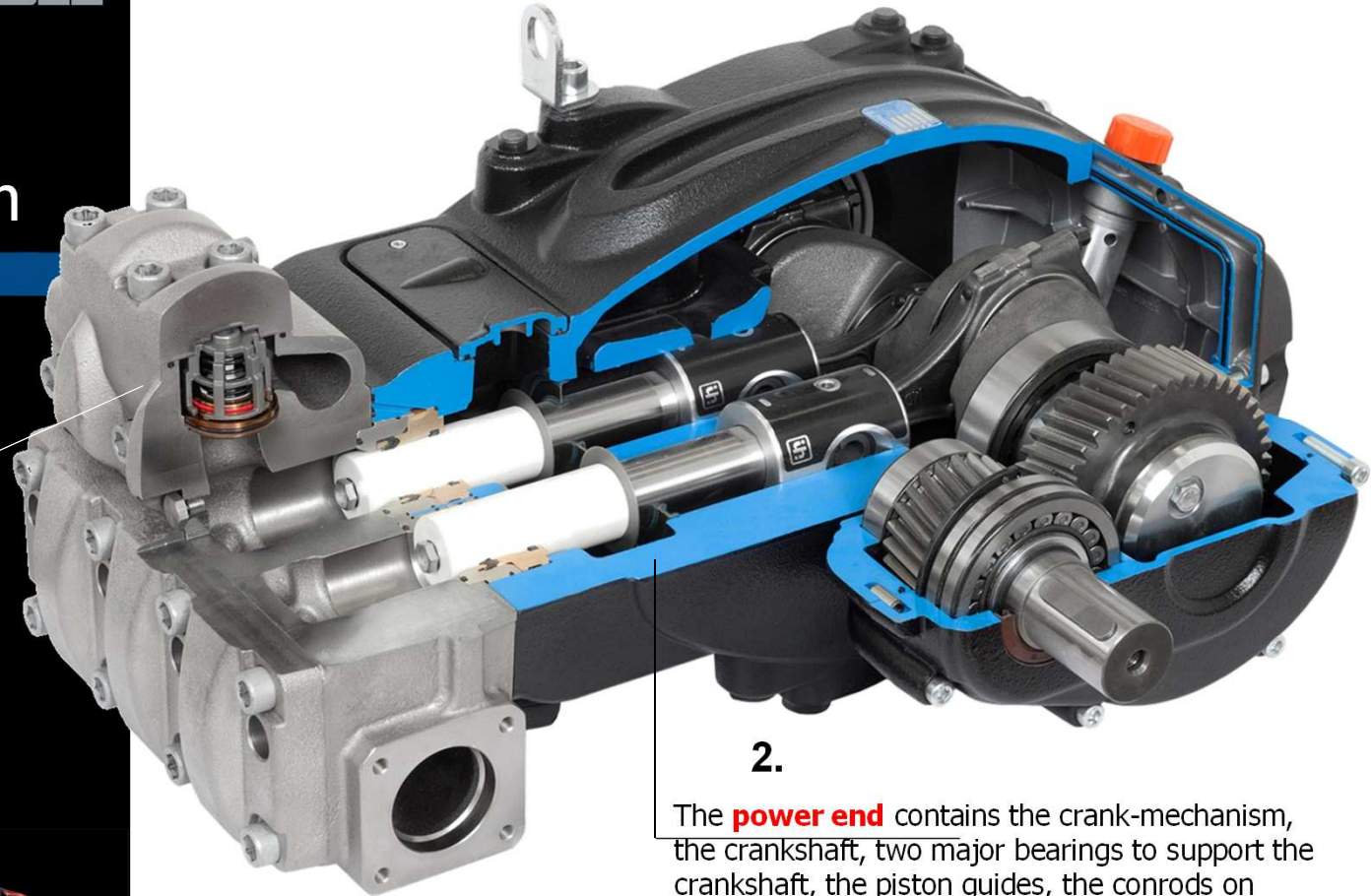
Pump Design

1.

The **fluid end** contains the suction and discharge valves, one each for every plunger. Since all our pumps are triplex, a total of six valves are installed. Fluid end also includes plungers. Most pump models now features drain valves



The main pump sections:



2.

The **power end** contains the crank-mechanism, the crankshaft, two major bearings to support the crankshaft, the piston guides, the conrods on bushing, and the gear box, where provided. The **power end** includes the **intermediate chamber** designed to separate the water area of the pump from the oil area. It is expressly designed to limit the risk of contamination of the two fluids. This pump area is also designed to drain out eventual water or oil leaks.

