

REDA Compact HPS horizontal multistage surface pump

Flexible, cost-effective multistage centrifugal pump



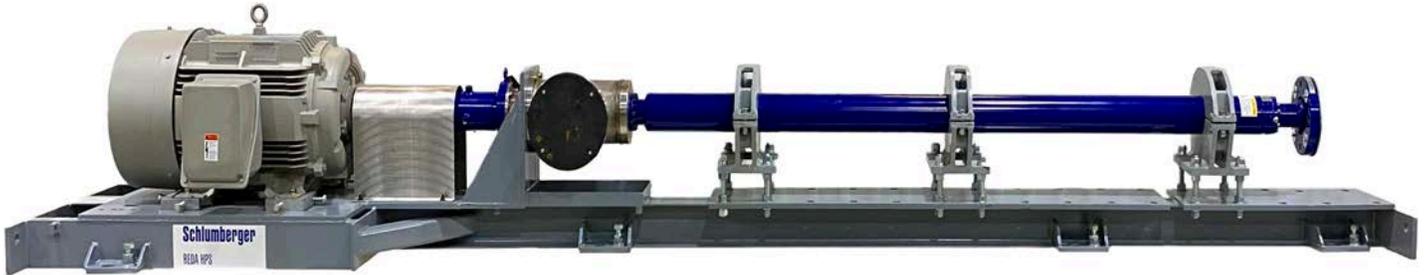
Capacity:

58 to 700 galUS/min [220 to 2,653 L/min]



Pressure:

up to 1,800-psi [12,400-kPa] boost pressure



REDA Compact HPS* horizontal multistage surface pump.

Applications

- Crude oil pipelines
- Water injection wells
- Saltwater disposal wells
- Lease automatic custody transfer (LACT) units
- Oil transfer
- Positive displacement pump replacement

How it improves your operations

REDA Compact HPS horizontal multistage surface pump delivers the reliability and quality of the trusted REDA HPS* horizontal multistage surface pumping system in a more flexible and cost-effective solution for fluid pumping applications with smaller footprint and discharge pressure requirements.

Re-engineered for cost efficiency, the REDA Compact HPS pump reduces maintenance, service time, and costs as compared with conventional horizontal pumping systems (HPS), making it ideal for remote and personnel-free operations. The new design enables rapid seal changes as well as pump and thrust chamber replacement. Service requirements are significantly reduced because the oil-free thrust chamber eliminates the need for top-ups.

The standardized design of the superlight-duty weldment enables shorter delivery time, which helps keep your projects on schedule.

How it works

As a multistage compression pump, REDA Compact HPS pump delivers a larger operating range as compared with alternative pumps.

Periodic replacement of the oil-free thrust chamber ensures optimal performance over the expected service life of the pump, eliminating the time-consuming maintenance visits required for conventional pump systems.

The redesigned thrust chamber better maintains its seal run life and ease of maintenance as compared with less reliable close-coupled HPS designs.

What it replaces

High-maintenance surface pumps, including positive displacement pumps

REDA Compact HPS Pump Specifications

Capacity, galUS/min [L/min]	58 to 700 [220 to 2,653]
Max. discharge pressure, psi [kPa]	1,800 [12,400]
Max. suction pressure, [†] psi [kPa]	200 [1,300]
Temperature rating, [‡] degF [degC]	40 to 90 [4 to 32]
Max. power (single skid), hp	500
Impeller and diffuser materials	Ni-Resist™
Shaft materials	17-4PH®, and MONEL®
Intake and discharge materials	Carbon steel and 316 stainless steel
Bearings	Abrasion resistant
Flanges	ANSI Class 300 and 1500
Application	Oil and water

All specifications are subject to change without notice.

[†] Fluid dependent.

[‡] Modifications required.