

Horizontal Pumps

STANDARD & ENHANCED CAPACITIES

MINING

INDUSTRIAL

OIL FIELD INJECTION

PIPELINE

DEWATERING

STEEL MILL DESCALING

Premium Technology for Harsh Environments



Rentzel
Pump Manufacturing





Horizontal
Injection Pump



Horizontal Skid

Steel Fabrication

RPM offers 4 application dependent skid designs; Lite, Standard, Heavy, and Belt-driven skids.

Rigid Design

Using I-beams and cross-supports, RPM skids are designed for each application to increase rigidity and decrease vibration.

Independent Cradles

RPM skids use independent pump cradles to support the pump using shims. This design gives the pump greater stability and less vibration and future adaptability.

Adaptable

RPM skids are field adjustable, allowing for customers to increase production or decrease over time if needed. Skids can be made shorter with no cutting or welding, and made longer by bolting extensions to the end of the current skid.



Horizontal Pumps

Features:

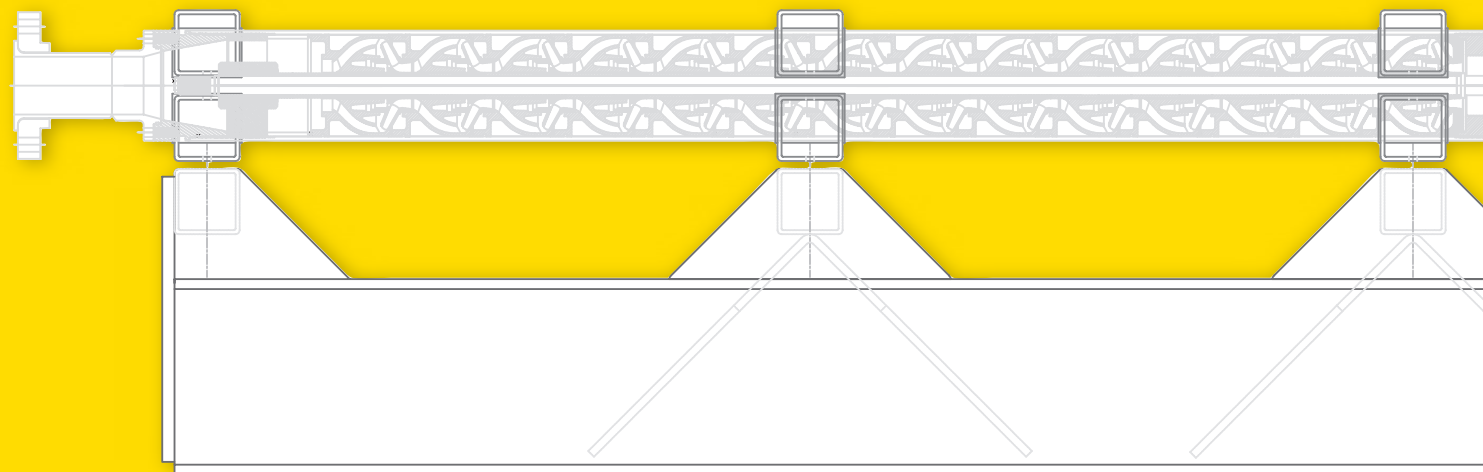
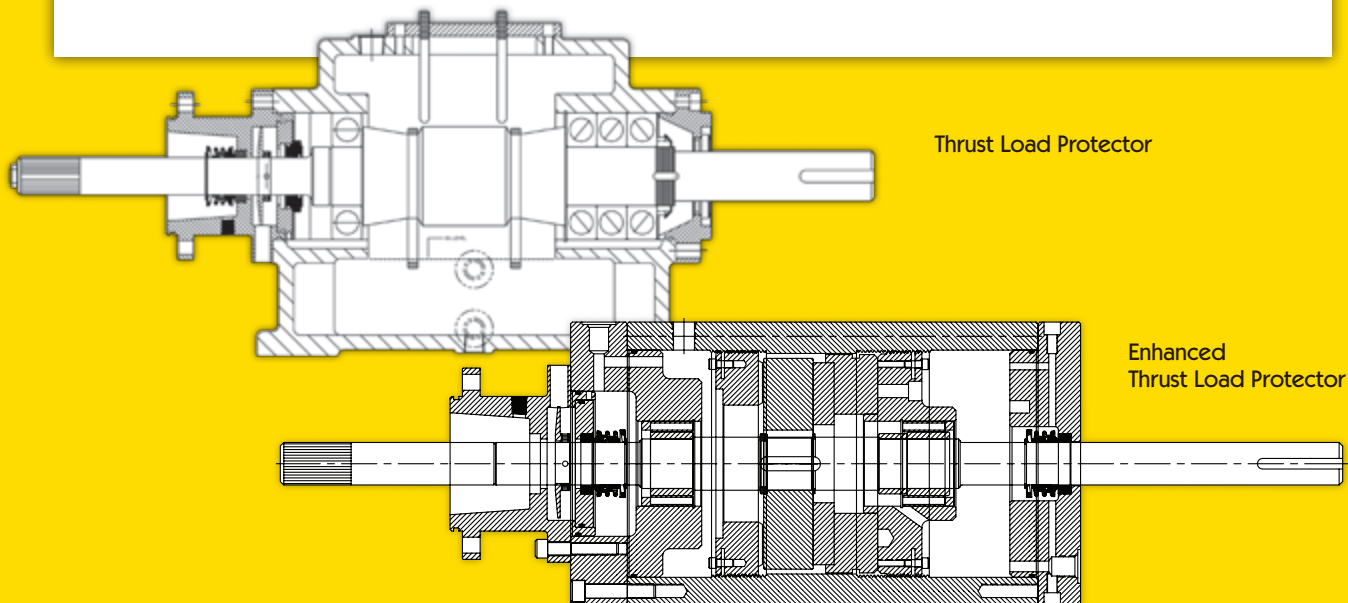
- Fabricated Steel Skid:
 - Modular Design
- Motors as Specified
- Thrust Chamber Housing:
 - Standard & Enhanced Capacity Available
- Intake Assembly:
 - 316 Stainless Construction with Adjustable Arc
- Multistage Centrifugal Pump
- Flanged Pump Discharge
- Double Flex Motor Coupling
- Field Adjustable Pump Cradles

Applications:

- Mining
- Oil Field Injection
- Pipeline
- Dewatering
- Steel Mill Descaling

Capacities:

- Q from 3 l/s to 900 l/s
50 gpm to 14,000 gpm
- H from 10 m to 2,000 m
30 psi to 5,000 psi



Horizontal



Rentzel Advantage

Products

RPM offers the Largest and most comprehensive multistage horizontal pump systems for Mining, Oil field injection, Pipeline, Dewatering, Steel Mill Descaling, and other Industrial applications.

Flexibility

RPM manufactures a full line of modular centrifugal skid designs specifically designed for the customers needs and still allowing for the flexibility to increase or decrease production as needed.

Design

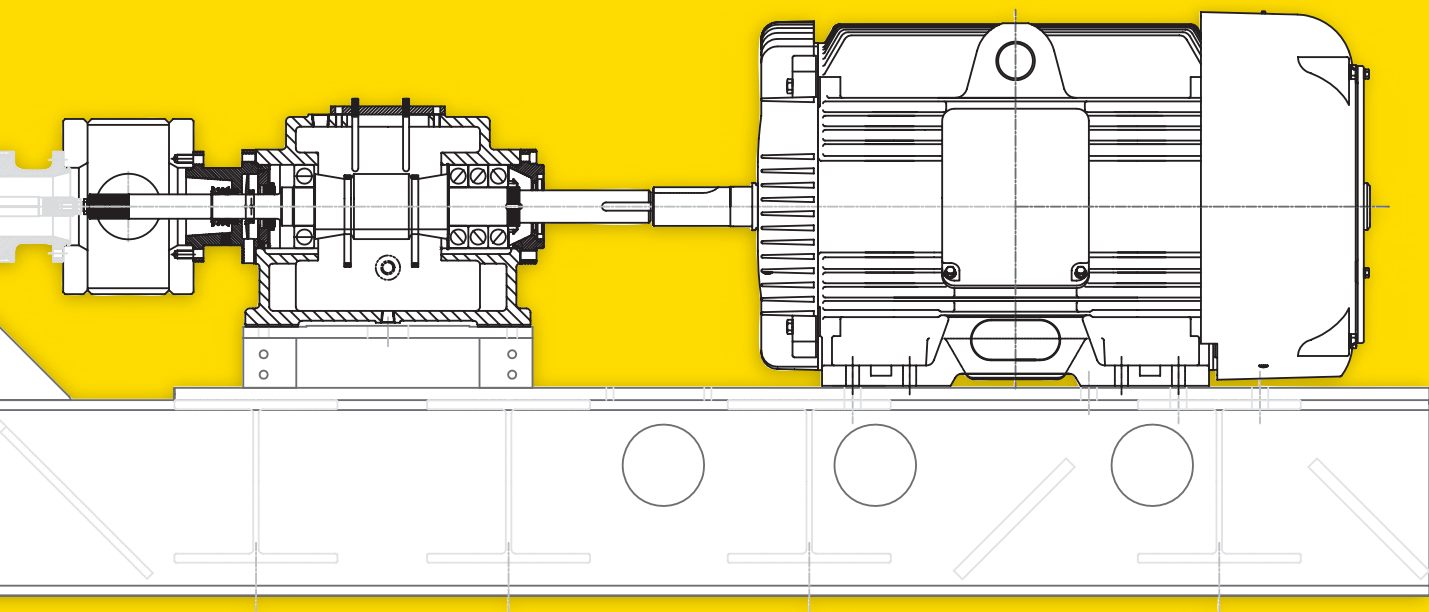
RPM believes that quality starts with design. The rigid Modular skid design is specifically designed to decrease vibrations and ensure true alignment for the life of the skid. The RPM Multi stage pumps have been specifically designed to produce higher head per stage resulting in shorter skids and better reliability.

Support

RPM supports all products for the life of the systems with specially trained horizontal technicians that are on standby 7 days a week, 24 hours a day.

Goal

RPM is determined to offer the highest quality product available in the industry and to build lasting relationships with our customers. Using "state of the art" technology to specifically design the best possible products.





Horizontal Pump Material Specifications

Rentzel Pump Manufacturing

Series	Model	Available Metallurgies, Coatings and Bushings															
		Metallurgy						Coating			Bushing						
		Cast Iron/ Bronze	Type 1 Ni-Resist	Type 4 Ni-Resist	Nickel Aluminum Bronze	316 Stainless	Duplex Stainless	Nickel	Teflon	Other	Tungsten Carbide	Carbon Graphite	Nickel Hardened	Ceramic	Rubber	Glass Filled Teflon	Bronze
P6	P6-50	—	X	X	—	—	—	X	X	X	X	X	X	X	—	—	X
	P6-65	—	X	X	—	—	—	X	X	X	X	X	X	X	—	—	X
	P6-80	—	X	X	—	—	—	X	X	X	X	X	X	X	—	—	X
	P6-200	—	X	X	—	—	—	X	X	X	X	X	X	X	—	—	X
	P6-265	—	X	X	—	—	—	X	X	X	X	X	X	X	—	—	X
	P6-350	—	X	X	—	—	—	X	X	X	X	X	X	X	—	—	X
	P6-550	—	X	X	—	—	—	X	X	X	X	X	X	X	—	—	X
P8	P8-SDCL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P8-SDCH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P8-600	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
P10	P10-390	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P10-500	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P10-ECM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P10-ECH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
P12	P12-ECL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P12-HAH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
P13	P13-CLC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P13-CMC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P13-CHC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

For other as required, please contact Rentzel Pump Manufacturing



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For more information on our premium technology,
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