

## SEPRO PUMP MODEL SIZES

### HEAVY DUTY HORIZONTAL SLURRY SERIES (HD)

*Ideal pump for heavy duty operation on highly abrasive and corrosive slurries.*

HD25AM(R) (1.5/1)

HD32AM(R) (2/1.5)

HD50AM(R) (3/2)

HD80AM(R) (4/3)

HD100AM(R) (6/4)

HD150AM(R) (8/6)

HD200AM(R) (10/8)

HD250AM(R) (12/10)

HD300AM(R) (14/12)

HD350AM(R) (16/14)

*Metal or Rubber liners available.*

### VERTICAL SUMP SERIES (HDSP, MDTV)

*Designed for continuous pumping of highly abrasive and corrosive industrial slurries.*

HDSP40M(R)

HDSP65M(R)

HDSP100M(R)

HDSP150M(R)

HDSP200M(R)

MDTV75TV

*Metal or Rubber liners available.*

### FROTH/TANK SERIES (VT/VF)

*Cantilever heavy duty tank pump for froth and slurry applications.*

VT40

VF50

VT50

VF80

VT80

VF100

VT100

VF150

VT150

VF200

VT200

### MEDIUM DUTY HORIZONTAL SLURRY SERIES (MD-L/MD-P)

*Simple, light and efficient design with lined and unlined options.*

MD50P (3/2)

MD80P (4/3)

MD100P (6/4)

MD150P (8/6)

MD200P (10/8)

MD250P (12/10)

MD200LM(R) (10/8)

MD250LM(R) (12/10)

MD300LM(R) (14/12)

*Metal or Rubber liners available.*

### GRAVEL SERIES (HDG)

*For highly abrasive slurry containing large solids.*

HD100G (6/4)

HD150G (8/6)

HD200G (10/8)

### FLUID PROCESS SERIES (FP)

*Corrosive, light abrasive slurry and dirty water applications.*

FP100PE (6/4)

FP150PF (8/6)

FP150C5 (8/60)

*Sepro Pump models listed here are for quick reference only. For complete model size listings, please refer to each pump model page insert.*

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**SEPRO PUMPS**  
SLURRY ■ SUMP ■ FROTH/TANK ■ FLUID  
WWW.SEPROPUMPS.COM

### KEY ADVANTAGES

- High wear resistance in abrasive slurry
- Quality manufactured materials
- Extended wear life for greater value
- Cost effective pump solutions for a variety of applications
- Various materials of construction are available for select models

### APPLICATIONS

- Mill Discharge
- Mineral Concentrate
- Tailings Discharge
- Flotation
- Dense Media
- Coal / Fly Ash
- Construction and Aggregates
- Sand and Gravel
- Process Water
- Dredging

### VERSATILE PUMPING SOLUTIONS

Sepro's line of pumps engineered for slurry, sump, froth and fluid applications are designed to withstand the most challenging conditions in the mining, aggregate, chemical and industrial sectors. Sepro's pump solutions are high value, powerful and cost effective. Each project has specific pump performance requirements, and Sepro works closely with each customer to determine which continuous duty horizontal or vertical pump model will best suit their process application. Our company offers a variety of different pump models to suit your specific project needs, including dewatering and process water, abrasive slurry, mineral froth, and various sump applications in a range of sizes. Built for reliable performance in tough environments, many Sepro pumps can be supplied with special materials of construction for enhanced wear resistance.

## SEPRO SLURRY PUMPS

Well designed and highly efficient, Sepro's Horizontal Slurry Pumps are heavy and medium duty suitable for a variety of challenging applications. Specifically tailings disposal, grinding circuit discharge, dense media, dredging, filter feed and hydro-cyclone feed are common applications for Sepro Slurry Pumps.

Each pump model Sepro offers has the ability to handle long-term abrasive slurry transport for both medium and heavy duty applications. Reliable operation is paramount on the job, and Sepro Slurry Pumps are cast from high quality alloy steel and various heavy duty materials of construction to ensure long wear life and great performance.

All horizontal slurry pumps that Sepro supplies have a combination of wet end materials available, such as high chrome, rubber, various grades of stainless steel and alloys. The newly developed **SH46**<sup>®</sup> material is also an option.



HD Pump



MD-TV Pump



HD-SP Pump

Sepro Sump Pumps offer excellent wear endurance for a diverse range of applications and are simple to install on site. Sepro supplies many different models of vertical sump pumps to suit the specific process duty, including highly abrasive slurries, moderately abrasive slurries, spillage and carbon transfer, C.I.P. Processes, induced flow as well as large and stringy or fibrous solids.

Sepro Sump Pumps are cast from high quality alloy steel and various heavy duty materials of construction to ensure long wear life and great performance. The cantilever design allows for simple installation without the risk of submerged bearings due to the protective sealing arrangement.

Each Sepro Sump Pump is available in different spindle or column lengths depending on project specifications. There are also interchangeable materials of construction to choose from including high chrome, cast iron, rubber, and the newly developed **SH46**<sup>®</sup> material.

## SEPRO SUMP PUMPS

## SEPRO FROTH/TANK PUMPS

Optimizing a variety of on-site processes is made simple with the cantilever Sepro Froth/Tank Pump Series. This pump series is designed for smooth operation and ease of maintenance. Offering a strategic solution for all tough applications requiring a tank and pump integration, Sepro VT/VF Pumps are suitable for mineral mining process plants, flotation froth, pulp and paper, sewage and effluent applications.

Sepro Froth/Tank Pumps are cast from high quality alloy steel and various heavy duty materials of construction to ensure long wear life and great performance. These large capacity pumps are supplied as free standing integrated units and installation is simple with no onsite alignment required. The cantilever design does not require submerged bearings or shaft seals and all components are integrated into one unit that is self contained.



VT Pump



VF Pump

## SEPRO FLUID PROCESS PUMPS

Sepro Fluid Process Pumps have been designed as a reliable solution for a variety of centrifugal dewatering and process water applications. Featuring a compact double volute design, the Sepro Fluid Process Pump is well equipped for fluid management in a range of mining, chemical and industrial applications. This includes waste water, pressure boost, drainage, and general water distribution.

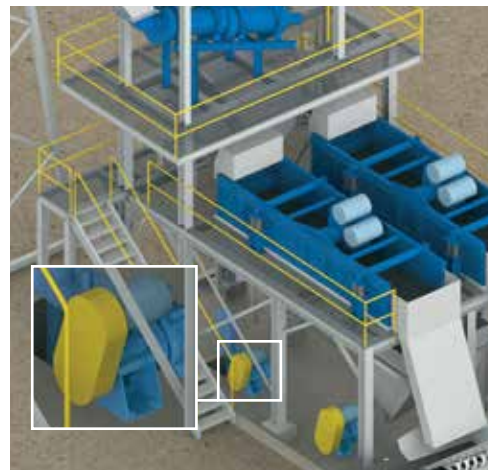
Offering an adjustable or closed impeller design as well as high capacity bearings to increase efficiency, the Sepro Fluid Process Pump is constructed to handle the demands of high volume dewatering duties. The one piece frame is cast from high quality alloy steel for long term wear endurance. Casings are designed to allow for simple rotation and maintenance when required with no loss to operating pressure capability.



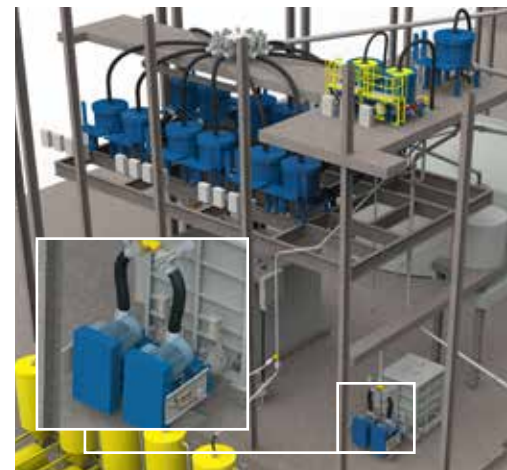
FP Pump

## COMPLETE PROCESSING SOLUTIONS

Sepro Pumps are not only ideal as an independent solution for most mining and aggregate slurry applications, but are also assets in Sepro's customizable process solutions alongside our company's proven equipment. Sepro engineers mobile, modular and fixed plant designs which incorporate the complete line of slurry, sump, froth and fluid Sepro Pumps. This ensures that the design and supply of complete plant packages maintains the level of quality our company strives for in every project completed, and that each customer will have their objectives achieved in operation.



Sepro HD Slurry Pumps installed in a dense media separation circuit.



Sepro HD Slurry Pumps installed in a gold recovery circuit.

## SPARE PARTS

High quality parts and durable components are Sepro's design standards. These materials of construction ensure maximum wear resistance and long life in a variety of pump applications, which is an important consideration when evaluating long term pump costs. For maintenance or urgent replacement parts, we maintain a warehouse of recommended and common pump spare parts to ensure prompt availability on demand.

