



# MILLER

SALES & ENGINEERING INC.



**COMPLETE LINE**

# OVERVIEW

*YOUR EXPERTS FOR  
**PUMP SYSTEMS**  
PACKAGES AND REBUILDS*

***MSEINC.NET***

FLEXIBILITY - CREATIVITY - COMMITMENT - TRUST

## PERMANENT PUMP STATIONS



Pump Stations designed to include sumps/tanks, pumps, motors, distribution piping, and all required electrical and mechanical equipment needed for proper operation.

## WATER WHEEL EQUIPMENT



Full well pumping packages designed to meet demands for small, large and deep wells. Packages include: Pumps, Motors, Cable, Starters, Column Pipe, Shrouds, Well Heads, & Discharge Assemblies.

## PORTABLE PUMP SKIDS



Custom fabricated skids, tanks, pump mounts, piping, and controls for both surface and underground operations.

## BARGE



Custom fabricated barges with walk-ways, rails, and piping for use on projects requiring pumping out of a body of water.

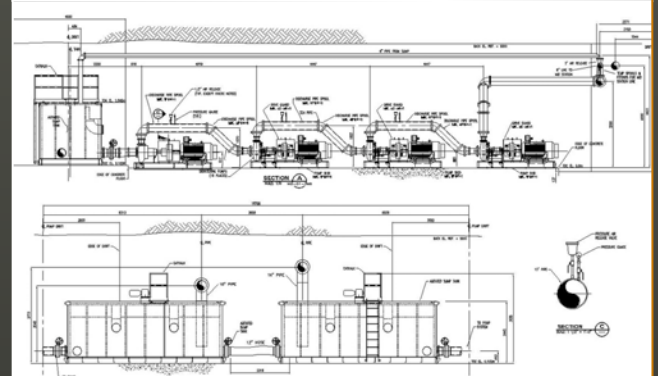
## ENGINEERING SERVICES

## SERVICES

PUMPING SYSTEM AND PIPELINE DESIGN

PUMP SYSTEM CONSULTING

THIRD PART REVIEWS



## PUMP REPAIR SERVICES



Tear down, inspection and repairs available on most manufactures, vertical turbine, end suction, split case and slurry pumps.

## COMPLETE PRODUCT LINES TO FIT ANY PROJECT NEED

## Water Well

- Pumps- vertical line shaft, submersible, and oil-field deep set pumps (for high temp and depth).
- Piping and Discharge Equipment- check valves, column pipe, flow meters, gauges, valves, flexible riser hose.
- Well Heads and Pump Shrouds- engineered for any string weight.
- Motors- submersible & vertical solid/hollow shaft.
- Electrical- cable, starter panels, VFDs, transformers.

## Process Equipment

- Vertical line shaft turbines- product or oil lube
- End suction slurry pumps
- vertical cantilever
- Inline multistage pumps
- End suction pumps- C-face or frame mounted
- Plunger/piston pumps
- Portable submersible pumps
- Jumbo mounted dewatering pumps

## Ancillary Equipment

- Hi-PM check valves- up to 900 PSI.
- Slurry and process valves
- Horizontal motors
- Diesel driven, self priming trash pumps- trailer or skid mounted



# PRODUCT LINE OVERVIEW



SLB

SLB Well Pumps are for specific applications where you need to maximize the production of your well.

- Flow capacity up to 4,000 GPM.
- Submersible motors in sizes up to 1800hp.
- Maximum operating temperature of the submersible motor is 204°C (400°F).
- Horizontal surface pumps to achieve up to 6,650 PSI and 1,850 GPM with motors as big as 2,500 HP.

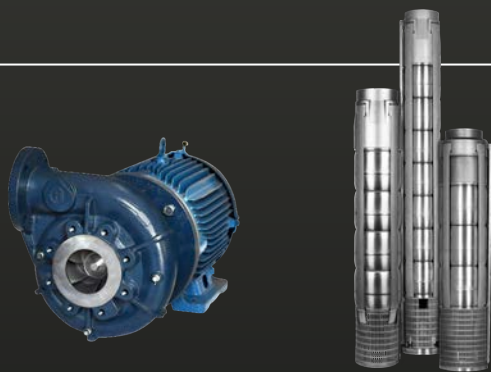


TSURUMI PUMP

Single phase and three phase submersible motors ranging in fractional hp to 250hp. With heads up to 700ft of lift and flows reaching 5,000gpm, these pumps come in SS316 and titanium for corrosive applications as well.

As the Tsurumi master distributor in Arizona & New Mexico, we can offer:

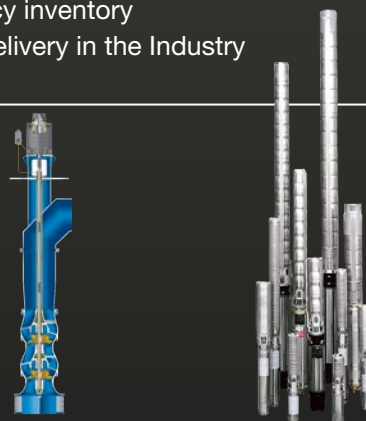
- Back-up pump service
- Emergency inventory
- Fastest delivery in the Industry



FRANKLIN ELECTRIC

Franklin Electric Submersible & Vertical Turbine Pump ranges from 4"-12" submersible pumps, and 5"-42" vertical turbine pumps, plus end suction and high pressure booster pumps.

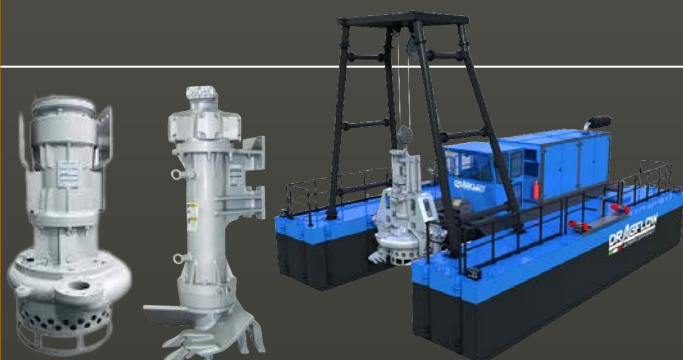
- Flow capacity up to 35,000 GPM
- Water temperatures up to 75°C (167°F)
- Motors: Single-Phase 110V/230V or Three-Phase 480V



WILO

Wilo Submersible & Vertical Turbine Pump ranges from 4" to 10" submersible pumps, and 5"-42" vertical turbine pumps, plus end suction and high pressure booster pumps.

- Flow capacity up to 30,000 GPM
- Water temperatures up to 82.2°C (180°F)
- Motors: Single-Phase 110V/230V or Three-Phase 480V.



## DRAGFLOW

Submersible slurry pumps and dredges. Dragflow designs high-performance hydraulic and electric dredging pumps for unbeatable pumping and dredging solutions for the toughest applications.

- Head pressure up to 170 PSI
- Flow capacity up to 19,800 GPM



## PANACEA PUMPS

BESST's Panacea Pumps are built out of rugged materials, designed for durability and consistency, and require little to no maintenance. The pump is powered by inert gas or air, meaning no more risk of malfunctioning from overheating motors.

- Usable to 3000 ft bgs
- Volume booster technology for low submergence
- PVC, Delrin or SS316
- Filter options: Ceramic/Poly/SS



## YAMADA

An air-operated double diaphragm (AODD). Pump AODD is a versatile and reliable pump the most popular mining applications include: slurry handling, water removal, chemical handling, fuel and lubricant transfer.

- Flow capacity up to 300 GPM
- Port ranges from 1/4" to 3"



## CORNELL

Cornell has delivered dependable, reliable, and efficient dewatering pumps for decades. Our pumps are up to the toughest challenge, whether it's coarse abrasives, rapidly-changing water levels, high head requirements or a combination of factors.

- Head pressure up to 600 PSI
- Flow capacity up to 40,000 GPM



PCM

PCM, a leading positive displacement pumps manufacturer. For more than 90 years, PCM has been offering high-quality, cost effective solutions based on low life-cycle costs to our customers in general industries.



TRUFLO

The Truflo Jumbo pumps have been engineered specifically for underground mining industry. Wear parts manufactured from super-tough High Chrome Iron, and with dry prime from its cooling system are the best solution to drift face dewatering. These pumps are designed to be service quick and easy while they are still mounted on the Jumbo.



TECHNOSUB

#### MH SERIES

High Pressure Multistage Centrifugal Pumps. High pressure applications, fast delivery and customized design make's this pump the ultimate standard for the mining industry.

- Head pressure up to 2300 FT (1000 PSI)
- Flow capacity up to 3000 GPM (680 m3/h)



MILLER SALES &amp; ENGINEERING

HI-PM Check Valve is a non-slam, spring-assisted, high pressure check valve designed for various fluids and temperatures. Due to its construction it is a low-maintenance option for high pressure applications. The check valve is available in a variety of sizes and options:

- Connection standard is grooved pipe end in sizes 4in-12in
- Standard metallurgy is Ductile Iron
- 1045 Carbon steel also available

# THE SOLUTION TO YOUR PUMPING CHALLENGES

## SERVICES

TEST BENCH

ENGINEERING

SPARE PARTS

SERVICE & REPAIR



COMPLETE LINE OVERVIEW

## MILLER SALES & ENGINEERING GOES BEYOND PROVIDING PUMPING SOLUTIONS

Our engineers and technical representatives are always available to solve pumping challenges, at every stage of the process, anywhere, anytime.

## IN ADDITION TO OUR PUMP LINES, OUR TEAM CAN SUPPLY

- General arrangement drawings
- On-site assistance, solution engineering & commissioning
- Detailed drawings
- Sump designs
- Piping calculations
- Valve selection
- Control panel selection / programming
- Operating sequences
- Protection against water hammer & cavitation
- Installation methods & designs
- Pump school







## TUCSON

1641 W. Commerce Ct.  
Tucson, AZ 85746  
T (520) 888-4101

**mseinc.net**  
info@mseinc.net

## ELKO

1430 Stitzel Rd.  
Elko, NV 89801  
T (775) 600-3999

**mseinc.net**  
info@mseinc.net



**MILLER**  
SALES & ENGINEERING INC.



*LET'S WORK **TOGETHER***

A DIVISION OF  
**TECHNOSUBGROUP**