

MINING PUMPS

BUILT FOR SEVERE DUTY
MINING APPLICATIONS



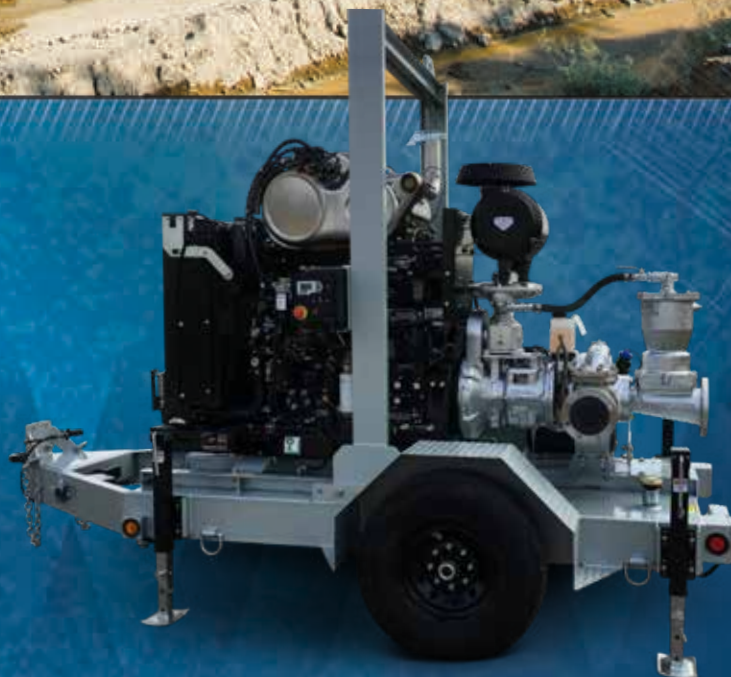
SWP Mining Pumps are engine driven pump packages turn-key ready for a wide variety of demanding mining applications.

STANDARD FEATURES

- High quality pump packages from 4" to 8"
- Dependable and fuel efficient Perkins engines
- Heavy-duty design for mining applications
- Industry leading efficiencies
- Handles gravel and solids up to 3" in diameter
- Runs dry and unattended
- Redi-Prime system allows for fully automatic continuous priming
- Auto-Start capable control panel
- Trailer with electric brakes with safety breakaway
- Highly maneuverable DOT highway ready trailer
- 2 year or 2,000 hour limited warranty
- Designed, engineered and assembled in USA

OPTIONS

- Telematics for remote monitoring and security
- CD4 stainless steel pumps
- Custom painted pump and trailer



Built ready for use in mines with harsh conditions needing dependable equipment

Designed, engineered and
assembled in USA



Contact SWP for Pricing and Availability

Surprise, AZ
602.269.3581

Signal Hill, CA
562.424.0913

Galt, CA
209.245.6000

Houston, TX
832.957.6400

www.SouthwestProducts.com

PUMP MODEL	4MI-HH-P	4MI-XH-P	6MI-P	6MI-HH-P
PUMP SPECIFICATIONS				
Pump Manufacturer	Cornell	Cornell	Cornell	Cornell
Pump Model	4414T	4622MX	6612T	6NHTB19
Impeller Diameter	14.00"	22.00"	12.0"	19.50"
Maximum Flow (GPM)	1660	1660	3000	3500
Maximum Pressure (Ft of H ₂ O/psi)	430/186	670/290	240/104	510/221
BEP	78%	65%	82%	71%
Maximum Speed (RPM)	2300	1900	2200	2100
Suction	4"	6"	6"	8"
Discharge	4"	4"	6"	6"
SAE Housing	3	1	3	1
Prime Output HP (gross)	170 HP @ 2300 RPM	360 HP @ 1900 RPM	110 HP @ 2200 RPM	370 HP @ 1900 RPM
ENGINE SPECIFICATIONS				
Engine Mfg	Perkins	Perkins	Perkins	Perkins
Engine Model	1206J-E70TTA	1706J-E93TA	1204J-E44TA	1706J-E93TA
Continuous Output HP (gross)	200 HP @ 2200 RPM	415 HP @ 1900 RPM	148 HP @ 2200 RPM	415 HP @ 1900 RPM
Emissions Certification	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
FUEL CONSUMPTION				
25% load (gal/hr)	1.99 @ 2000 RPM	4.17 @ 2000 RPM	1.73 @ 2000 RPM	4.82 @ 2000 RPM
50% load (gal/hr)	3.98 @ 2000 RPM	8.34 @ 2000 RPM	3.47 @ 2000 RPM	9.65 @ 2000 RPM
75% load (gal/hr)	5.96 @ 2000 RPM	12.51 @ 2000 RPM	5.20 @ 2000 RPM	14.47 @ 2000 RPM
100% load (gal/hr)	7.95 @ 2000 RPM	16.68 @ 2000 RPM	6.93 @ 2000 RPM	19.30 @ 2000 RPM
DIMENSIONS				
Length with Trailer	155 in	180 in	186 in	180 in
Width with Trailer	78 in	84 in	79 in	84 in
Height with Trailer	98 in	110 in	77 in	110 in
Weight with Trailer	6,070 lb	7,130 lb.	6,100 lb.	7,400 lb.
OTHER OPTIONS				
Trailer w/ Integrated Fuel Tank	Yes	Yes	Yes	Yes
Integrated Fuel Tank Size (gal)	190 gal	230 gal	190 gal	230 gal
Stainless Steel CD4	Available	Available	Available	Available

Robust Design for Efficient
and Dependable Operation.

Contact SWP for Pricing and Availability

Surprise, AZ **Signal Hill, CA** **Galt, CA** **Houston, TX**
602.269.3581 **562.424.0913** **209.245.6000** **832.957.6400**





MINING PUMPS

PUMP MODEL

6MI-XH-P

8MI-P

8MI-HH-P

PUMP SPECIFICATIONS

Pump Manufacturer	Cornell	Cornell	Cornell
Pump Model	6822MX	8NNT	8NHTA
Impeller Diameter	22.00"	14.0"	17.50"
Maximum Flow (GPM)	4250	4500	5600
Maximum Pressure (Ft of H ₂ O/psi)	650/281	255/110	350/152
BEP	75%	81%	82%
Maximum Speed (RPM)	1900	1900	1800
Suction	8"	8"	10"
Discharge	6"	8"	8"
SAE Housing	1	3	1
Prime Output HP (gross)	580 HP @ 1700 RPM	175 HP @ 1900 RPM	270 HP @ 1800 RPM

ENGINE SPECIFICATIONS

Engine Mfg	Perkins	Perkins	Perkins
Engine Model	2806J-E18TA	1206J-E70TTA	1206J-E70TTA
Continuous Output HP (gross)	600 HP @ 1700 RPM	200 HP @ 2200 RPM	302 HP @ 2200 RPM
Emissions Certification	Tier 4 Final	Tier 4 Final	Tier 4 Final

FUEL CONSUMPTION

25% load (gal/hr)	8.29 @ 1800 RPM	2.31 @ 2000 RPM	3.39 @ 2000 RPM
50% load (gal/hr)	16.59 @ 1800 RPM	4.63 @ 2000 RPM	6.78 @ 2000 RPM
75% load (gal/hr)	24.88 @ 1800 RPM	6.94 @ 2000 RPM	10.16 @ 2000 RPM
100% load (gal/hr)	33.18 @ 1800 RPM	9.25 @ 2000 RPM	13.55 @ 2000 RPM

DIMENSIONS

Length with Trailer	200 in	180 in	180 in
Width with Trailer	84 in	84 in	84 in
Height with Trailer	125 in	110 in	110 in
Weight with Trailer	7,860 lb	6,400 lb.	6,730 lb.

OTHER OPTIONS

Trailer w/ Integrated Fuel Tank	Yes	Yes	Yes
Integrated Fuel Tank Size (gal)	230 gal	230 gal	230 gal
Stainless Steel CD4	Available	Available	Available

 Perkins®

 CORNELL



www.SouthwestProducts.com

BUILT MINING TOUGH

The SWP Mining Pump Series is a heavy-duty platform giving you the flexibility to add and configure options including a variety of engines, pumps, trailers, and controls.

DESIGNED FOR YEARS OF SERVICE

- Heavy-duty engines, pumps and components
- High quality pump packages from 4" to 8"
- Dependable and fuel efficient Perkins engines
- Industry leading pump efficiencies
- Handles gravel and solids up to 3" in diameter
- Runs dry and unattended
- Redi-Prime system allows for fully automatic continuous priming
- Auto-start capable control panel
- Trailer with electric brakes with safety breakaway
- Highly maneuverable DOT highway ready trailer
- 2 year or 2,000 hour limited warranty
- Design, engineered and assembled in USA

OPTIONAL FEATURES

- Telematics for remote monitoring and security
- CD4 stainless steel pumps
- Custom painted pump and trailer

SWP Mining Pumps 5 Reasons That Matter



OTHER FEATURES FOR OPERATING EASE AND DEPENDABILITY



Auto start capable digital control panels



High quality Cornell pumps built for mining



Factory cooling system for extreme conditions



Trailer with large capacity integrated fuel tank



Highway ready trailers with 1 or 2 axles