

Techno@sub

INDUSTRIAL PUMPS
DEWATERING SOLUTIONS



TECHNOSUB **TP**
SERIES

CENTRIFUGAL AUTO PRIME TRASH PUMPS

TECHNOSUB TP SERIES

CENTRIFUGAL AUTO PRIME TRASH PUMPS

Designed for efficiency, ease-of-maintenance, and long-service life, Technosub centrifugal auto prime trash pumps are specifically constructed to handle a wide range of liquids, in a completely automatic priming pump system.

TRASH AUTO PRIME SERIES

STANDARD TRASH AUTO PRIME (TSTAP)

- Max Flows from 1250 to 12500 gpm (284 to 2840 m³/hr)
- Max Head from 116 to 165 ft (35 to 50 m)

HIGH TRASH AUTO PRIME (THTAP)

- Max Flows from 1600 to 16000 gpm (363 to 3634 m³/hr)
- Max Head from 174 to 238 ft (53 to 73 m)

HIGH HEAD AUTO PRIME SERIES

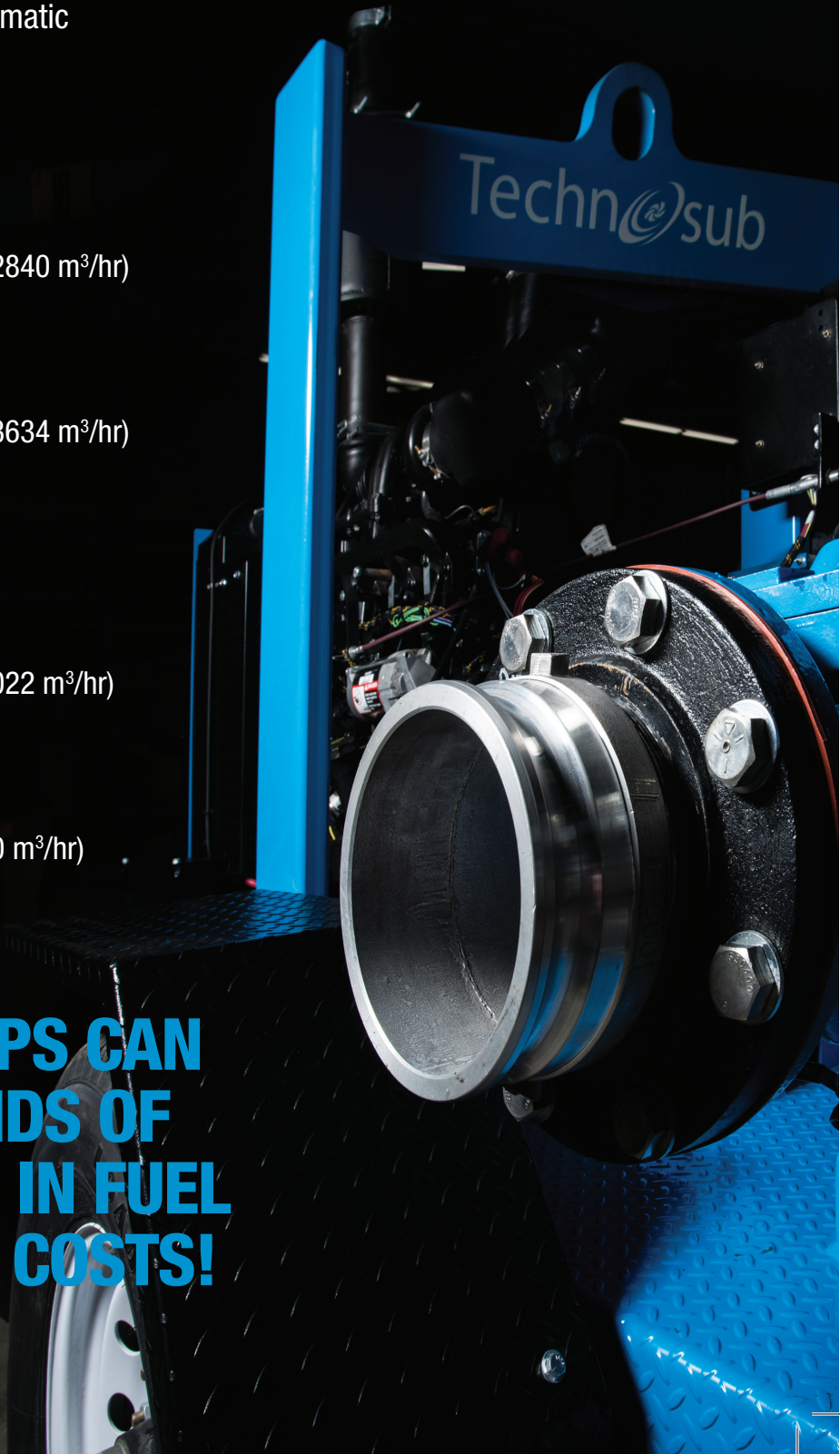
STANDARD HIGH HEAD AUTO PRIME (TSHAP)

- Max Flows from 1100 to 4500 gpm (250 to 1022 m³/hr)
- Max Head from 330 to 380 ft (101 to 116 m)

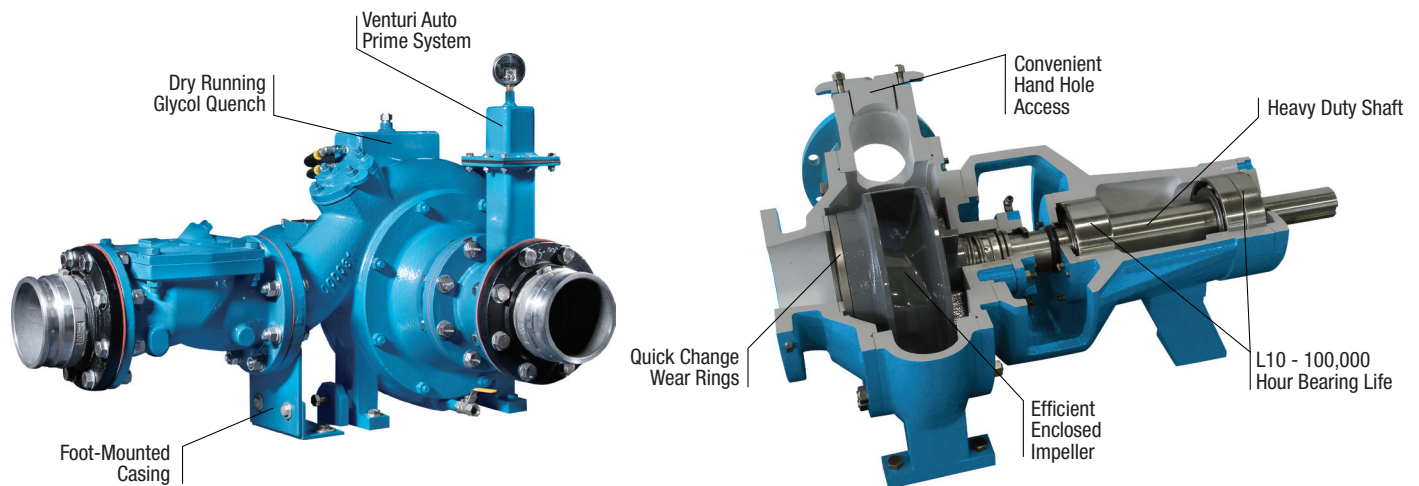
HYPER HIGH HEAD AUTO PRIME (THHAP)

- Max Flows from 425 to 7000 gpm (97 to 1590 m³/hr)
- Max Head from 520 to 606 ft (159 to 185 m)

**ASK HOW OUR PUMPS CAN
SAVE YOU THOUSANDS OF
DOLLARS PER YEAR IN FUEL
AND MAINTENANCE COSTS!**



SECTIONAL VIEW DESIGN



**DESIGNED FOR EFFICIENCY,
EASE-OF-MAINTENANCE,
AND LONG-SERVICE LIFE**

Suction Cover, Stuffing Box, and Bearing Housing can be pulled out for service without disturbing the casing, suction, or discharge. Repairs can often be done in the field.

OPTIONS AVAILABLE

SOUND ATTENUATED ENCLOSURE

Technosub sound attenuated enclosures are ideally suited for operations in residential and other areas where noise reduction is an important consideration.

Made of 12-gauge Galvannealed-Steel (or optional stainless steel), panels are insulated with a 1-1/4 inch thick fire retardant acoustical foam to reduce noise level to no more than 70 db at 30 feet (9m). Custom db levels are available to meet design requirements.

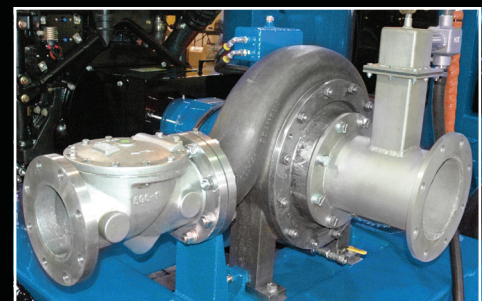
Designed for upward exhaust of combustion gases and cooling air. Panels are removable for maintenance and repair. Panel doors, with locks, provide easy access to the pump, engine, priming system, and controls for routine servicing, lubrication, and fueling.



Sound attenuated enclosure

CD4MCu

As an option, Technosub provides its full line of outstanding Trash and High Head pumps in CD4MCu, a high grade duplex stainless steel, for applications where corrosion and/or abrasion are a concern.



CD4MCu

TRASH AUTO PRIME SERIES

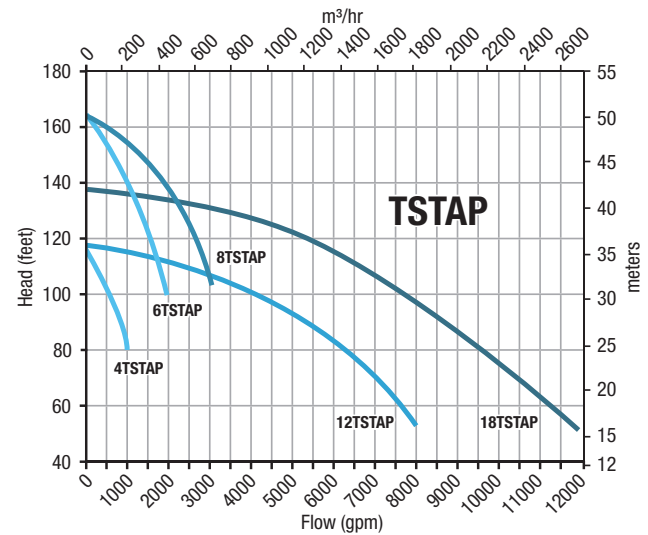
Technosub Standard and High Trash Auto Prime pumps are specifically designed to effectively handle a wide range of liquids from water and sewage, to sludge that can contain solids and other material. Technosub Trash Auto Prime pumps, with advanced enclosed impeller design, provide a dependable, highly efficient solution in a completely automatic priming pump.

- Highest in fuel efficiency
- Ease of maintenance
- Durability
- Diesel, Electric or Hydraulic drives available

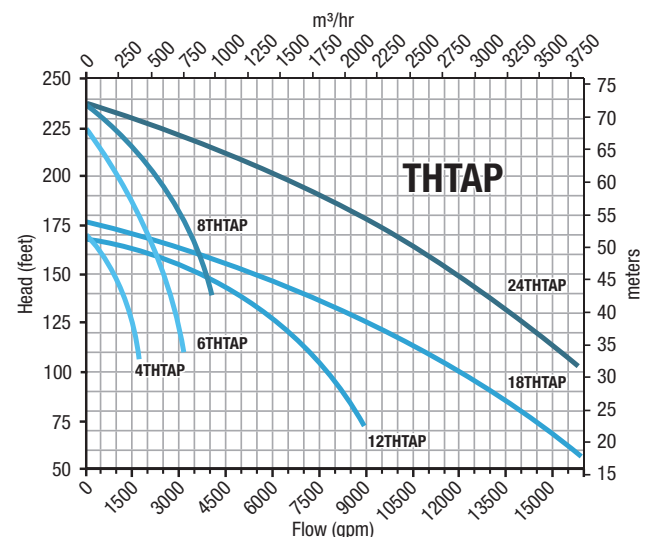
FEATURES

- Technosub's rugged, heavy duty pumps are specifically engineered for portable applications.
- Fully Automatic Ventury Priming System allows for reliable and rapid prime and re-priming. Proven to be the most reliable priming system in the industry.
- Dry running mechanical seal.
- Pump casings are hydrostatically tested to 50 psig (345kPa) above the peak casing design pressure.
- Standard engine control panel provides preset emergency shutdown protection and allows the addition of automatic level control.
- Highway trailer with integral fuel cell/chassis, lights, fenders, tie downs, lifting bail, front and rear jacks.
- Technosub's environmental box captures ventury blow by, separates and silences air exhaust and returns liquid to the pump suction.

TSTAP



THTAP



Technical data sheets are available for all models
www.technosub.net/en/brands/technosub

TECHNOSUB STANDARD TRASH AUTO PRIME

MODEL	ANSI FLANGES		MAX FLOW		MAX HEAD		MAX SOLIDS		ENGINE		MAX RPM
	INCHES	MM	GPM	M ³ /HR	FT	M	IN	MM	HP	KW	
4TSTAP	4 X 4	100	1250	284	116	35	3	75	36	27	2200
6TSTAP	6 X 6	150	2750	625	165	50	3	75	85	63	2200
8TSTAP	8 x 8	200	3400	772	165	50	4	100	115	86	1900
12TSTAP	12 x 12	300	8300	1885	117	36	4	100	173	129	1200
18TSTAP	18 x 14	450 x 350	12500	2840	138	42	4	100	250	187	1200



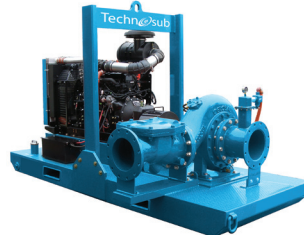
4TSTAP



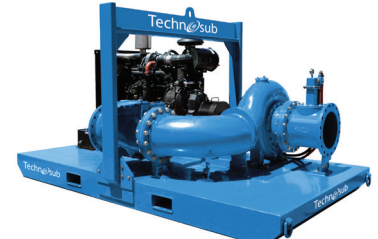
6TSTAP



8TSTAP



12TSTAP



18TSTAP

TECHNOSUB HIGH TRASH AUTO PRIME

MODEL	ANSI FLANGES		MAX FLOW		MAX HEAD		MAX SOLIDS		ENGINE		MAX RPM
	INCHES	MM	GPM	M ³ /HR	FT	M	IN	MM	HP	KW	
4HTAP	4 X 4	100 x 100	1600	365	174	53	3	75	60	45	2200
6HTAP	6 X 6	150 x 150	3200	727	220	67	3	75	115	86	2000
8HTAP	8 x 8	200 x 200	4400	1000	230	70	4	100	173	129	1900
12HTAP	12 x 12	300 x 300	8800	2000	135	41	4	100	250	187	1200
18HTAP	18 x 14	450 x 350	14000	3180	135	41	4	100	250	187	1200
18HTAP	18 x 14	450 x 350	16000	3634	176	54	4	100	400	298	1200
24HTAP	24 x 18	600 x 450	14000	3180	182	56	4	100	400	298	1050
24HTAP	24 x 18	600 x 450	16000	3634	237	72	4	100	600	448	1200



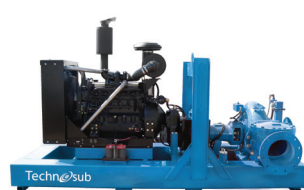
4HTAP



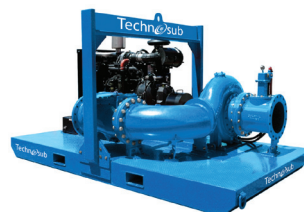
6HTAP



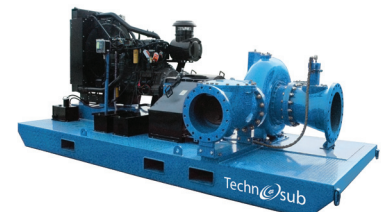
8HTAP



12HTAP



18HTAP



24HTAP

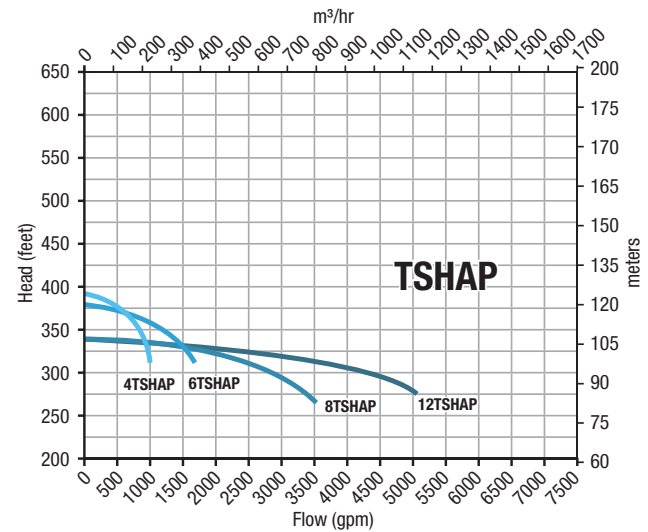
HIGH HEAD AUTO PRIME SERIES

Technosub High Head Auto Prime pumps are specifically designed to effectively handle a wide range of liquids in applications such as liquid transfer, wash down, fire protection, fracking and jetting where high heads and pressure are required. Technosub High Head Auto Prime pumps provide a dependable, highly efficient solution in a completely automatic priming pump.

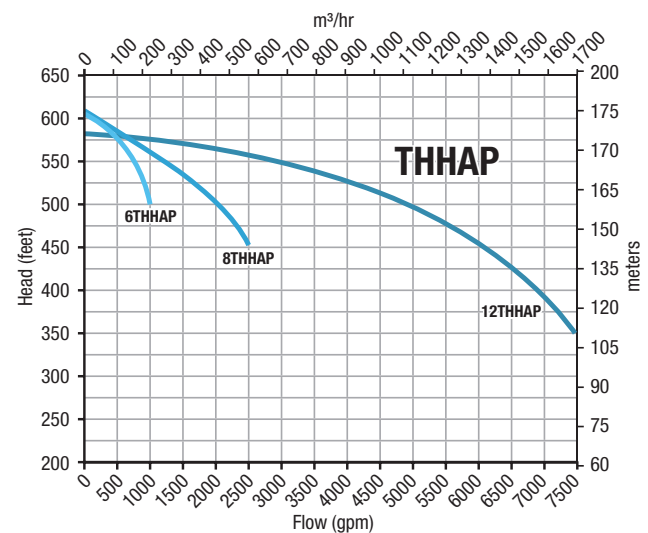
In addition to the features shown in the previous section, all Technosub pumps have these options:

- Fuel tanks for extended run times and/or remote location
- Modular trailer kit
- Trailer brakes and lights
- Technosub SoundGuard enclosure
- Hose racks, accessory containers and other custom features available

TSHAP



THHAP



Technical data sheets are available for all models
www.technosub.net/en/brands/technosub

TECHNOSUB STANDARD HIGH HEAD AUTO PRIME

MODEL	ANSI FLANGES		MAX FLOW		MAX HEAD		MAX SOLIDS		ENGINE		MAX
	INCHES	MM	GPM	M ³ /HR	FT	M	IN	MM	HP	kW	RPM
4TSHAP	4 x 3	100 x 75	1100	250	380	120	0.63	16	115	86	2100
6TSHAP	6 x 4	150 x 100	2000	450	360	110	0.88	22	173	129	2100
8TSHAP	8 x 6	200 x 150	3500	800	340	105	1.38	35	250	187	2000
12TSHAP	12 x 8	300 x 200	4500	1000	330	100	1.5	38	400	313	2000



4TSHAP



6TSHAP



8TSHAP



12TSHAP

TECHNOSUB HYPER HIGH HEAD AUTO PRIME

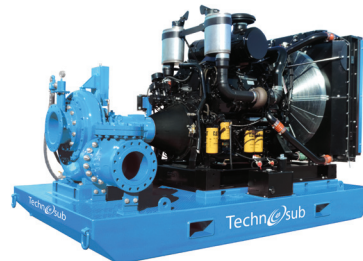
MODEL	ANSI FLANGES		MAX FLOW		MAX HEAD		MAX SOLIDS		ENGINE		MAX
	INCHES	MM	GPM	M ³ /HR	FT	M	IN	MM	HP	kW	RPM
6THHAP	6 x 4	150 x 100	1250	285	606	185	0.88	22	250	187	1800
8THHAP	8 x 6	200 x 150	2375	540	606	185	1.38	35	400	313	1800
12THHAP	12 x 10	300 x 250	6700	1523	461	140	2.5	63	600	448	1600
12THHAP	12 x 10	300 x 250	7000	1591	520	158	2.5	63	800	597	1700
12THHAP	12 x 10	300 x 250	7500	1700	582	180	2.5	63	1050	783	1800



6THHAP

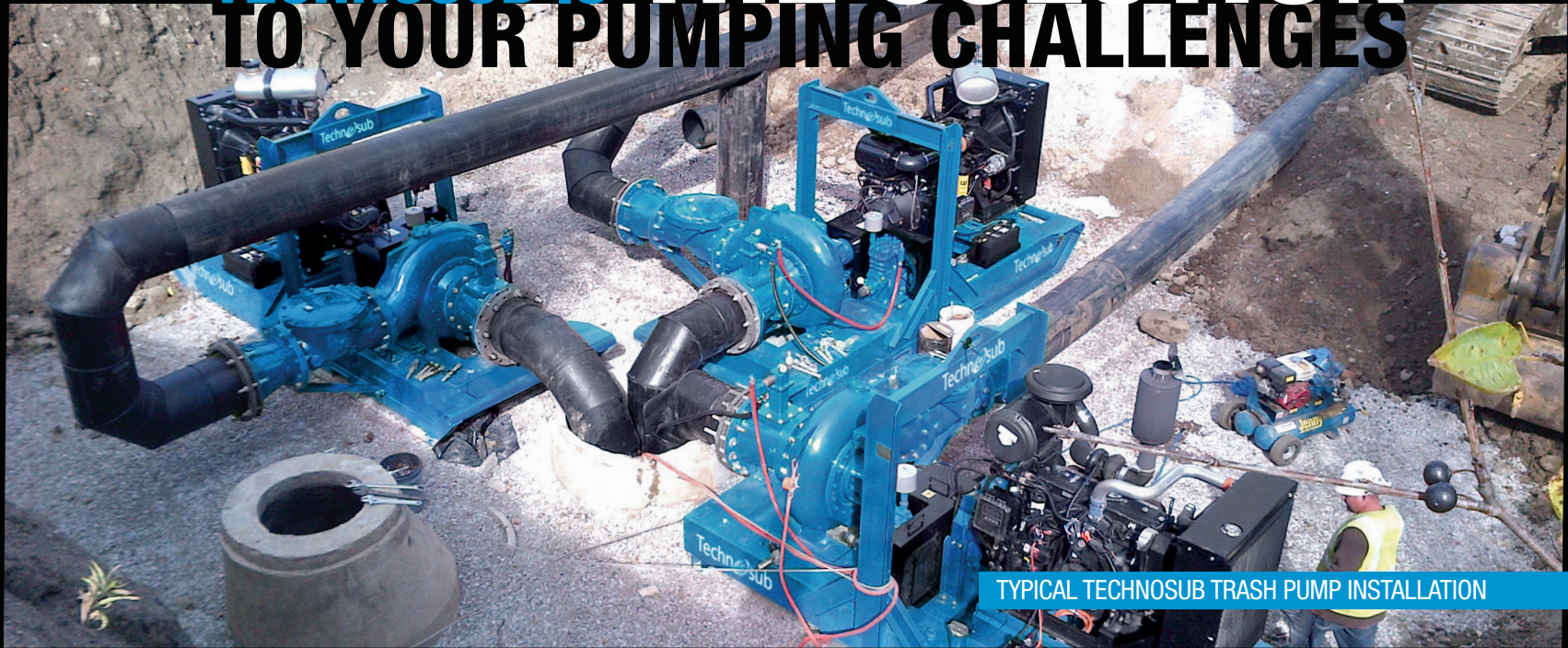


8THHAP



12THHAP

TECHNOSUB IS THE SOLUTION TO YOUR PUMPING CHALLENGES



TYPICAL TECHNOSUB TRASH PUMP INSTALLATION

Technosub service goes beyond providing pumping solutions. Our engineers and technical representatives are always available to solve pumping challenges, at every stage of the process, anywhere, any time.

IN ADDITION TO THE TECHNOJET PUMPS, 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 and foundation designs

ARE YOU SUCCESS READY ?

ENTER THE CYCLE
OF SUCCESS



TECHNOSUB.NET

1156 Larivière avenue, Rouyn-Noranda QC Canada J9X 4K8
TOLL FREE 1 866 797-3300 F 819 797-3060 info@technosub.net

Technosub

INDUSTRIAL PUMPS
DEWATERING SOLUTIONS