

PUMP BROCHURE



uniflo
PUMP GROUP

HYDROX PUMP SERIES



Designed and engineered for the most rugged and demanding applications. With decades of pumping experience, Tru-Flo products guarantee premium quality and high performance.

APPLICATIONS:

MINE DEWATERING

WATER TRANSFER

INDUSTRIAL

MUNICIPAL

OIL & GAS





GREAT SERVICE GREAT PUMPS

Uni-Flo Pump Group is a leading and innovative distributor of pumping equipment.

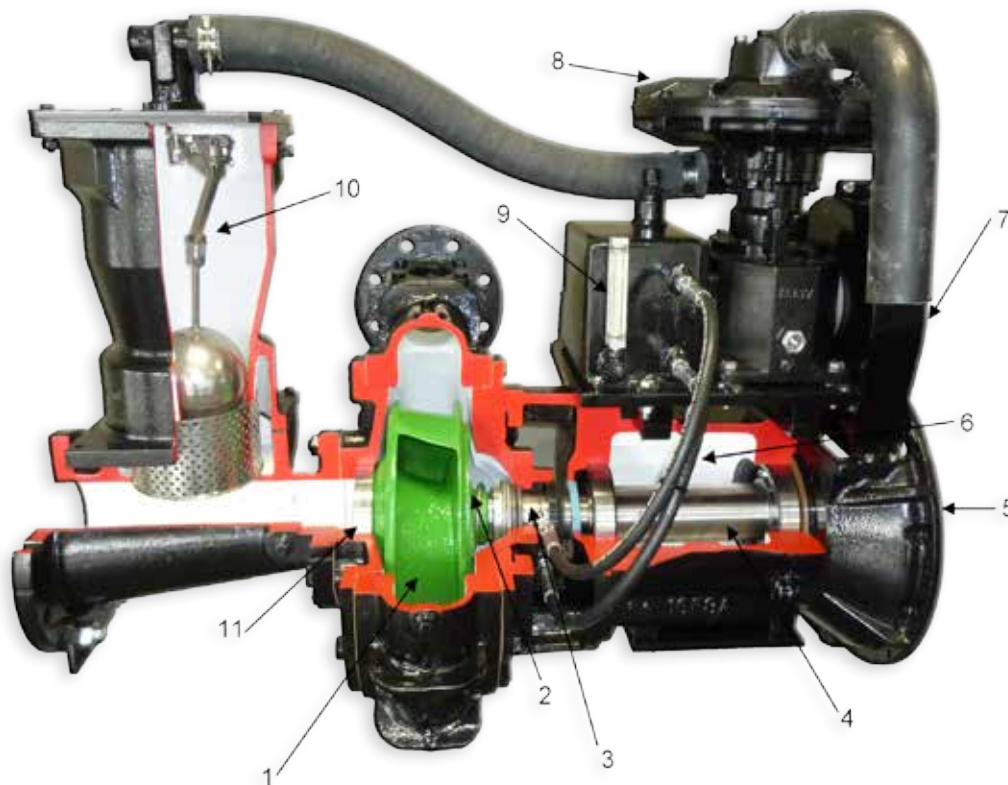
Our pump solutions guarantee quality, durability and deliver maximum performance at minimum cost.

Uni-Flo's team of global partners offer quality in both product and support.

Uni-Flo Pump Group is proud to be the sole USA distributor for Tru-Flo Pumping Systems, including both open cut and underground mining equipment.

Tru-Flo mine dewatering pumps are used all over the world by leading mining companies and contractors who value premium quality, reliability and performance.

SPECIFICATIONS



STANDARD PUMP CONSTRUCTION

- Sizes available - 3" to 26"
- Mounting configuration - SAE engine mount or electric motor mount
- Casing material - Ductile iron, marine grade bronze, 316 stainless steel or CD4MCU
- Impeller material - Chromium stainless steel, CD4MCU or 316 stainless steel
- Wear rings - Chromium stainless steel
- Shaft - Stainless steel or stress proof 4 - 7ph shaft steel
- Shaft Sleeve - Stainless steel 431 with hard chrome plating
- Mechanical Seal - Cycloseal® with Thermosiphon dry run lubrication reservoir

VAC-PRIME FEATURES

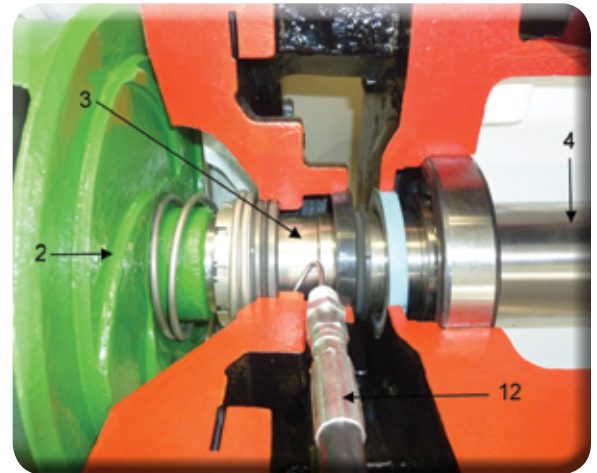
- Vac-Prime pumping capacities range from 235 gpm to 1268 gmp (15 litres/second to 800 litres/second)
- Solids handling capacity ranges from 2" to 6" sphere
- Operating heads up to 780 feet
- Speed range from 600rpm to 3000rpm

VAC-ASSIST PUMP

FEATURES & BENEFITS

- Perfect for dirty abrasive water
- Fully automatic self-priming
- Handles air/liquid mixtures with ease
- Unattended, rapid reprime
- Environmentally safe priming system designed to prevent leakage
- Patented run-dry Cycloseal® system
- Handles large-sized solids
- High suction lift capability up to 28 ft (8.5 mtr)
- Patented slurry seal
- Premium hydraulic efficiency for reduced fuel and power consumption

1. Solids handling impeller
2. Cycloseal™ slurry expelling veins
3. Run Dry slurry seal
4. Heavy duty stainless steel shaft
5. SAE engine mounting
6. Heavy duty bearings
7. Heavy duty vacuum pump drive
8. 50 cfm vacuum primer
9. Seal oil reservoir with sight glass
10. Vacuum separation chamber
11. Chromium Stainless Steel wear rings
12. Thermosiphon oil supply to sealing box





Optional:
Thermal heat cover over
exhaust manifold, turbo and
muffler



Optional:
Pump pressure, vacuum,
temperature and flow
monitoring kit



Standard Inclusion:
Pump Master - optimum pump
and system controller, reliable
and user friendly



Optional:
LED work lights providing
safe work area in 24 hour
operations



Optional:
Pressure relief valve for
safe removal of radiator
cap



Standard Inclusion:
Easy service points for
engine oil and coolant
within hydrocarbon
bund



Optional:
Emergency stop button



Optional:
Fire extinguisher with
heavy duty bracket and
whether protection
cover

OUR FEATURES YOUR BENEFITS



CONFIGURATION OPTIONS

TRIPLE SUCTION & SINGLE DISCHARGE MANIFOLD



SUCTION MANIFOLD

Manufactured from seamless heavy walled pipe and hot dip galvanized.
Fitted with suction vacuum gauge to allow easy monitoring of your application.

Manifold options:

- Single inlet
- Dual inlet
- Triple inlet for large flow pumps

DISCHARGE MANIFOLD

Manufactured from seamless heavy walled pipe and hot dip galvanized.
Fitted with pressure gauge to provide optimum operator benefits, providing diverse serviceability and features.

Manifold options:

- Single outlet
- Dual outlet with by-pass return outlet included

SUCTION & DISCHARGE



DUAL SUCTION
& DISCHARGE
MANIFOLD

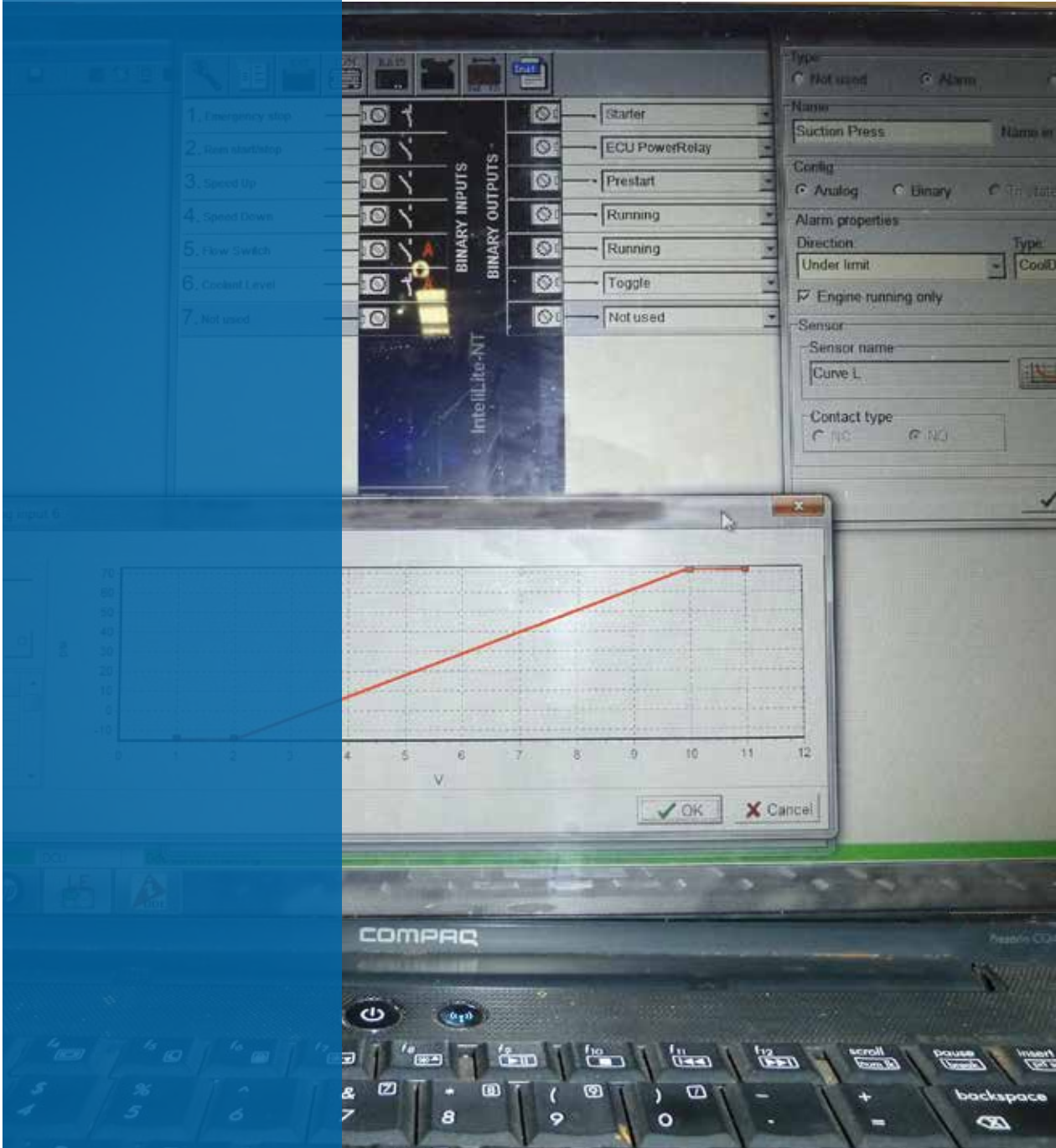


SINGLE SUCTION &
DISCHARGE
MANIFOLD

PUMP CONTROL

PROTECT YOUR INVESTMENT

Web based monitoring and control offering huge benefits that help optimize revenue. Each pump can be individually monitored and controlled via the web through suitable interface. High level of security, optional levels of reporting/monitoring enabling asset utilization, maintenance scheduling, operation and control.

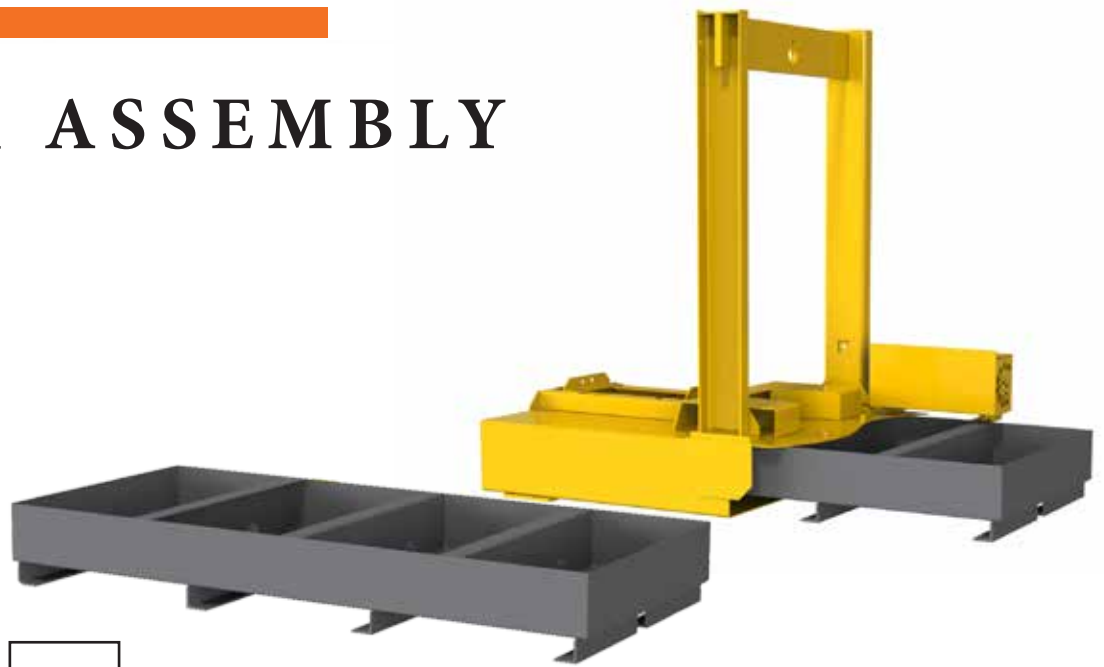


PUMP MASTER

Tru-Flo's diesel driven Vac-Prime and Auto-Prime pumps are supplied standard with the unique Pump Master controller, designed to provide easy, reliable and powerful pump control. The capacity of the Pump Master controller is almost unlimited, offering advanced programmable system monitoring and control for rental and mining companies; providing a web based solution for pump monitoring and management world wide from a P.C. Web based pump management and control can be easily established through the unique Air-Gate modem, providing world wide access to your assets via the web.



TRAILER ASSEMBLY



1



2

FEATURES

- Heavy duty double skin fuel tank standard on all models
- 110% Hydrocarbon catchment and in-built retention
- 24 hour fuel tank run time
- Modular construction - 'Swap & Go'
- Weather protection canopy with central lifting

IT'S AS
SIMPLE
AS
THAT



3

PINTLE RING



CLEVIS



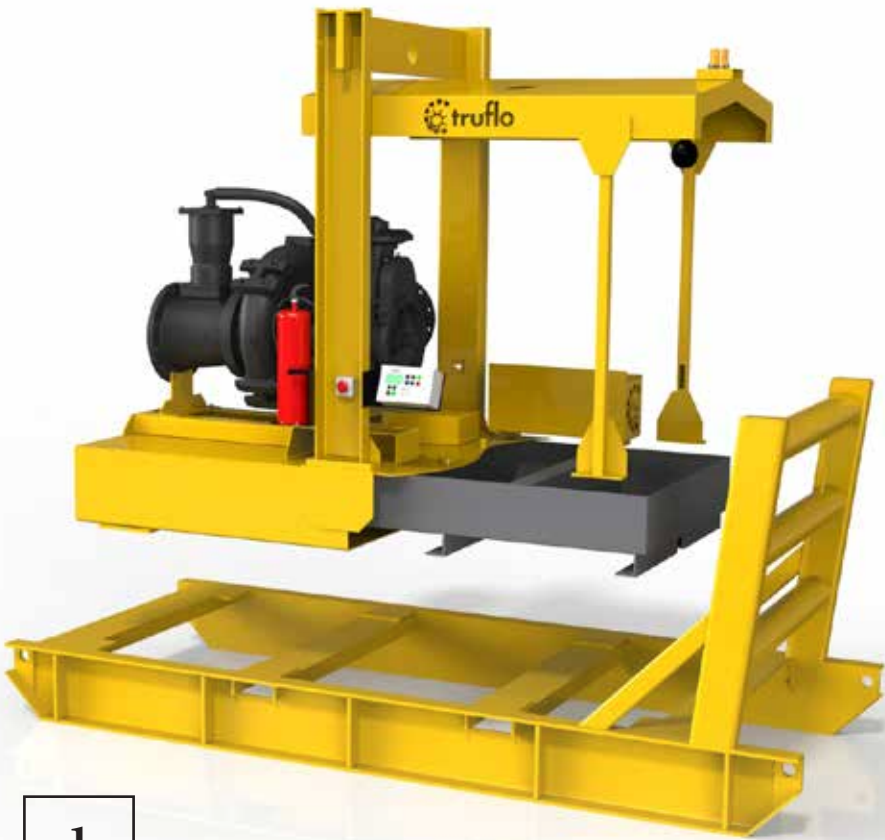
BULL DOG



4

- Heavy duty trailers to suit single, and tandem axles
- DOT approved trailer design and inclusions
- Optional tow hitch to suit your application
- Rapid adjust heavy duty stabiliser jacks
- Designed for mining and tough conditions
- Load rated tyres and suspension

SKID ASSEMBLY

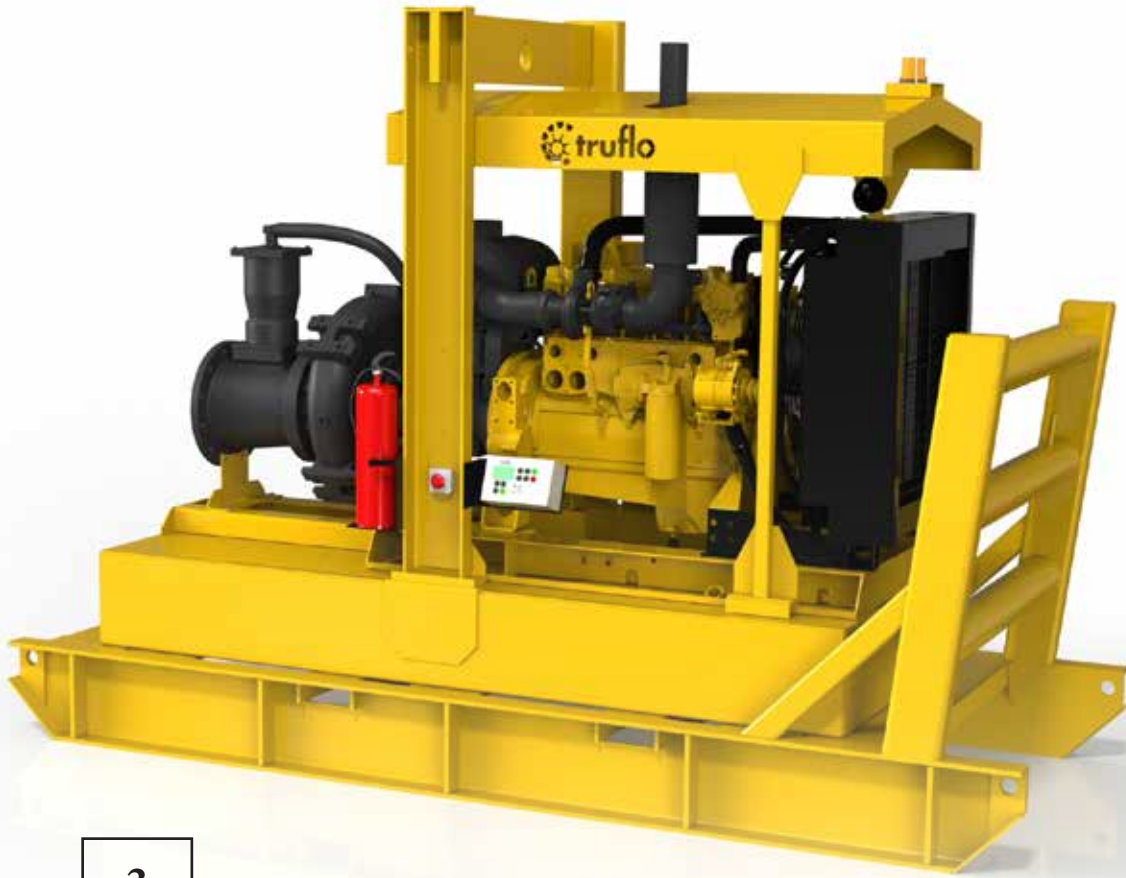


1



2

IT'S AS EASY AS
**ONE
TWO
THREE**



3

FEATURES

- Heavy duty double skin fuel tank standard on all models
- 110% Hydrocarbon catchment and in-built retention
- 24 hour fuel tank run time
- Modular construction - 'Swap & Go'
- Weather protection canopy with central lifting
- Heavy duty skid construction
- Designed to be dragged and pushed by mining equipment
- Replaceable wear strips under skid
- High ground clearing
- Chain drag eyelets fitted
- Fork lifting tyne slots for easy transport
- Purpose designed push bar



LET THE EXPERTS
SORT THE WATER

AT
UNI-FLO
WE KNOW
WATER.



SUPER SILENCE PACK



AUTO PRIME SOUND ATTENUATED CONTRACTOR PUMP

- Extremely low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Super fast, strong, dry self priming
- Close coupled via SAE to engine
- Suction lifts to 28ft (8.5m)
- Operates in 'snore' conditions
- Diesel, electric or hydraulic drive
- Chromium Stainless Steel impeller and wear parts
- Simple maintenance
- Optional skid or trailer mounted
- Pump Master control panel
- Standard double skin fuel tank
- 24 hour run time
- Custom builds available

CIVIL RANGE





hydroX
SERIES

CONTRACTOR RANGE





hydro
SERIES 

B R A N G E





hydroX
SERIES

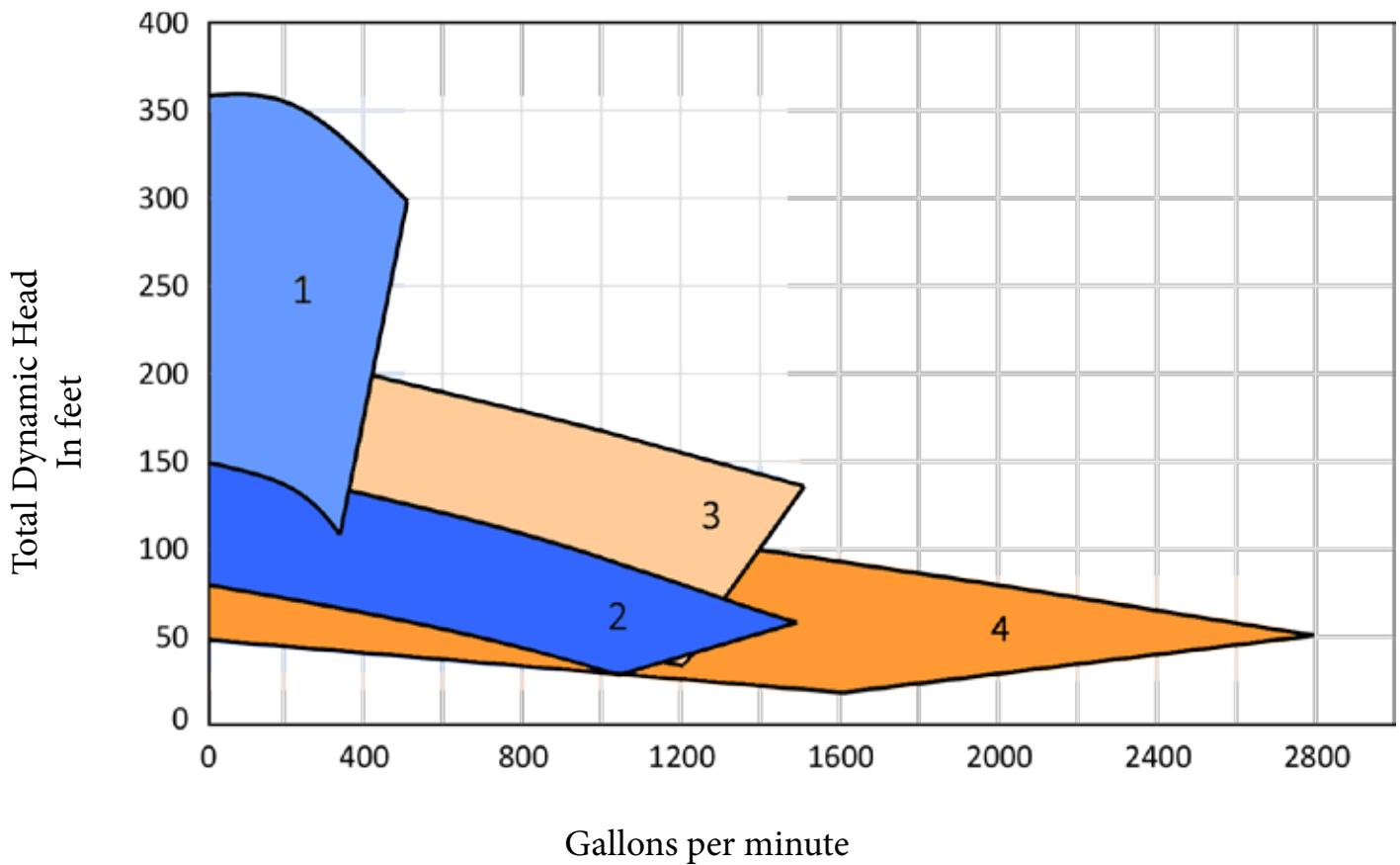
MAINTENANCE & SUPPORT PROFESSIONAL SERVICE



MEET THE TEAM



CIVIL RANGE



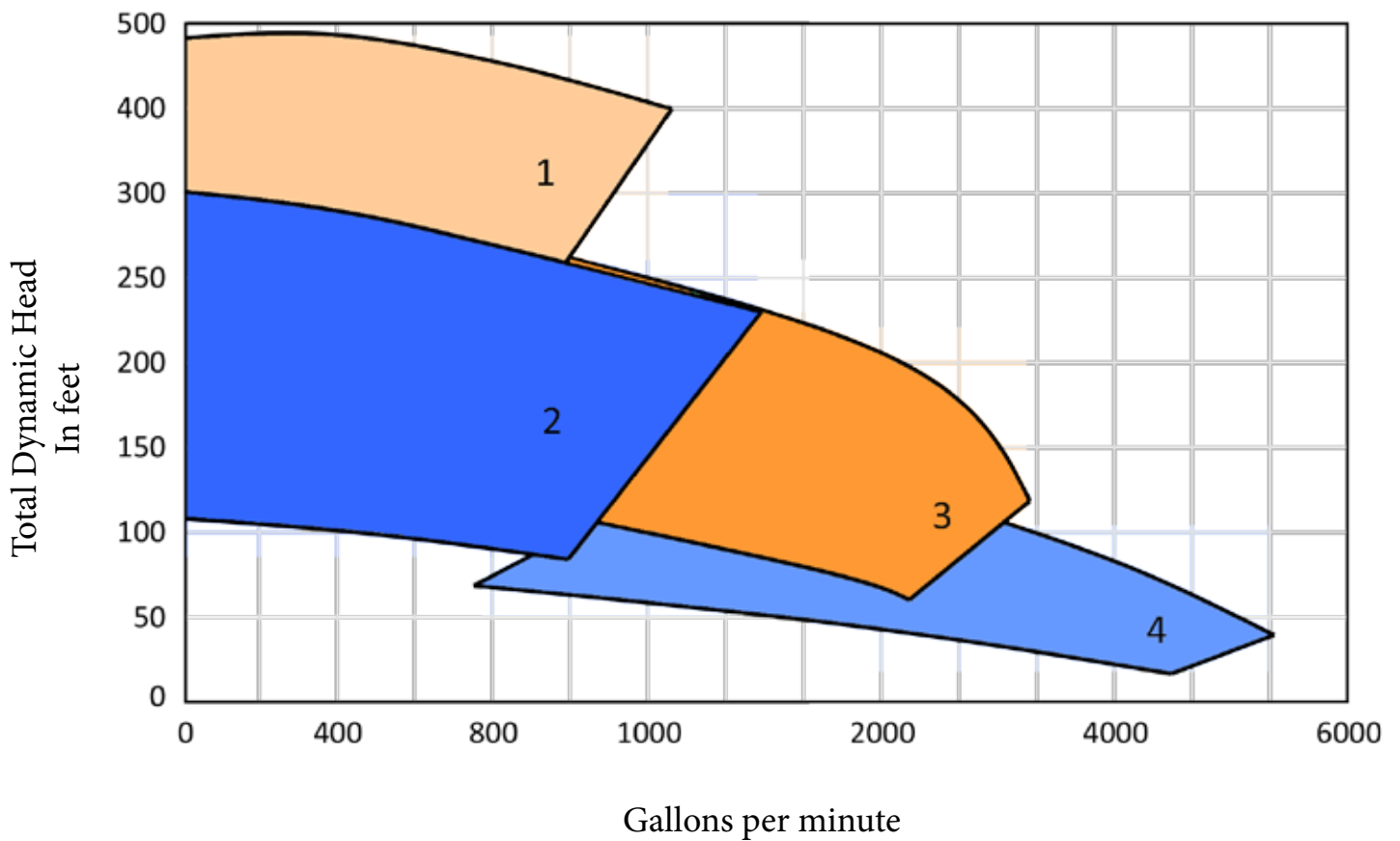
Civil Pump Range Key

1. HX 310/330 2. HX 800/100 3. HX 1100/160 4. HX 1900/80

Engineering specifications subject to change without notice.
Refer to Uni-Flo engineering department for technical details and detailed performance curves.

PERFORMANCE CURVES

CONTRACTOR RANGE



Contractor Pump Range Key

1. HX 1000/390

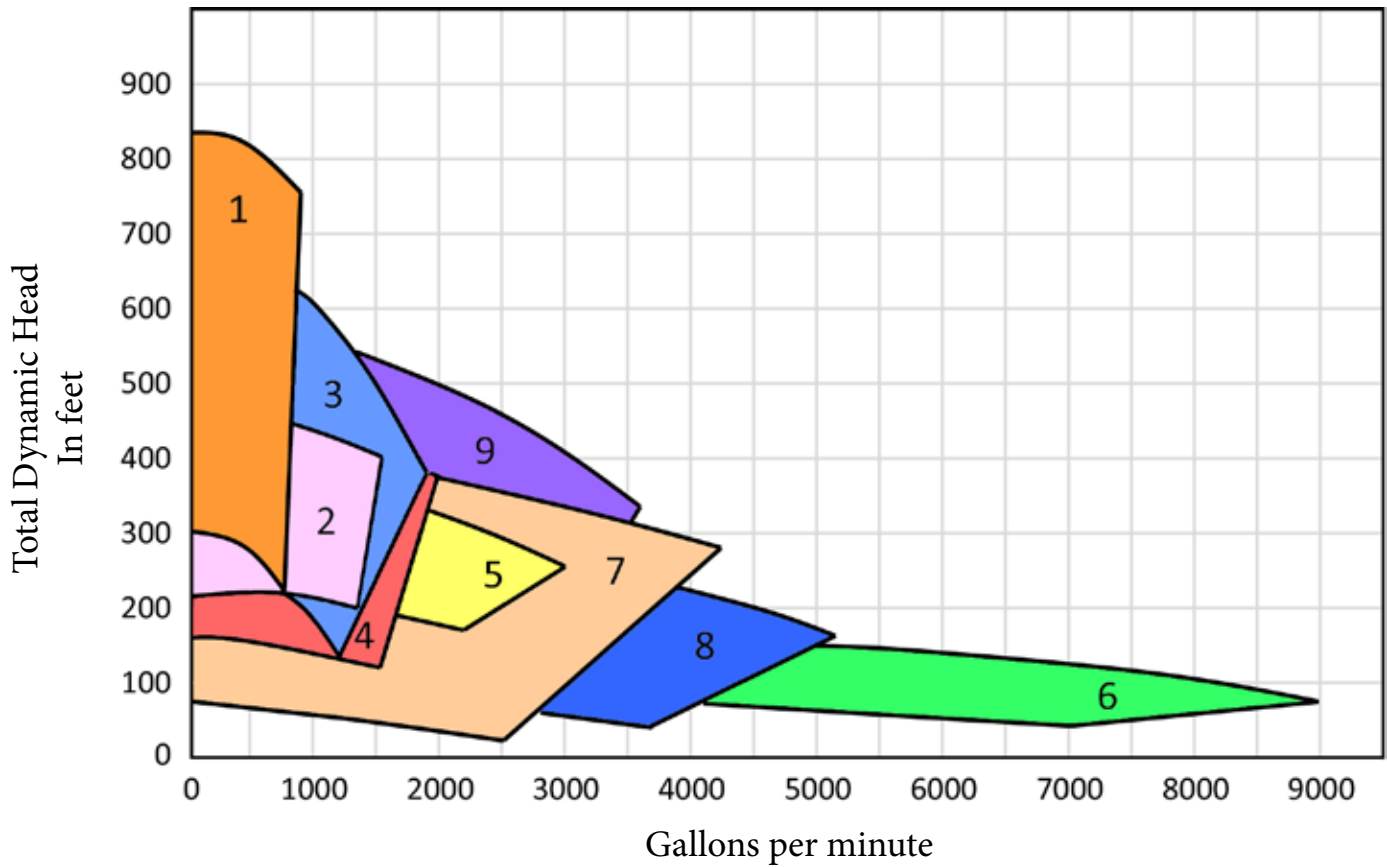
2. HX 1100/260

3. HX 2500/160

4. HX 4750/165



B RANGE



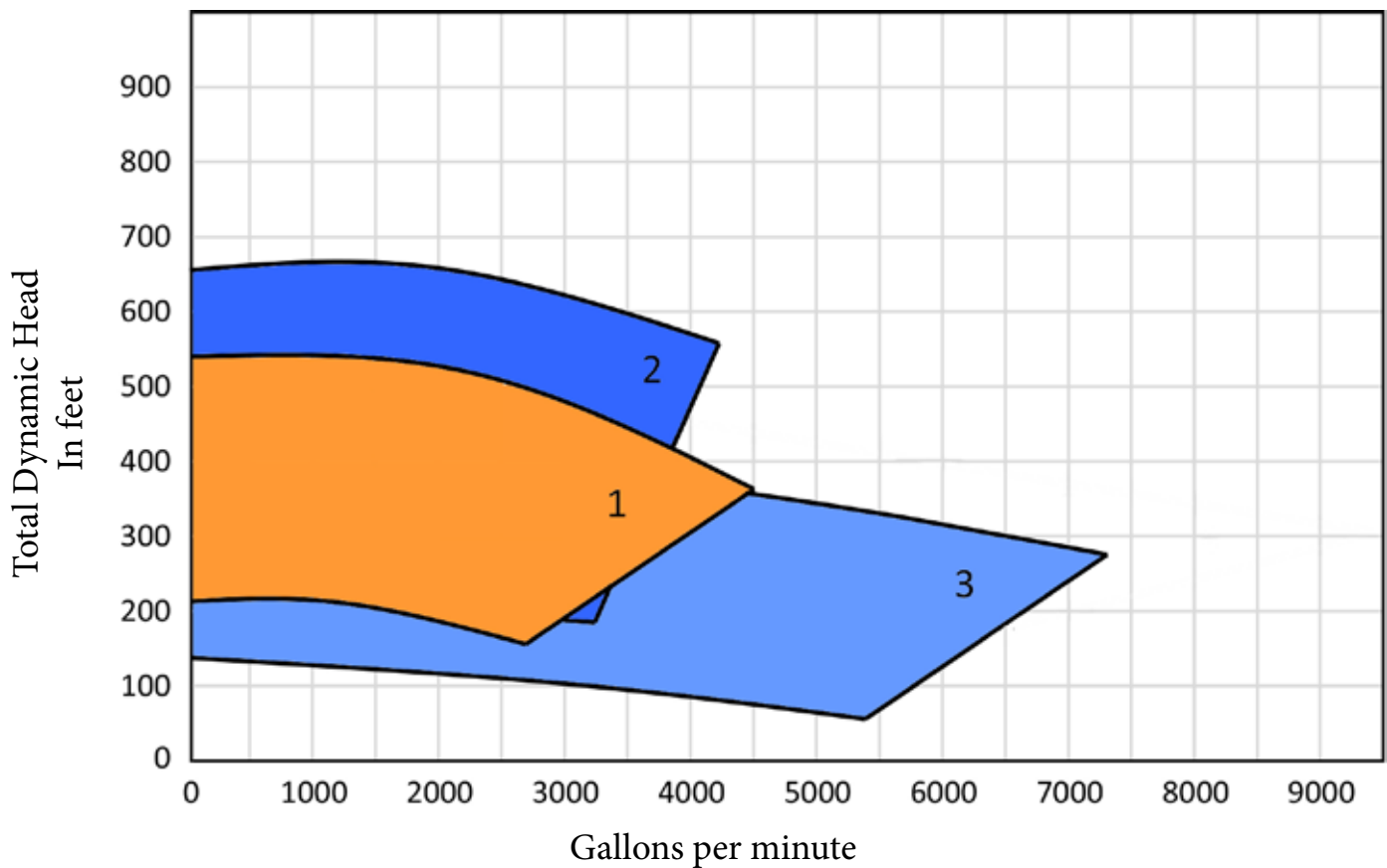
B Pump Range Key

- | | | |
|----------------|----------------|----------------|
| 1. HX 630/650 | 4. HX 1580/390 | 7. HX 3100/330 |
| 2. HX 1260/390 | 5. HX 2220/330 | 8. HX 3960/230 |
| 3. HX 1260/590 | 6. HX 2370/450 | 9. HX 6340/130 |

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PERFORMANCE CURVES

C RANGE



C Range Key

1. HX 2370/490 2. HX 3100/590/100 3. HX 5550/330







HEAVY DUTY MINE DEWATERING APPLICATIONS



REV01

Disclaimer: Information in this publication is indicative only and is subject to modification without notice.
All pump selections/technical information and design specifications must be approved by Uni-Flo engineering department.

**PUMPING WITH
PERFORMANCE**

UNI-FLO PUMP GROUP

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HYDRON PUMP SERIES