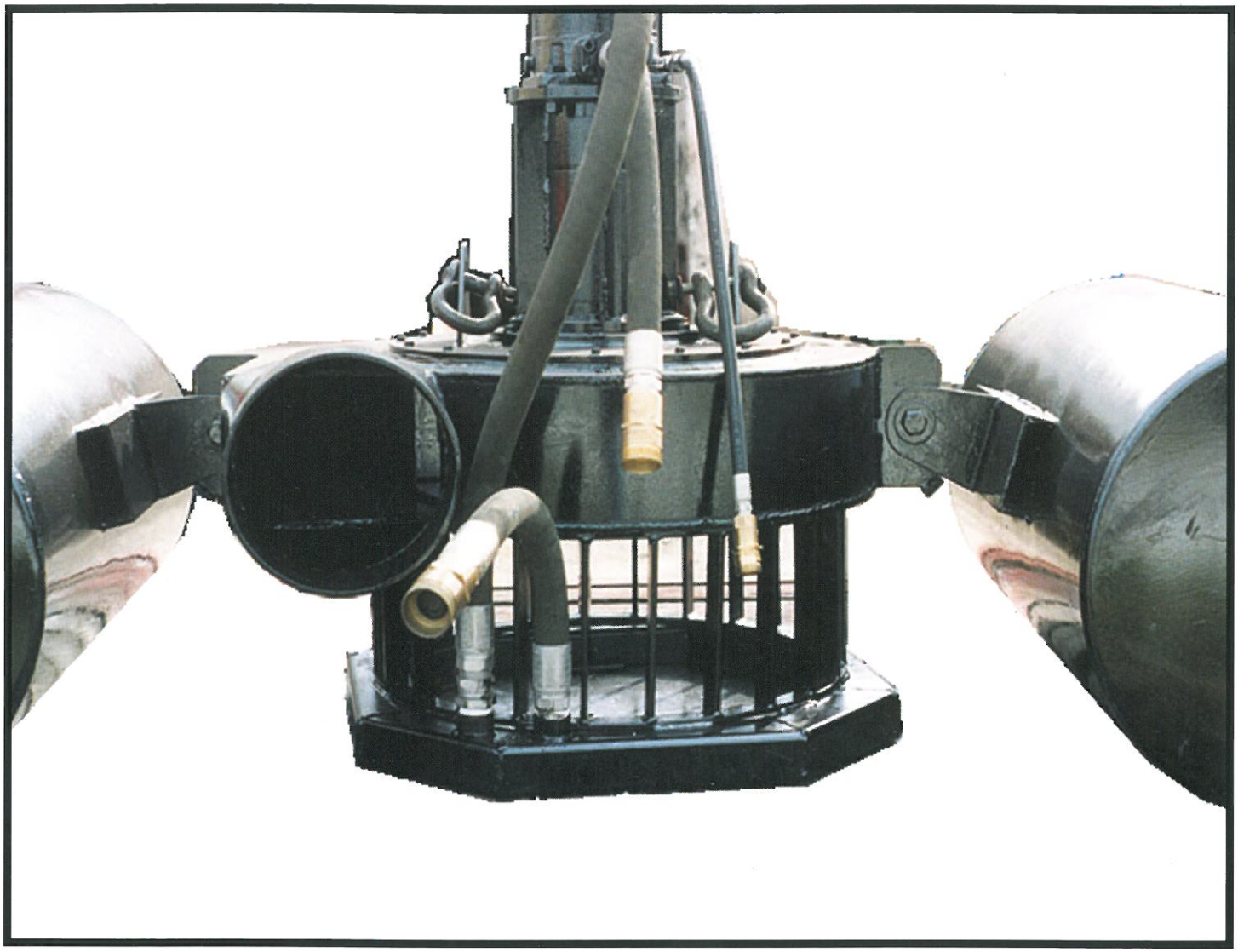
FPI

Propeller Pumps Since 1937

- *Municipal*
- *Construction*
- *Utilities*
- *Agriculture*
- *Mining*

PORTABLE TRASH HANDLING PUMPS

6 To 12 Inch Diameter Pumps, Hydraulically Driven



FOR MEDIUM VOLUME PUMPING AT MEDIUM HEADS

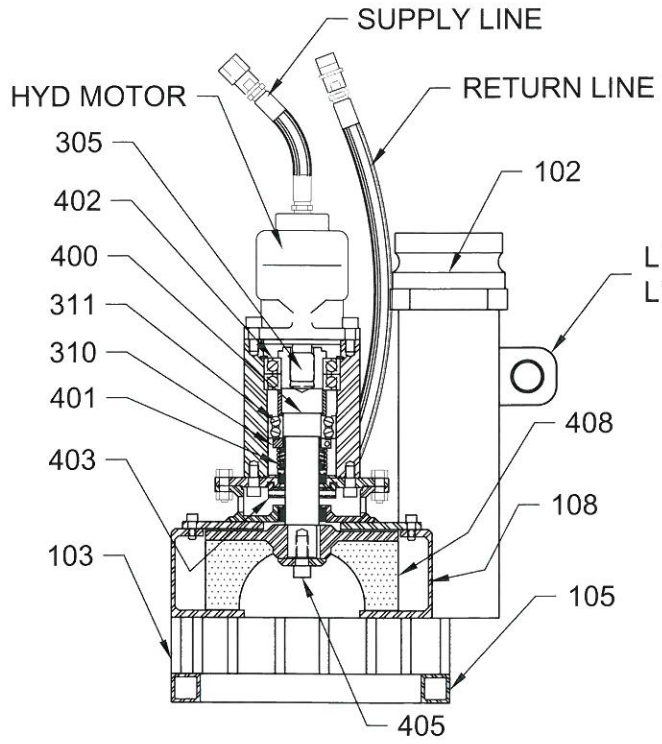
FPI has been producing pumps
of unsurpassed workmanship for more than six decades

Member of: Hydraulic Institute

ANSI-RAB QMS ACCREDITED — IMS International Management Systems — I.S.O. 9001 CERTIFIED

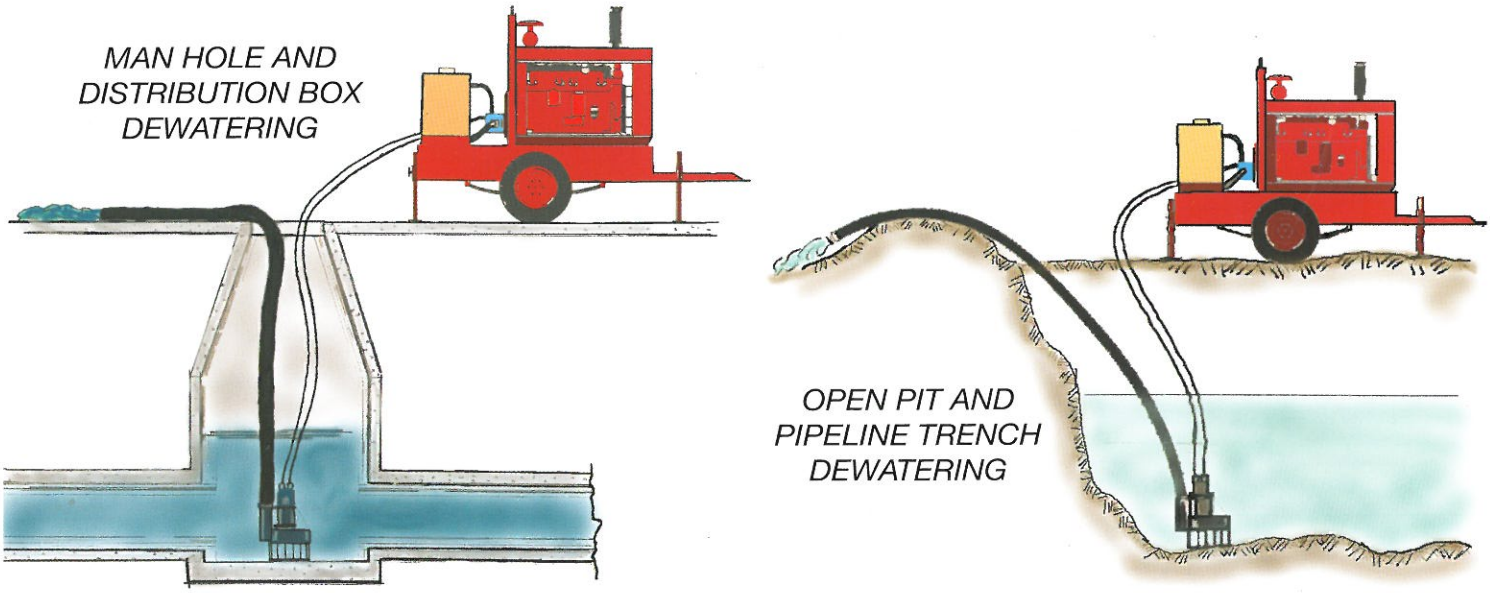
FPI PORTABLE TRASH PUMPS

FPI Portable Trash Handling Pumps are fully submersible portable pumps. The impeller is hydraulically driven through a short internal shaft directly connected to a hydraulic motor. All sealed to operate trouble free under water. FPI trash pumps are designed to pump a variety of materials ranging from trashy water to sludge and small solids. The trash pumps do not need priming and can run dry without damage to components.



102	DISCHARGE
103	BAR SCREEN (OPTIONAL)
105	HYD. COOLER (OPTIONAL)
108	SUTION BELL
305	SPLINED COUPLING
310	BEARING LOCK NUT
311	GUIDE BEARING
400	PUMP SHAFT
401	MECHANICAL SEAL
402	THRUST BEARING
403	SAND RESTRICTOR RING
405	IMPELLER LOCK NUT
408	IMPELLER

PUMP HEAD CROSS SECTION
MAJOR COMPONENT DESCRIPTION



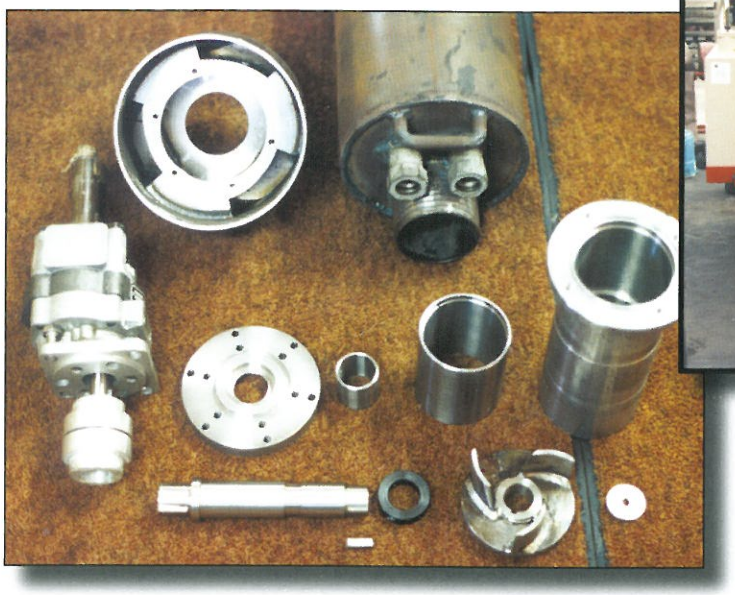
TYPICAL DEWATERING APPLICATIONS FOR PORTABLE TRASH HANDLING PUMPS

ON SITE TESTING AND DEMONSTRATION OF TRASH HANDLING PUMPING SYSTEM FOR MUNICIPALITY

CONSTRUCTION FEATURES

FPI Portable Trash are designed to handle the most demanding pumping applications. The Trash Pumps are built of Cor-Ten steel, of 316L grade Stainless Steel and use only the finest and most efficient hydraulic components matched with the most fuel efficient engines.

12" PUMP PORTABLE TRASH PUMP POWER UNIT



3" PUMP CUSTOM PUMP HEAD DESIGNED TO FIT IN 10" WELL CASING

FPI PUMPS

FPI Hydraulic and Direct Driven Pumps are custom designed and built to your specifications. These pumps are engineered to handle large volumes at maximum efficiency to assure you of the lowest operation cost. The construction is extra heavy to provide reliable service even under the toughest kind of pumping conditions.

65 YEARS OF EXPERIENCE

Serving Agriculture, Industry and Municipalities since 1937. The design of Our Portable Mobile Submersible Pumps is the result of more than half a century of specialized experience in the pump industry. To insure the quality and performance our customers expect and get, FPI pumps are engineered and built to order.

TEST FACILITIES

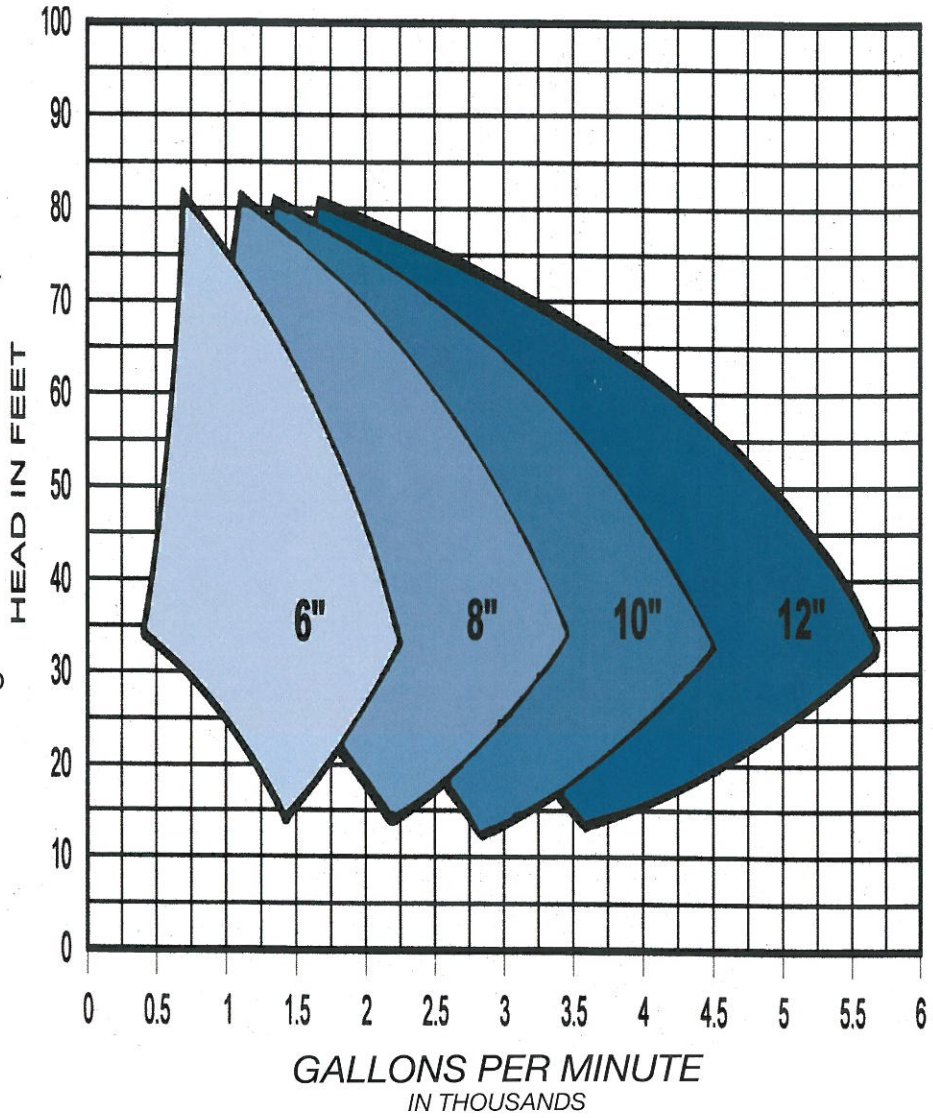
State of the art facilities capable of testing at capacities up to 60000 gpm. Larger pumps are model tested per the hydraulic institute standards.

TYPICAL APPLICATIONS

- FLOOD CONTROL
- IRRIGATION
- DRAINAGE
- AGRICULTURE
- AQUACULTURE
- CONSTRUCTION DEWATERING
- MANHOLE DEWATERING
- UTILITIES
- EFFLUENT DISPOSAL
- MUNICIPAL
- ROCKS & SAND
- BARROW PITS
- MINING APPLICATIONS

CURVES SHOW APPROXIMATELY THE CHARACTERISTICS WHEN PUMPING CLEAR COLD WATER

TRASH HANDLING PUMP RANGE CHARTS



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