

SOLUTIONS made SIMPLE

A newsletter published
by ACT to help make your
material handling
SAFER, CLEANER, &
MORE PRODUCTIVE.

The Incredible PITBULL® PUMP

The PITBULL® pump is an innovative, simple solution to many of industry's difficult pumping applications. Using only two check valves and a hollow chamber, the Pitbull will fill and then discharge almost any combination of liquid and solids that can flow through its wide open inlet.

The operation of the PITBULL® is inherently automatic unlike conventional pumps, so it will match the cycle rate to the inflow rate, and shut itself off when flow stops without needing level controls. Pitbulls use compressed air as the motive force, acting directly on the liquid without the need for diaphragms or seals. The all-pneumatic operation simplifies installation, eliminates shock hazards and is suitable for explosion-proof areas.

Markets Served

- [Automotive, General Industrial](#)
- [Chemical, Petrochemical](#)
- [Power - Coal and Ash Handling](#)
- [Food Processing, Meat Packing, Poultry](#)
- [General Industrial](#)
- [Grain Processing](#)
- [Metal Finishing, Plating](#)
- [Mining](#)
- [Pharmaceutical](#)
- [Pulp and Paper, Wood Products](#)
- [Steel, Metal Refining](#)
- [Water and Waste Water Treatment](#)
- [Other Industries](#)



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Applications

Pitbull® pneumatic displacement sump and transfer pumps will handle any combination of abrasives, corrosives and trash with no restriction between solids capacity, flow and head.

Products	Submersible	Transfer	Sludge & Filter-press feed
Solids Handling / Abrasive / Slurry / Chemical, corrosive	X	X	X
Trash, Debris	X	X	
Sludge dewatering and transfer			X
Explosion- proof/hazardous locations	X	X	
Hot Condensate return	X	X	X

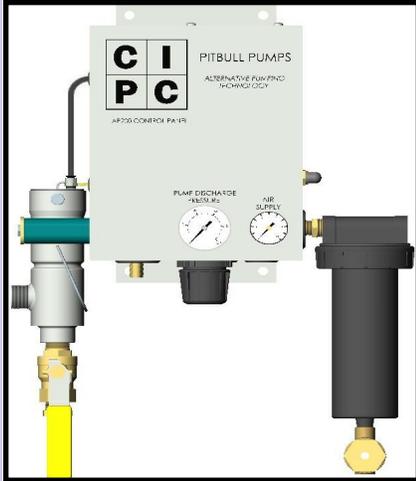
Custom pumps available too!

Challenge us to solve your pumping problems! Not only do we offer a wide range of standard pump configurations, but we can also develop a custom pump configuration to fit just about any specific application. We can even configure the PITBULL® as an oil water separator or add a SAM - Solids Agitating Mixer to stir up sediment in sludge and slurry applications.

To place your order today,
call ACT @ 1-888-480-0680

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The AP200 control panel uses a stainless steel enclosure and is located at operator level adjacent to the pump.

A filter with auto-drain is provided along with 15' air lines.

Unlubricated compressed air is required.

The PITBULL® has none of the components that typically fail in other pumps.

NO IMPELLERS

NO PACKING

NO FLOATS

NO LEVEL CONTROLS

NO DIAPHRAGMS

NO SHAFTS

NO MOTORS

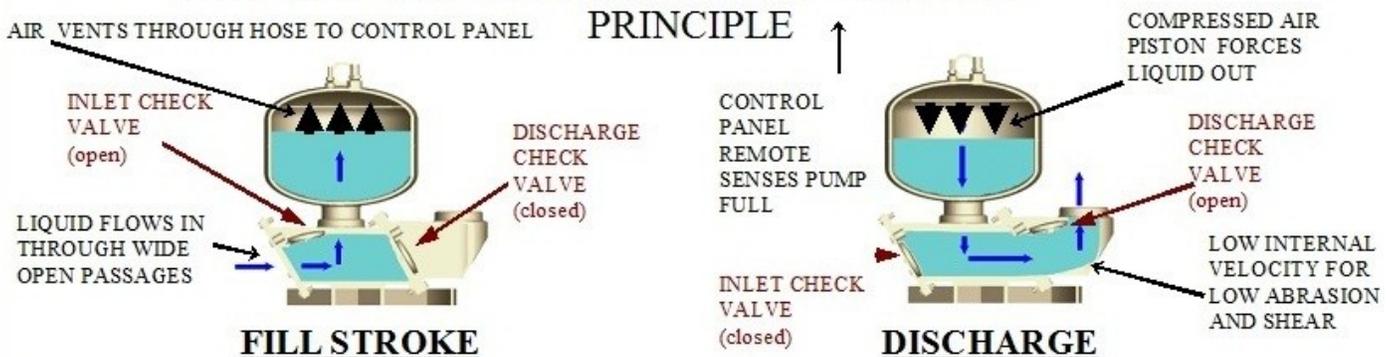
NO BEARINGS

NO
MECHANICAL
SEALS

SIMPLE TO APPLY

- Just pick a model large enough to handle your flow rate or largest solid.
- No NPSH requirement (*just enough sump depth to submerge the pump*).
- Any model can pump up to 250' tdh with full solids capacity.
- Solids % can vary from high to low; if the fluid flows by gravity, it will be pumped.
- Cycling is automatic, no level control needed.
- No electricity required when using the all pneumatic control panel.
- Temperature limit:

HOW IT WORKS THE PITBULL® PUMPING



For an application specific quotation please call The ACT Group and request an Application Data Sheet (909) 350-4703.