



General info

Sludge pumps operate when a chamber is sufficiently full to trigger a valve which expels the contents of the chamber through an outlet port. The chamber is filled by means of a venturi arrangement i.e. air is blown through the top of the pump head which creates a vacuum within the chamber and draws material in through the inlet valve. This pump may be operated without immersion and can thus be used for suction applications.

It will easily handle water containing solids of up to 15% of the total mass. It can easily handle solid particles up to 25 mm in size without causing any blockage.

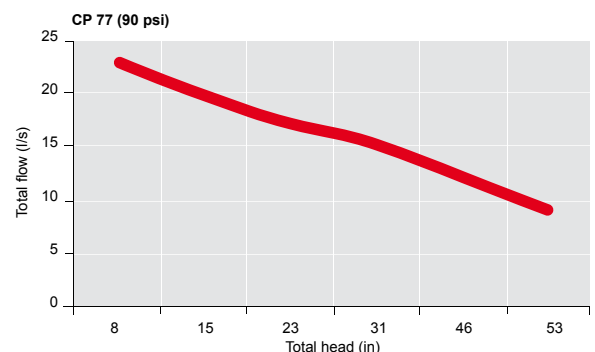
Applications

Removing water from trenches, ditches, manholes, used as industrial sumps an excavations, wet drilling applications containing rock fragments, pumping sea water and certain corrosive chemicals.

Shaft sinkers, Soft tunnel contractors, Mines, Hydro-electric contractors, Site investigation, Utilities, Local authorities, Industries using sumps, Oil companies, Shipping lines, Water boards, Chemicals , Shipyards.

Key features

- Safe to use in most environments
- Operates on venture principle, no motor.
- High work rate
- Extremely durable
- No damage running without load
- High capacity
- Long life / low maintenance
- Exhaust muffler reduces noise level
- Integral oiler provides continuous lubrication
- Cast iron housing



Item	Model	Max lift m (ft)	Weight kg (lb)	Air cons l/s (cfm)	Air inlet	Discharge
T024005	CP 0077 Sludge Pump	6,1 (20)	69 (150)	40 (85)	3/4" NPT	2,5"