

PV 500

The PV 500 was designed to handle material transfer applications for industrial, agriculture and mining applications. The pump is capable of recovering 55-60 m³/hour of various materials under vacuum, while delivering the same through its four inch discharge port to the extended distance of pipe or hose, over two (2) kilometres away. Even greater discharge distance is achievable with a simple option.

The PV 500 Material Transfer System entrains mud, sludge and mining slurry along with heavy aqueous waste, directly from the source to an array of destinations including skips, bulk tanks, trucks, or a variety of immediate locations including direct back into the production line. conveyor, or onto a circuit.

TECHNICAL DATA

- Height 158cm (62")
- Width 100cm (39")
- Length 186cm (73")
- Weight 1051kg (2205lb)
- Air consumption Minimum 500 SCFM at 100-120 PSI
- Suction inlet 100mm (4")
- Discharge outlet 100mm (4")
- Handles solids to 76.2mm (3")

FEATURES

- 100% air powered operation
- Safest in the industry
- No internal workings
- Can be a fixed or mobile system
- Generates 25"hg vacuum
- One man operation

APPLICATIONS

The PV 500 is capable of pumping conventional and unconventional materials, including the removal of waste from bovidae (cow) farms – and the transfer of chicken parts, waste and manure from poultry housing/processing facilities. In addition to the standard transfer materials found in mining or industrial applications such as:

- Slurry removal and transfer
- Mud and tailings transfer
- Pit and sump cleaning
- Hazardous waste recovery
- Oil sludge, (including heavy oil) tank bottoms residual removal and transfer
- Barge holdings and Vessel bottom clean out
- Bulk tank and silo transfer, of material including cement, lime dust / frac sand complete transfer.
- Sand, both coarse – fine/conventional and frac sand,
- Diatomaceous earth
- Hazardous waste removal with closed circuit transfer.
- Virtually any material.