

SS/PP/ALU/ VERTICAL CENTRIFUGAL MOTORISED BARREL PUMP

MODEL MBSS-1

- Outer Pipe Dia meter : Ø40 mm
- Outlet Size : 20 mm (3/4")
- Power : 0.88 kw
- Speed : 10000 RPM,
- Voltage : 220v , 50 Hz
- MOC : Aluminium / PP / SS-316 / PTFE
- Shaft : MS / Alloy-20 / SS

HEAD IN MTRS	0	5	10	15	20	23
CAPACITY IN LPM	43	31	26	16	3	SHUT OFF
AMPERE	2.8	2.8	2.5	2.5	2.2	2.0

Flame proof version Available on request.



GEAR/SCREW TYPE BARREL PUMP

APPLICATIONS

To Transfer Highly Viscous Materials such as Petroleum Jelly, Adhesives, Creams, Pastes from Barrels & Liquid Glucose.

MOC	SS
MAX FLOW	UP TO 100 LTR/MIN
HEAD - M	60
LENGTH/DIA-MM	1000/42-52
ROTOR	SS
STATOR	VITON/HIGH NITRILE/EPDM/NEOPRENE
POWER	440V, 1/1.5/3HP (1 PH ON REQUEST)
DUTY CYCLE	CONTINUOUS



CI/SS DIAPHRAGM TYPE BARREL PUMP

- Made from Cast Iron / ss as per customer's requirement.
- Work in any position Vertical / Horizontal Upside down
- Very Easy Installation
- Made from 4 parts only
- Liquid of any viscosity can be used
- Diaphragm is of PTFE Material
- Capacity : Per Rotation 150 ml



PUMP MODEL	HDB CI-1	HDB SS-1
CAPACITY	16 LPM	16 LPM
INLET X OUTLET SIZES	1" X 1"	1" X 1"
MATERIAL OF CONSTRUCTION	CAST IRON CONSTRUCTION	SS CONSTRUCTION



STAINLESS-STEEL PNEUMATIC OPERATED FORCE TYPE BARREL PUMP

- Stainless Steel Pneumatic Transfer Pump for Food syrups, Ketchup, Flammable Media,
- Chemicals, Paint, Liquid Media with Fillers, Fuel
- Flow rate - 70 liter per minute
- MOC - SS 316
- Inlet diameter - 40
- Outlet diameter - 25 mm
- Air Hose diameter - 8 mm
- Safety Valve Pressure - 0.03 Mpa
- Air Pressure - 0.1 Mpa
- Length of the Pump - 1.12 meter
- Length of the tube - 1 meter
- Head - 15 meter
- Weight - 6 kg
- Filter Gauge supplied as free accessories



Capable of pumping and discharging water, oil and bottom sludge. And also any explosive material can be sucked when the pump is properly grounded.

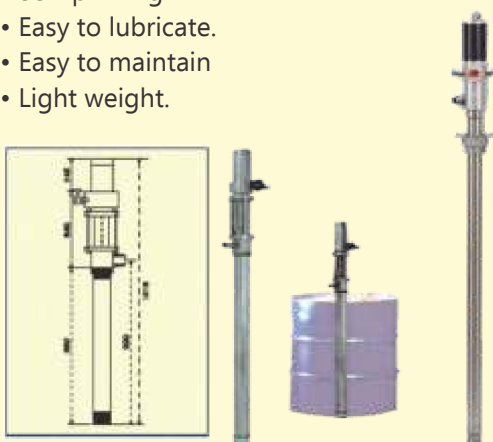
Air Pressure (Kg/cm²)	2.9	2.1	2.5
Head in Meter	0	10	15
Flow (LPM)	153	64	34

PNEUMATIC OPERATED BARREL PUMP (DRUM PUMP) (RECIPROCATING)

“MALHAR” Barrel pumps works in reciprocating action. Barrel pump is useful for safe and efficient handling of highly corrosive chemicals, solvents, acids, petroleum products diesel oil, and fuel oils, plating solution, toxic chemicals etc. It eliminates danger of spillage explosion hazards. Construction of MALHAR Pump is such that operating compressed air never gets in contact with pumped liquid. The pump can be directly inserted in to the barrel threading provide on the pump adapter. It sucks the liquid from the bottom and hence less chances of leftover material. It does not have any type of motor and hence virtually zero maintenance.

APPLICATIONS

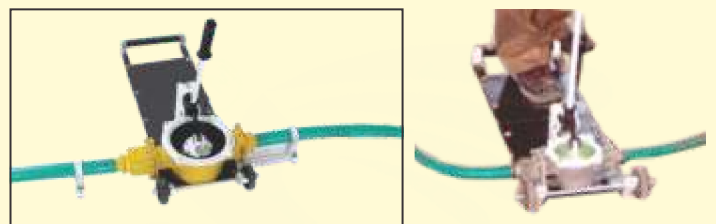
- MALHAR pump operates on compressed air of 4 to 6 kg/ cm²
- Adjustable flow rate.
- Self-priming
- Easy to lubricate.
- Easy to maintain
- Light weight.



TECHNICAL DATA	
CAPACITY	40 LPM
HEAD	15 MTRS
OPERATING PRESSURE	3 to 6 Kg/Cm ²
MATERIAL OF CONSTRUCTION	S.S.304/316
DISCHARGE	1 INCH
TEMPERATURE	120°C

DIAPHRAGM HAND PUMP

One of the most popular applications of diaphragm hand pump is as barrel pump, for emptying drums, barrels and carboys. It can handle all types of liquids, such as clear liquids, liquids containing solids, latexes (shear sensitive liquids/ thyrrotrophic liquids), slurries, corrosive liquids. It is ideal for handling of inflammable liquids, such as solvents, as its operation is without friction, and hence is suitable for flame-proof plant conditions. It is self-priming and requires no special mounting. Just dip suction tube in the barrel and apply handle. It can suck out the last drops of liquid from drum. 1" or 1.5" pump is recommended for this duty. It is a low cost substitute for motorized barrel pumps such as Lutz, Graco, etc. It can empty a 55 gallon (200 ltr) drum in 8 minutes (1" pump) or 4 minutes (1.5" pump). Depending on the application, these pumps are available in different materials of construction (MOC).



Typical Applications of Different Size :

1"	Drum unloading, High head transfer, Re-packing, small capacity applications, diesel & petroleum product handling. For Diesel, oils, LDO, Fo, Kerosene our model in size 1" in cast iron with Nitrile Rubber parts is suitable. For Solvents our model in size 1" in CI/SS with EPDM/VITON Rubber parts is suitable. For Acid & Alkalis our model in size 1" PP with Neoprene Rubber parts is suitable
1.5"	Tanker unloading, Low Head transfer, High Capacity Transfer
2"	Very High capacity transfer at free discharge (no head), Effluent handling, Mud water, Construction sites, Manhole cleaning, Agriculture etc.

INDIA MARK II HAND PUMP & OTHERS

India Mark II Hand pump is the largest selling hand pump in the world and is used in many countries of the world as the backbone of their community water supply. It is suitable for a depth of up to 50 Meters.

The following components are available:

1. Connecting Rods
2. Riser Pipes
3. Cylinder Assembly with all components

The Entire above ground components are strong and sturdy. India Mark II Pump works on the positive displacement principle, hence the discharge remains constant irrespective of the depth of bore. India Mark II Hand pumps are available in different weight variants. It is available with either color or zinc coating.

other type of Hand pump available



TYPE HAND OPERATED BARREL PUMP



**Cast iron
Hand operated
Barrel pump**



**PP (Plastic) Hand
Operated Barrel Pump**



**SS-316/SS-304
Hand Operated
Barrel pump**



**Aluminium
Hand Operated
Barrel pump**



**PTFE
Hand Operated
Barrel Pump**



**Piston type
PP Barrel pump**



**Piston type
SS Barrel pump**



**Siphon type hand
Operated pump**



**Lever Action
PP barrel pump**



**Lever Action
Aluminium & Plastic
Hand Operated pump**



**Motorised Barrel
Pump Ac/dc Plastic
For Fuel Only**



**Diaphragm type
Hand operated Barrel pump
in CI/SS (100 % free**



**Diaphragm type
Hand operated pump in
PP material**



Piston type mini pump