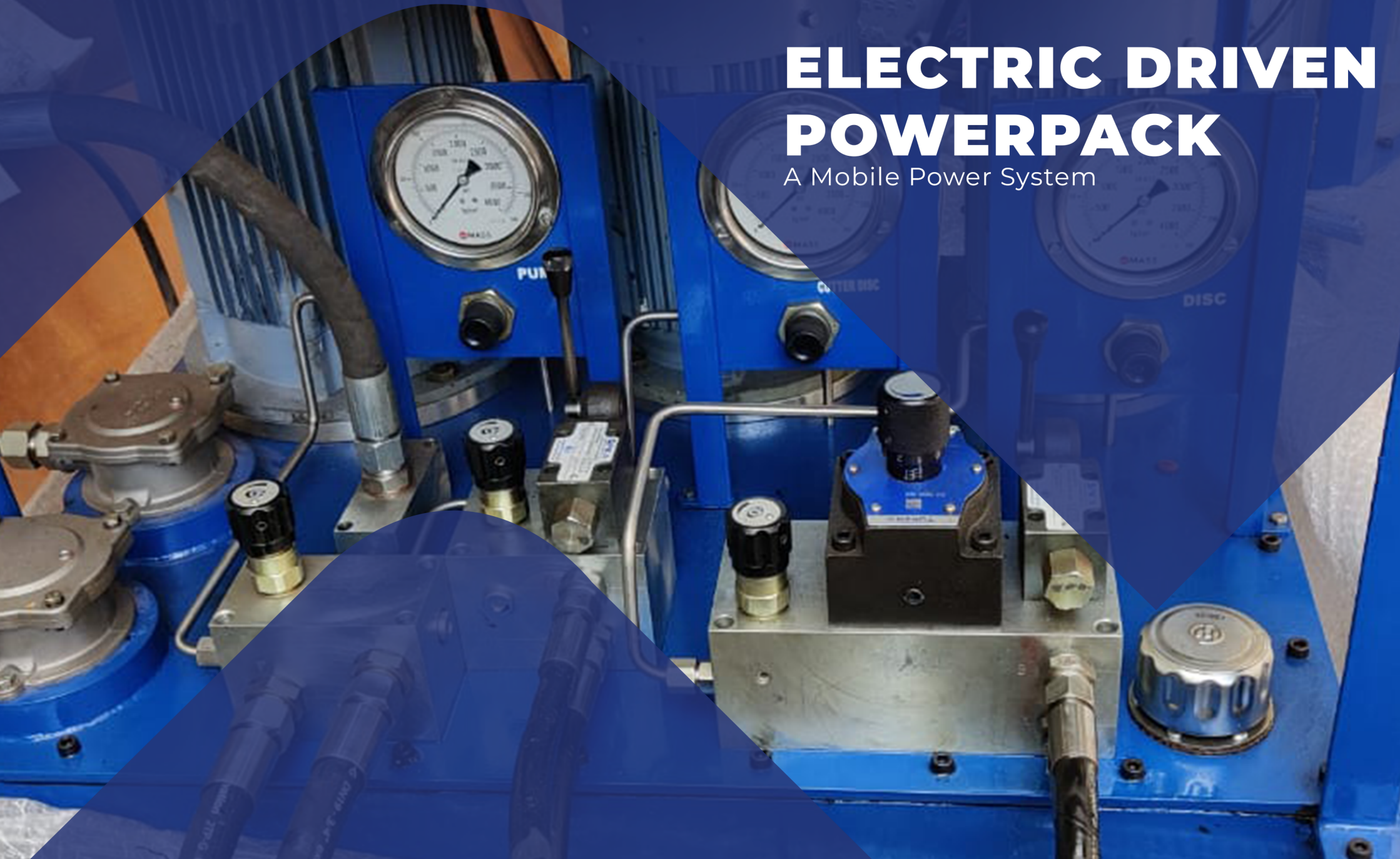


ELECTRIC DRIVEN POWERPACK

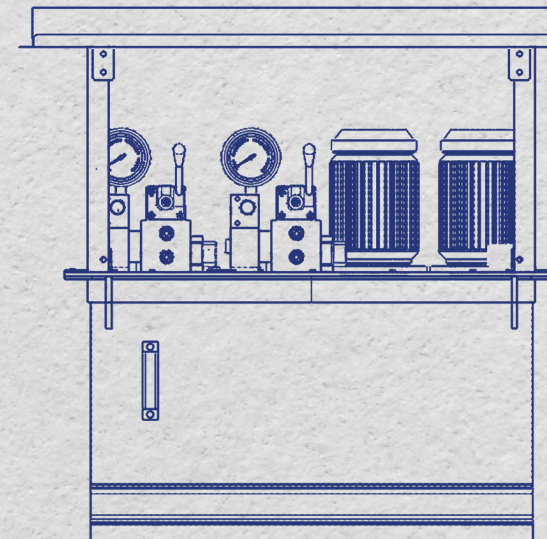
A Mobile Power System

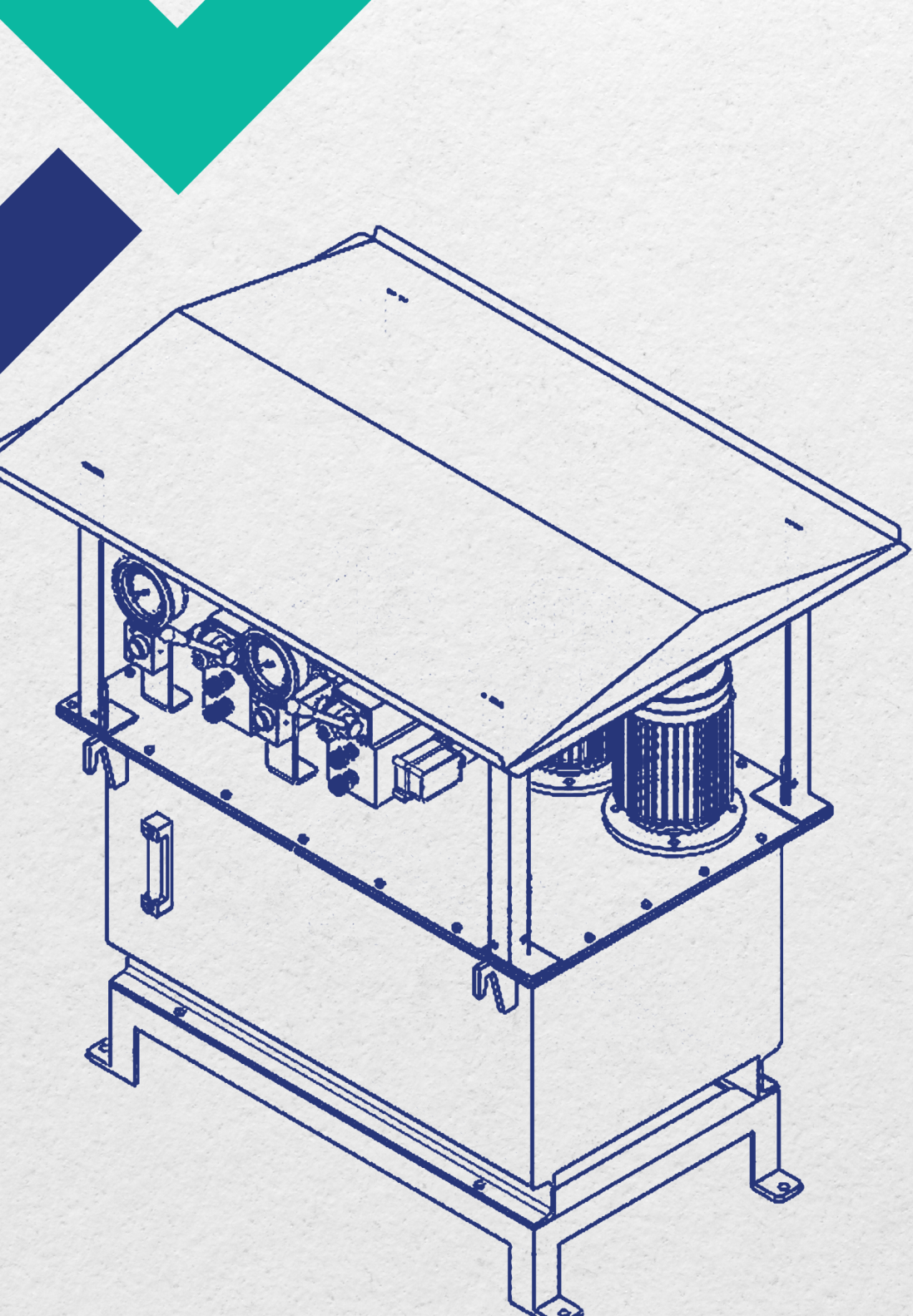


ELECTRIC DRIVEN POWERPACK

Electric motor driven hydraulic power pack is a unit that delivers pressurized oil for driving hydraulic equipment. Hydraulic power pack is mostly used to drive the skimmer, boom reel, hydraulic driven pumps and other hydraulic equipment. All valves can be manually or solenoid operated. Power pack can be mounted on trolley wheels for ease of movement at site & or provided with canopy for outdoor application. Power pack can be designed with N number of circuits as per systems requirements. Power pack can be provided with spark arrestor, automatic low hydraulic oil shutdown system, flame proof electric motor. Power pack can be customized as per client requirement. Power pack can also be designed with PVG valves as per customer requirement.

Power pack consists of a hydraulic pump, valves suitable for the application, a manifold and an oil storage tank. All hydraulic components are mounted on the MS body / Aluminium body oil tank of hydraulic power-pack. The Power pack is powered by an Electric Motor and serves as a multipurpose power pack designed for the flexible operation.





ABOUT PROBLEM



Heating of Hydraulic Oil

Improperly sized pipes cause oil overheating, leading to hydraulic component malfunctions. Correct pipe sizing is crucial for optimal hydraulic system performance.



Impure oil

Accumulated dirty oil harms seals and valves, precipitating complete hydraulic system failure. Regular maintenance prevents damage and ensures system longevity.



Handling and Mobility Issues

During an operation at site, it becomes difficult to handle by one person and mobility issues are faced by the operation team.



Humidity

Water in hydraulic fluids and lubricants is undesirable as it can impair performance and induce damage. Elevated moisture levels can compromise operations, emphasizing the need for moisture-free fluids for optimal function.

OUR SOLUTION

Level Switch

Our power packs are equipped with level switch which turns off the pump as soon as the oil level declines the set level.

Canopy

Canopy for outdoor operating condition. For protection from water and foreign matters.

Hydraulic Oil Tank

The capacity can be customized as per the requirement. The MOC of the Tank is Stainless steel , Aluminium & Mild steel.

Motor

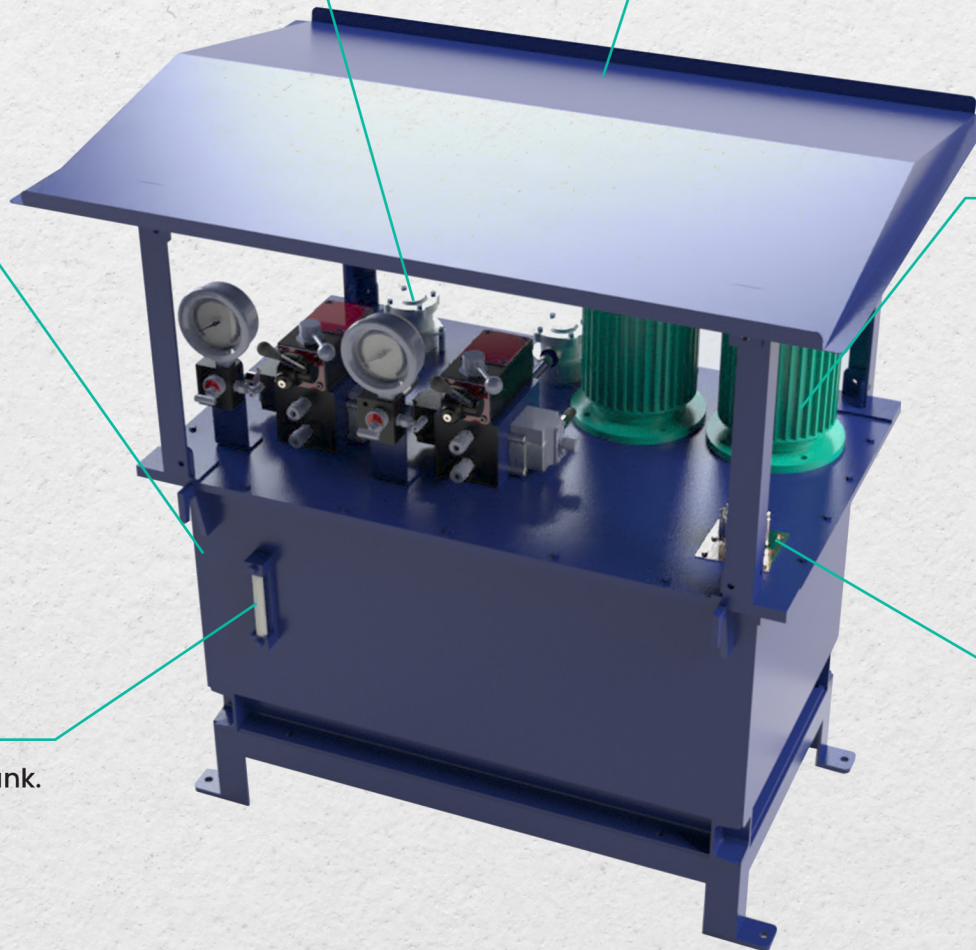
Electric motor supplied has better efficiency and generates less vibration. Make and specifications can be customized as per requirement. For Multiple Circuit control , the number of motors can be increased accordingly.

Level Guage

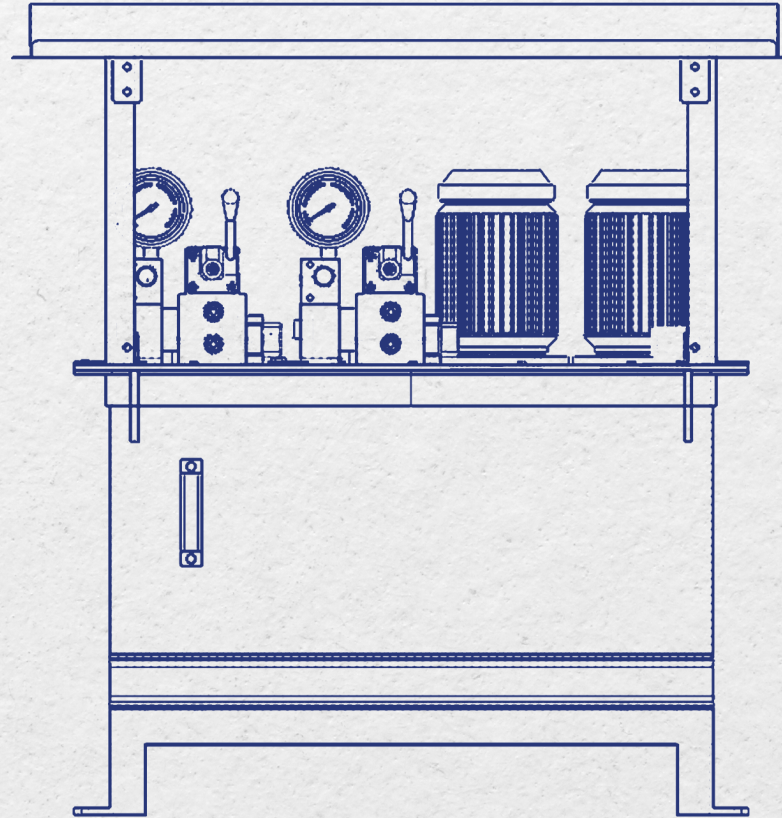
It indicates the Oil level in the tank.

Breather

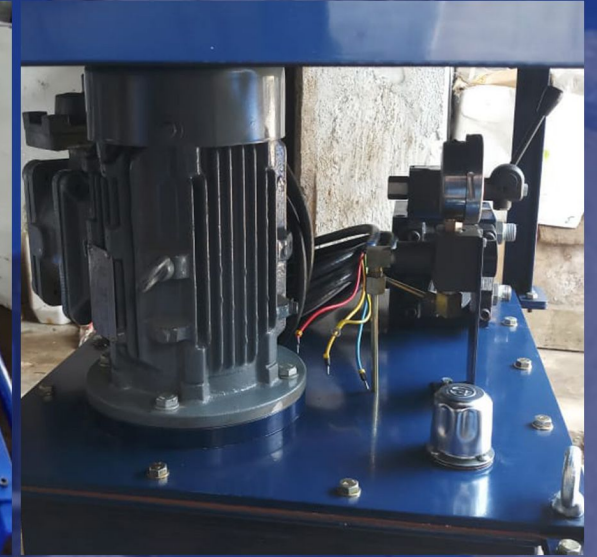
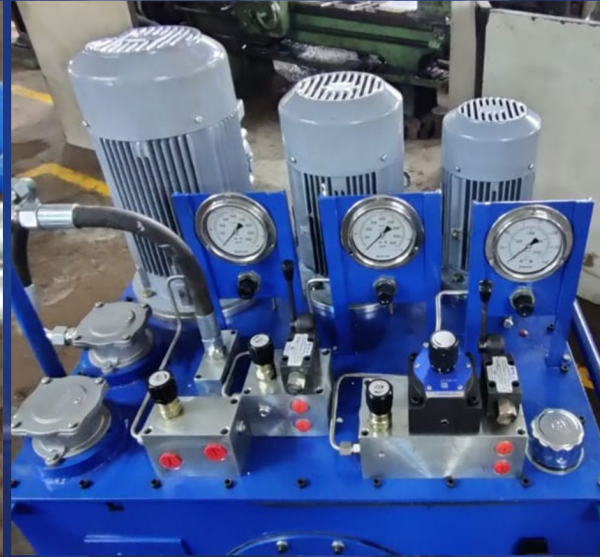
Silica Gel Breather is used to counter the humidity related problems.



MODEL SELECTION MATRIX



MOTOR POWER	0.372 KW / 0.5 hp to 15.286 KW / 20.5 hp or above as per requiremnet
HYDRAULIC FLOW RANGE	20 LPM to 500 LPM
NO. OF CIRCUITS	1 TO N
OIL COOLER	Optional
STARTING OPTIONS	Starter / Control Panel
FRAME	Skid / Tank
STANDARD HYDRAULIC CONNECTION	Quick release coupling of suitable size



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