

# Mechocean

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(An ISO 9001:2015 Certified Company)

## Hydraulic Power Packs

## Mechocean Hydraulic Systems



**A Global Leader in Hydraulics,  
Automation & Machine Tool  
Technology.**

**Mechocean Machines India Pvt. Ltd.**



Plot No. 1073 Vikas Nagar, Meerut Road, Ghaziabad-201003

## Hydraulic Power Packs/ Units:

**Hydraulic power pack is an arrangement of interconnected components, which controls hydraulic energy.**

**The entire system is field proven and guaranteed.**

**:\*MMIPL**

### **Application of hydraulic power units:**

Hydraulic Power Units are used whereby energy is transmitted, controlled and distributed using pressurized liquid fluid as medium. Modern day applications of hydraulic power units are extremely diverse and are divided into mobile applications (agriculture machinery, diggers, graders, road maintenance vehicle, fork lift trucks, excavators etc.), industrial applications (machine tools, food processing machinery, automatic handling and assembly equipment, steel works and mining etc.), and other (automotive, aerospace and marine industry, civil engineering, theatre and leisure, medicine etc.). Hydraulic Power Units can be designed as open, closed and combined.

## Standard Hydraulic Power Units:

### Description

The MVS Standard construction power packs are designed to utilize a standard range of modular components. This offers a power pack that can be easily specified and maintained.

### Features:

- Vertical /Horizontal Type
- Modular Build
- Energy Efficient
- Low Noise
- High Performance
- Low Maintenance, Reliable
- Compactness

### Quality:

- 100% Functional Testing
- Tanks with Painted/ Powder Coated Finish
- Standard Hydraulic Items: Rexroth, Vickers, Parker, Yuken/Polyhydrone/Atos/Hydac/Hydroline Make
- Motors: BB/ABB/CG/Havells Make
- Pressure Gauge: Glycerin Filled(Micro/Mass/ Wika make

### Design:

- Steel Tank 20L to 1000L
- Gear Pump/ Vane Pump/Variable Pumps/Piston Pumps
- Submerged / Top Mounted Pumps
- 0.5 HP to 100 HP
- Standard Designed Manifolds Blocks
- Suction Filter 90 Micron, Return Line Filter 25 Micron
- Maximum Pressure designed safety.



**Ordering Code:**

# MMIPL/HPP-1T-G5-V-03-20L-1M-O

Motor 1HP to 100HP  
Single Phase (220VAC) : S  
(\*up to 3kW)  
Three Phase:415VAC):T

**Pump Type**

G- Gear Pump P- Plunger Pump  
V- Fixed Vane Pump, VV- Variable  
Vane, PP: Piston Pump, C- Others

**Motor-Pump Orientation**

V- Vertical  
H- Horizontal

**Manifold /Cetop Plate Size:**

01:NG6  
03:NG10  
04:NG16  
06:NG20

**Tank Size:**

20Litre  
40L 200L 600L  
60L 250L 700L  
80L 300L 800L  
100L 400L 1000L  
120L 450L  
150L 500L

**Accessories**

A- Air Cooler  
W- Water Cooled  
Heat Exchanger  
O- Oil Flow  
Switch  
PS- Pressure  
Switch  
MC-Magnetic  
Tank Cleaner  
TS-Thermostat

Single Station:1  
Double Station:2  
Multi-station: 3-10

M-Modular Flow Control/  
Check/ Pressure  
Reducing/Pressure Relief  
/Counter Balance/others  
Valves

## Customized Hydraulic Power Units & Systems:

### Custom – Tailored Solution for Hydraulic System

Mechocean Machines Hydraulics' engineering knowledge is core competence of projecting processes. In this process our engineers design hydraulic power unit according to customer demand, all necessary documentation is prepared and risks and production capabilities are assessed and the whole project is prepared for execution.

#### Hydraulic System Range Includes:

- Mini Power Packs
- Hydraulic Testing System/Hydraulic Test Rigs
- Standard and Customized Powerpacks for variety of applications

Contact us:

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