



OUR PUMPING SOLUTION



MOBILE DEWATERING PUMP (MDP)

2024



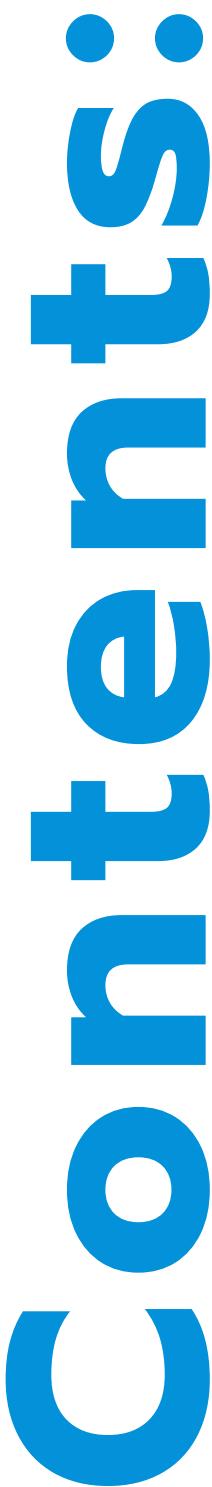
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About Us

Established in 2000 (24 years), Samudera Biru Nusantara (**SBN**) specializes in pump and underwater solution. With a decade of experience, we have worked with major coal enterprises, state-owned enterprises (SOEs), and other well-established entities, gaining trust through our valuable expertise.

Guided by experienced management and filled with professional and competent human resources, our team ensures delivering total pumping solutions. We stand as a trusted partner for high-caliber endeavors.



What is MDP?

Mobile Dewatering Pump

MDP is the future of water pumps. *Mobility, light weight, high water capacity, and equipped with modern technology* are our core strengths.

Can be utilized in plantations, urban flood areas, rivers, dams, and many more.

Our MDP is well known and mostly marketed in the **US** and **China**.

MDP is Applicable in Many Different Fields and Industries.

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MDP Utilized For Flood Control

MDP Utilized in Plantations



MDP Utilized for River Elevation Control





Mobile Dewatering Pump

The main strength of this pump is on *Mobility, Portability, and Lightness* which is equipped with a combinations of customized tires and special skids so that it can be easily moved even by being towed by car.

MDP specifications and engine can be customizable based on the specific requirements of clients to ensure optimal performance.

Specification:

- Flow Rate: 50 - 2400 m³/h
- Static Head: 30 - 220 m

Starting Price:

\$57,500

Key Technology

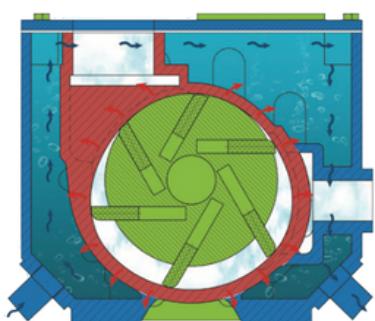
P-S-P Auto Switch System

We call it Prime Sleep Prime (PSP). The EVP system will be switched to sleep status automatically once priming is finished. When it is used for general purpose applications, the EVP system only operates for a few seconds for priming, and which makes it almost unnecessary for daily maintenance or changing spare parts over its life cycle.



Cooling System

A pressurized cooling flush water is introduced from centrifugal pump's water passage through an access port into vacuum pump's water jacket which contains the entire vacuum pump. Cooling water flows into the water jacket from one side through a suction hose and discharges from the other side, then returns back to the centrifugal pump's suction side through a discharge hose. Pressurized flushing water cools the vacuum pump quickly and brings most of the heat out of the vacuum pump's cavity, which keeps the vacuum pump running at a very low temperature and makes the EVP system have an extraordinary long life.

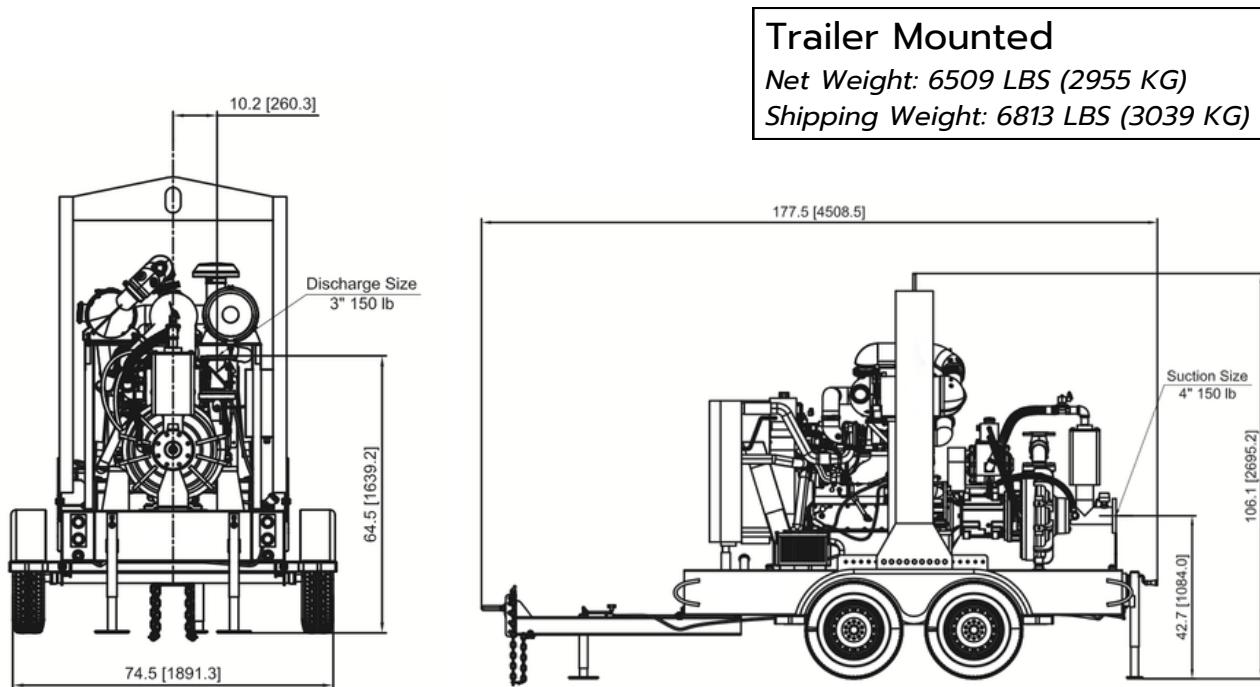


Auto Start/Stop Control

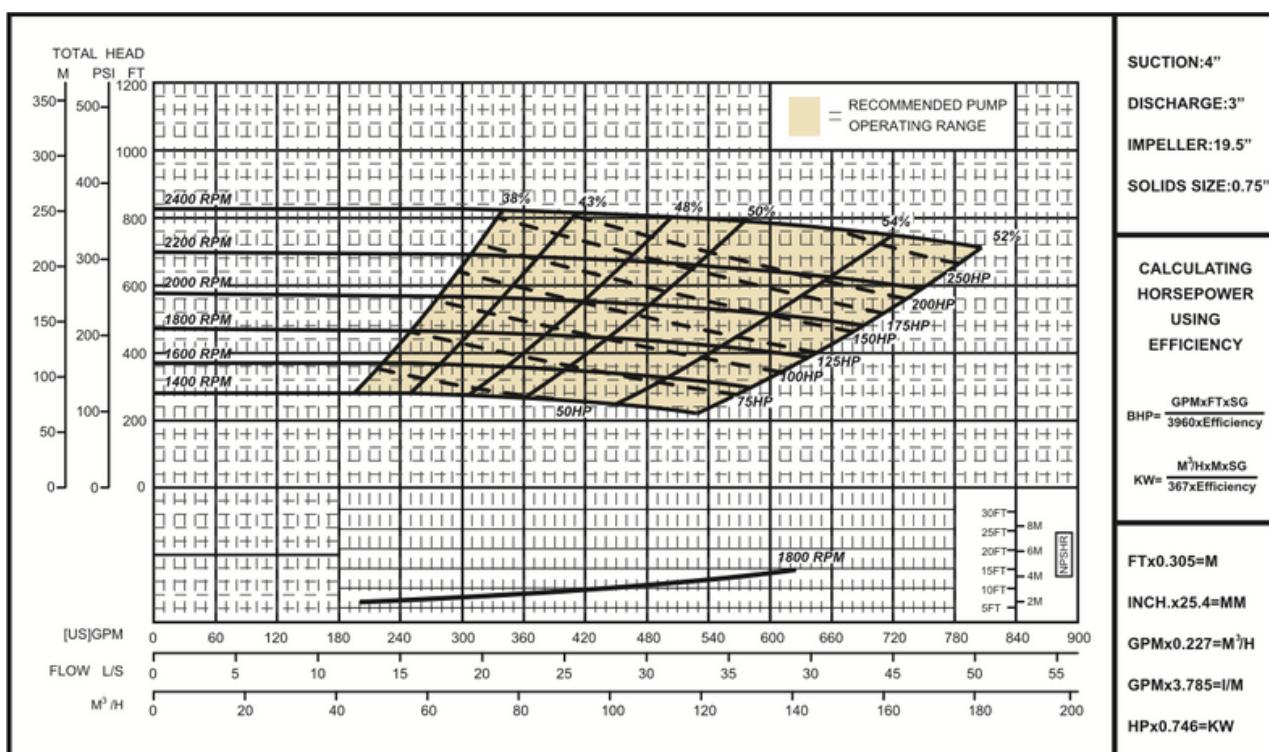
Remote control is available when a water level sensor is installed on the pump so as to control the pump's start/stop automatically. A state-of-the-art microprocessor-based digital engine control monitors all engine functions including alarms. The control panel features an easy-to-read 32-character display. It is ideal for conserving fuel, avoiding engine overhauls and comes standard on all instant-prime pumps.



Approximate Dimensions



Performance Curve



After Sales Service

The after-sales service is categorized into two segments:

Scheduled

Clients regularly perform routine maintenance of the equipment every 250 hours of use, based on the hour meter. Also, do a thorough maintenance called General Overhaul (GOH) every 15,000 hours of use.

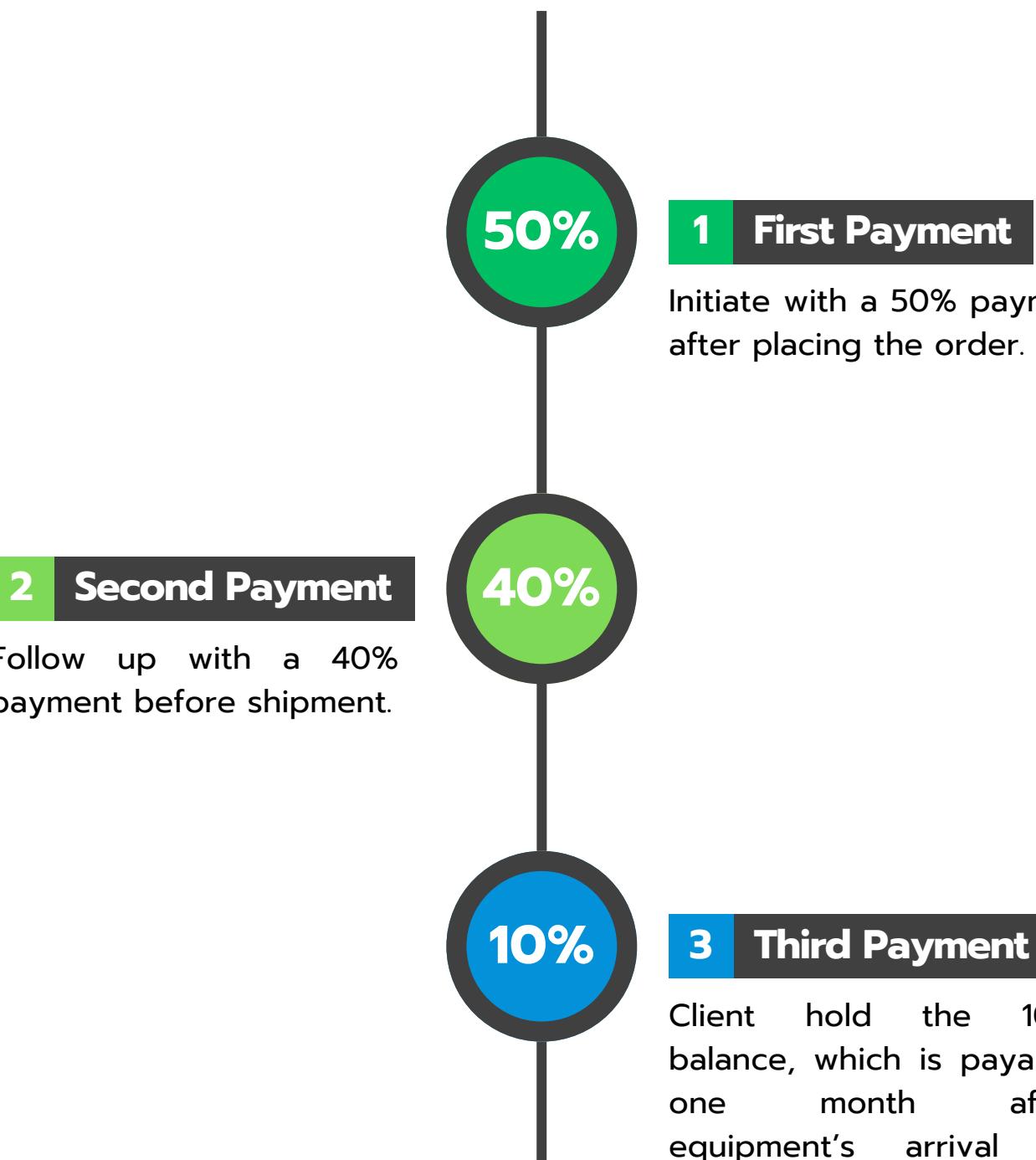


Unscheduled

SBN is dedicated to giving complete assistance starting from operation, maintenance, repairs, and making sure to provide all the needed spare parts as per what the client needs.

Payment Terms

For every purchase, our payment scheme is structured into three parts, which include:



**We Look
Forward To
Working With
You.**

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