



1000V Power Pack

Description

YONGAN power pack is manufactured to optimize the hydraulic pressure for a constant stability of the job performance on high efficiency of operation with YONGAN piling equipment. It is made by our high-tech CNC operated machinery. Open loop hydraulic system ensures easy assembly and maintenance. Equipped with high quality hydraulic pump and top brand engine, maximum efficiency and reliability is ensured. The power unit is using sound proof frame with heavy steel enclosure, noise levels are significantly reduced for a friendly operation environment. High cooling capacity of hydraulic system provides a stable hydraulic system and together with oversized radiator ensures no overheating problems. Hose power varies from 120P to 1320P for wide selection of YONGAN vibro hammer or impact hammer range.

Advantages

1. Powerful diesel engine

Yongan hammer is equipped with Caterpillar or Cummins engine which generates greater productivity by higher horse power and torque ratings.

2. Rexroth Hydraulic pump

Yongan choose Rexroth hydraulic pump to obtain a great performance. We offer both fixed and variable displacement pump accordingly to customer's requirement.

3. Cooling system

Oversized radiator is used in yongan power pack ensures the power pack can work from -30° up to 50°

4. Reliable filtration

Famous brand of filters are used to guarantee a long lasting efficiencies against contaminated oils and large amount of dust. It ensures filtration system for hydraulic and

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engine fuel system.

5. Manifold block utilize

Build-in manifold block is used for easy system control and supply accurate system flow and pressure to the machine.

6. Simple design of control panel

The power pack control panel is designed according to the easy operation principle and people's using habit. We are using indication gauge to showing electrical and hydraulic system.

7. Remote control

Remote control with the main functions as emergency stop, engine speed adjust, clamp on/off, vibro operation. It ensures operator control piling or extracting in a long distance from piling area.

Main Parameters of 1000v Power Pack

Such 1000 power pack can afford oil flow of 1150L/min, working pressure of 350bar and maximum frequency of 2100rpm. Besides, this machine is 12500kg with motor power of 571/777 kw/hp.

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|----------------------------|-----------------|
| Engine | Caterpillar C18 |
| Maximum Power (KW/HP) : | 585/796 |
| Maximum Frequency (rpm) : | 2100 |
| Operating Pressure (bar) : | 350 |
| Maximum Flow (L/min) : | 1150 |
| Weight (kg) : | 12500 |
| Size L*W*H (mm) : | 6000*1800*2500 |

Yong'an Machinery Co., Ltd. is a professional vibratory hammer supplier, integrating the researching and developing, manufacturing, selling and leasing of vibratory hammer series products and has provided our customers with quality vibratory hammer of good performance. Undoubtedly, the power pack, one of which is 1000V power pack, adopted for one of our main products, hydraulic vibratory hammer, is of excellent performance characteristics and highly spoken of by our customers.

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