



## 180 PP Power Pack

### Introduction

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.

### Technical Parameters of 180PP Power Pack

180PP power pack has motor power of 180hp, operation pressure of 24mpa, and fuel capacity of 400L. In addition, its oil tank can hold 800L oil. And the maximum oil flow is up to 200L/min

180PP Power Pack	Engine Type:	Cummins 6BTA5.9 C180
	Engine Power (HP)	180
	Operating Pressure (Mpa)	24
	Maximum Oil Flow (L/min)	200
	Hydraulic Oil Tank Volume (L)	800

### Yong'an Machinery Co., LTD.

Add: No.88 Qing Ao Hill, Hai'an Haiyang Industrial Park, Wenzhou, China, 325205.

Tel: +86-577-65278666

Fax: +86-577-65271769

E-mail: [sales@yonganvibro.com](mailto:sales@yonganvibro.com)

	Fuel Tank Volume (L)	400
--	----------------------	-----

### 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 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.

### Maintenances

1. Hydraulic oil should be changed in time.

2. Please check the tightness of the sealing elements regularly.

3. Oil tank should be tightly sealed to incoming of water and clutter.

4. Suction port of oil pump should be sealed to prevent air.

### Payment and Delivery

30% deposit payment should be paid after assigning the contract. Full payment should be paid before delivery. Machine package and delivery can be arranged as you require.

Yong'an Machinery, one of the most professional hydraulic impact hammer manufactures in China, was established in 1986. Our products take up to 70% of the whole China market. Our hydraulic impact hammer is popular pile driver in construction of

---

#### Yong'an Machinery Co., LTD.

Add: No.88 Qing Ao Hill, Haian Haiyang Industrial Park, Wenzhou, China, 325205.

Tel: +86-577-65278666

Fax: +86-577-65271769

E-mail: [sales@yonganvibro.com](mailto:sales@yonganvibro.com)

prefabricating casing pile foundation, large-scale sea-crossing concrete pile bridge and ferry pier. Pile hammer is applicable in onshore and offshore pile driving conditions. Our hydraulic pile hammer is applied in more than 300 large bridges, such as Hangzhou Bay Bridge, Yellow River Bridge and Jintang Cross-sea Bridge. Yong'an also has vibratory hammer series, which are widely used not only in China but also in oversea market such as Japan, Korea, Indonesia, Malaysia, Ecuador, Russia, Libya, Vietnam Ghana and Philippines.

---

**Yong'an Machinery Co., LTD.**

Add: No.88 Qing Ao Hill, Hai'an Haiyang Industrial Park, Wenzhou, China, 325205.

Tel: +86-577-65278666

Fax: +86-577-65271769

E-mail: [sales@yonganvibro.com](mailto:sales@yonganvibro.com)