

## Working Principle

Hydraulic Pile Breaker offer its several cylinders oil pressure through power source and cylinder directly drive the chisels and squeeze the pile body at the same time to break the pile. It operates easily and has high efficiency, low noise, low cost in the pile cutting construction process, which is suitable for pile group in construction engineering. Hydraulic pile breaker machine adopts highly modular combinations and connect modules through axis pins. It can break piles in certain ranges of diameter by different number of modules combination.

## Engineering Application Scope

Hydraulic Pile Breaker can break such like cast-in-place piles, precast piles etc. It can be divided into round and square by the pile shape. Our hydraulic pile breaker is widely used in high-speed railway bridges and civil building pile foundation engineering. Normally hydraulic round pile breaker can break pile diameter from600-2140mm and hydraulic square pile breaker is suitable for square pile from 300-650mm. Our machine can meet the requirements of all kinds of large-scale infrastructure construction.

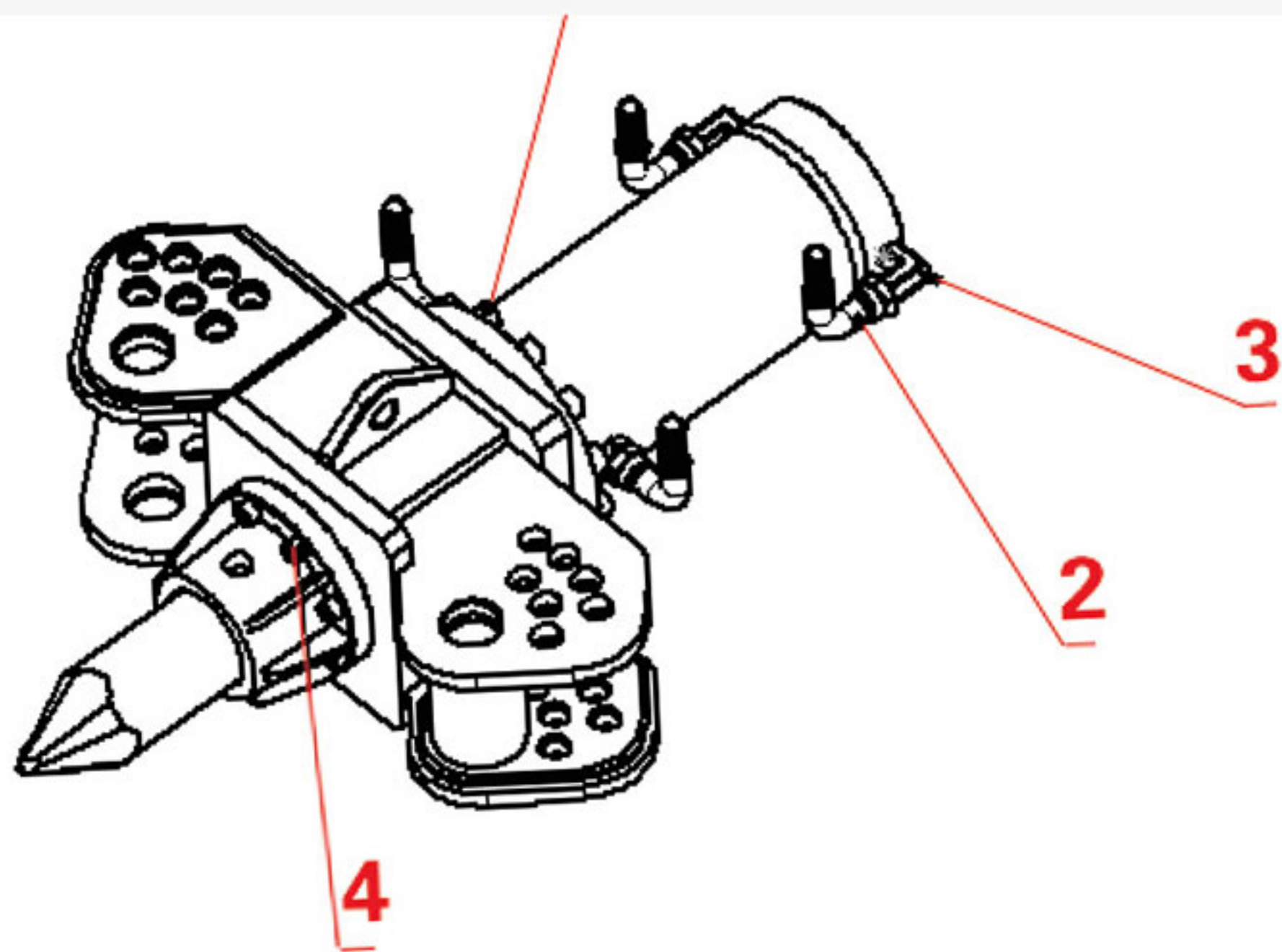
## HYDRAULIC ROUND PILE BREAKER

Piling Equipment  
BYMK-180S



BY-PB400S

4 modules add 4 connections can break square piles.



Single module assembling drawing

- 1、Oil cylinder head bolt
- 2、Fuel pipe union
- 3、Connector 90°angle fitting
- 4、Top end cover screw



## Product Advantage

- 1. It is the most advanced pile breaker and can achieve high efficiency, low noise in pile broken.
- 2. It has the advanced modularization and break different diameter pile by different number of modular combination.
- 3. It has high cost performance, low operating cost and its cost performance is nearly the same with the foreign products.
- 4.It operates easily and don't need any professional skill, besides, it operates very safely.
- 5.It can be connected to a variety of engineering machinery to make achieve of products' commonality and economical efficiency. It also can be hanged in the excavators, cranes and telescopic arm, etc.
- 6. High life design can bring you the best benefits.

### Mainbody Parameters

Module Number		4	8	9	10	11	12	13	14	15	16	17	18	
Combination total weight	KG	Remarks: Need to add the connections.	2624	2952	3280	3608	3936	4264	4592	4920	5248	5576	5904	
Pile diameter range	mm		400-600	600-800	800-1000	1000-1150	1150-1300	1300-1500	1500-1650	1650-1800	1460-1970	1620-2200	2200-2360	2360-2500
Hydraulic excavator	T	20T-30T				30T-40T				Hydraulic system/pump station				
Max.Thrust		300KN	Max.Cylinder required			20L/min		Machinery Tonnage			≥ 20t			
Max.Cylinder Trip		250mm	Quantity/8h					Single module weight			328KG			
Max.Cylinder Pressure		30MPa	Max.Hoist Capacity			≤500mm		Single module size			885*780*340			