

# HYDRAULIC SQUARE PILE BREAKER

Piling Equipment  
BY-PB500S



## 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 from 600-2140mm 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.



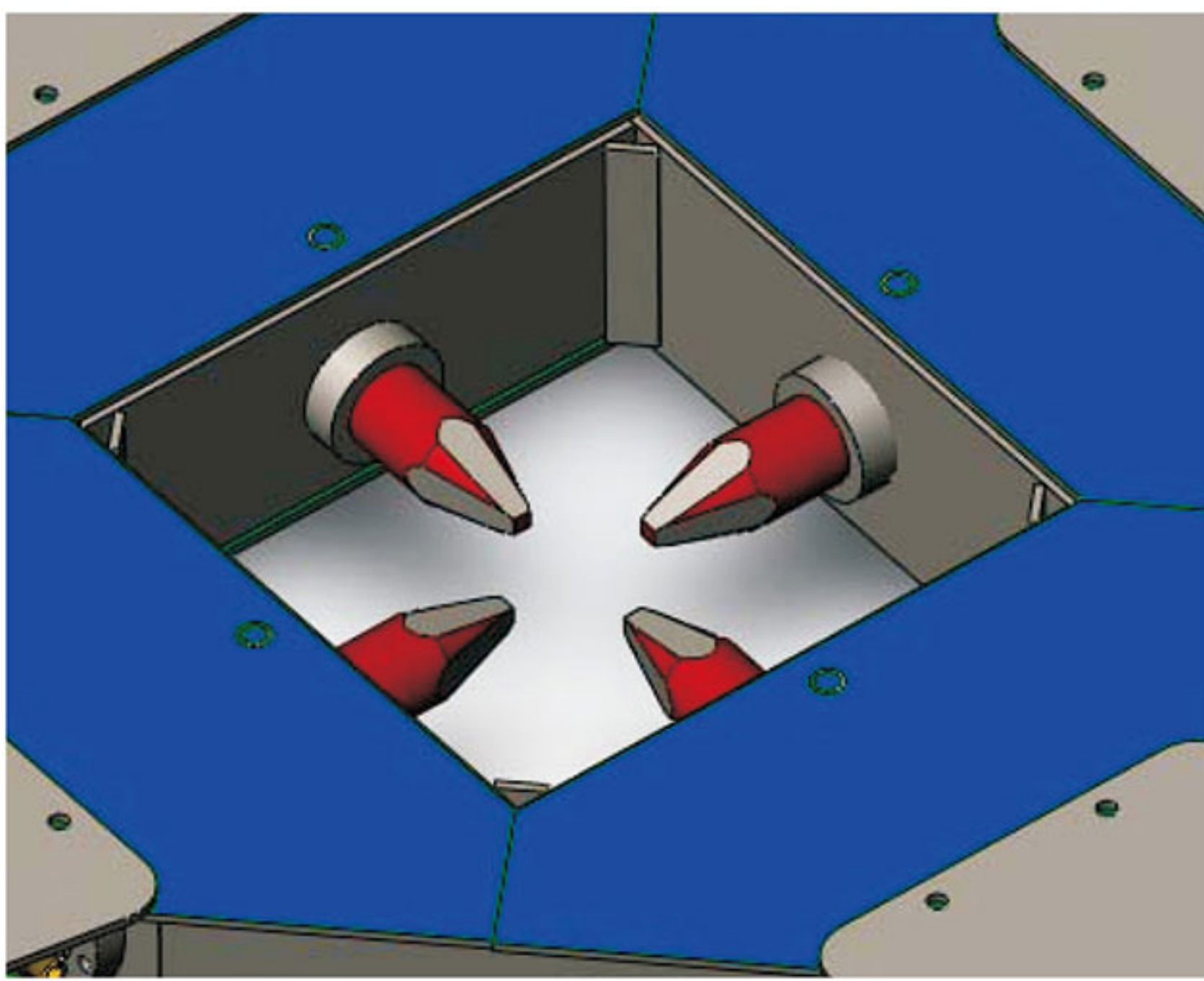
## Wireless Remote Control



### ◆ Wireless remote control hydraulic station

Wireless remote control means distance control. There is no connection between remote control and hydraulic station and it output and controls the operation of hydraulic station through radio wave which is convenient and swift. Operating range is large: operation staff can observed object at close range and also can be far away from the dangerous places.

### ◆ Can be used with pile extractor and pile breaker.



## Simple maintenance and quick operation

- 1.The whole structure designed for simple maintenance by reasonable protection to reduce the late maintenance
- 2.General design reduce the spare parts style. Simple quick connection of the connectors and work platform realize platform diversified to ensure construction convenient and reduce cost
- 3.Easy tear open; Convenient transportation; Long service life

- 1.Designed for high safety coefficient to achieve long life;
- 2.Pay attention to details. Increasing the protection to reduce equipment damage of construction environment;
- 3.Key hydraulic parts adopt imported components to ensure product reliability
- 4.Alloy head adopts advanced processing technology to prolong service life.

Max.Cylinder required	20L/min	Max.Cylinder Trip	200mm	Max.Thrust	320KN
Max.Hoist Capacity	≤300mm	Max.Cylinder Pressure	30MPa	Quantity/8h	
Cut Pile Dia	BYP500S:300*300 350*350 400*400 450*450 500*500 550*550	BYP600S:500*500 550*550 600*600 650*650			
Total Weight	BYP500S:0.78T	BYP600S:1.2T	Machinery Tonnage	BYP500S:≥7t	BYP600S:≥15

