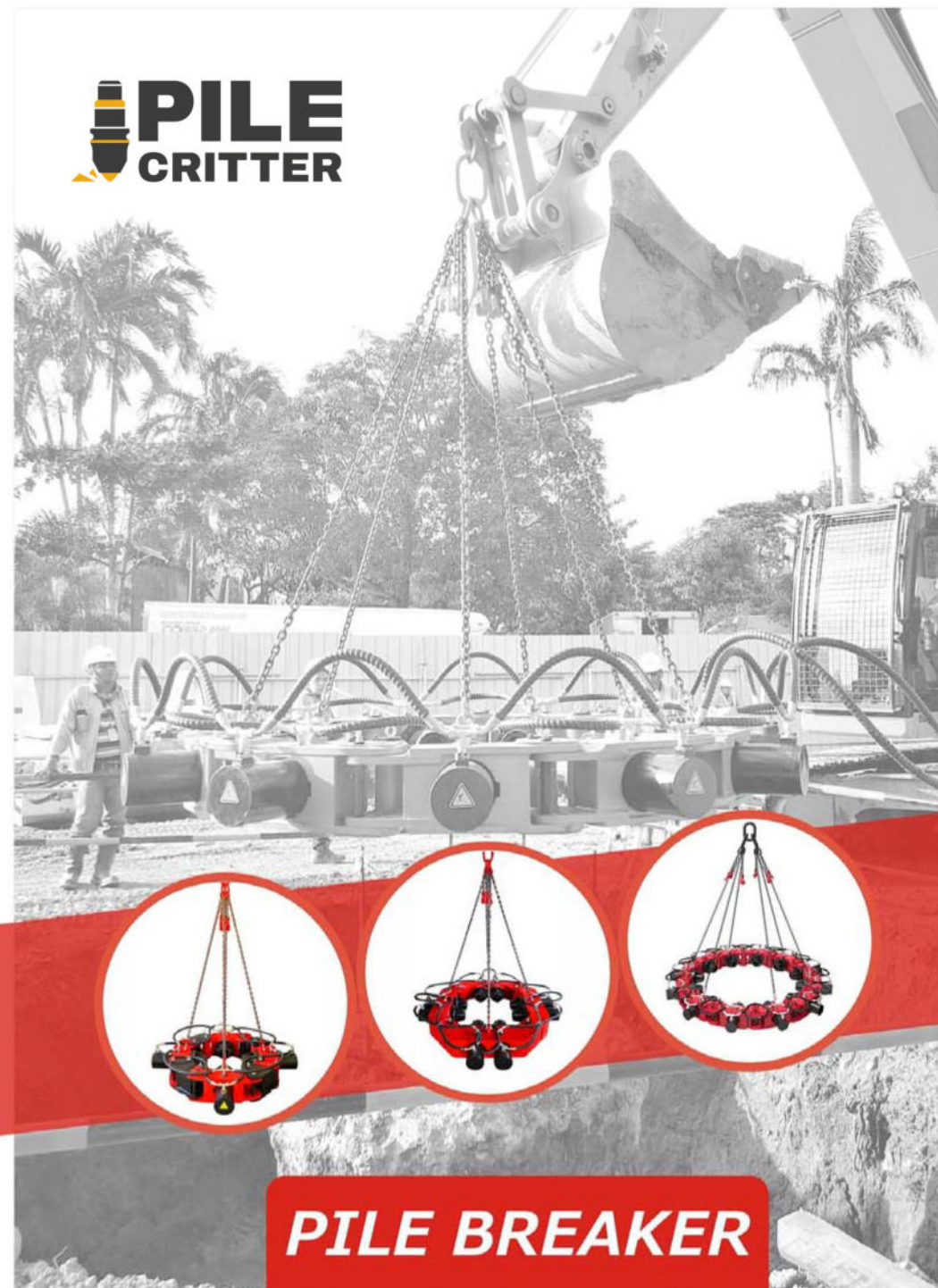




STRIVE TO BE THE BEST

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PILE BREAKER

ABOUT PILE CRITTER



COMPANY

Founded in 2022, PileCriter is a swiftly growing company in the European drilling market. Our team, though small, is rich in diversity and expertise, encompassing a range of roles from strategic leadership to market-specific business development. Fluent in multiple languages, our team is well-equipped to cater to various European markets. Together, our mission is rooted in delivering value through reliable, high-performance tools essential for construction and civil engineering.

At PileCriter, we're driven by a relentless dedication to our customers, aiming to be the cornerstone of Europe's drilling industry. Our vision encompasses not just supplying tools but fostering growth and progress in every project we touch. We're focused on enhancing our services by developing rapid response teams, further decreasing dispatch times, and expanding our product catalogue. Join us in redefining drilling industry standards with solutions that speak of quality, efficiency, and innovation!

EU HUB

Focusing on local stock within Europe, PileCriter has significantly reduced delivery times and improved service dependability for our European clients. This strategic move underscores our dedication to addressing the unique requirements of the European market and strengthening our position in the region.

BESPOKE SERVICE

We are eager to take on special requests, ensuring clients receive precisely what they need for their projects. We specialize in understanding unique requirements and leveraging an extensive product range to fulfill even the most specific demands. With a focus on customization and adaptability, our team is committed to turning special requests into reality, offering solutions that are not just satisfactory, but perfectly aligned with each client's unique business needs.

Why you need a pile breaker ?

Easy operation,
high efficiency

No harm to the pile body
(no vibration)

High safety and reliability

Environmental friendly
Low noise, dust free



Pile breaker is a special tool to break the ground head concrete of foundation pile.



two types of pile breaker

* Round type

* Square type

Round type

Technical parameters

▶ Model SP800



Model	SP800
Range of Pile diameter (mm)	Φ500-Φ2500
Maximum stroke of hydraulic cylinder	205mm
Maximum pressure hydraulic cylinder	34.3Mpa
Maximum flow Single cylinder	25L/mim
Cut the number of pile/8h	20-100
Height for cut pile each time	≤200mm-300mm
Supporting the digging machine Tonnage (excvator)	≥20t - 46t
One-piece module weight	381kg
One-piece module size	908×780×400
Work status dimensions	2060*2060*2500
Total pile breaker weight	6.4t

▶ SP 800 Parameter

Module numbers	The diameter range (mm)	Excavator Size (tons)	Weight(kg)	Height of single crush pile(mm)
6	500-600	20	2400	200-300
7	650-800	22	2800	200-300
8	850-1000	26	3200	200-300
9	950-1200	27	3600	200-300
10	1150-1400	30	4000	200-300
11	1350-1600	32	4400	200-300
13	1650-1800	35	5200	200-300
14	1850-2100	35	5600	200-300
15	2050-2300	40	6000	200-300
16	2250-2500	46	6400	200-300

Square type

Technical parameters

▶ Model SP500 Heavy Duty



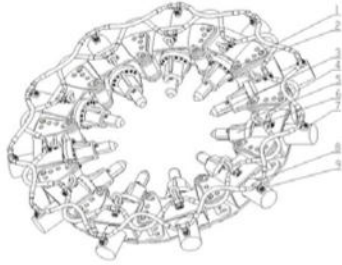
Model	SP500 Heavy Duty
Range of Pile diameter (mm)	250-500mm
Maximum Drill rod pressure	320KN
Maximum stroke of hydraulic cylinder	150mm
Maximum pressure hydraulic cylinder	34.3Mpa
Maximum flow Single cylinder	25L/mim
Cut the number of pile/8h	100-120
Height for cut pile each time	≤200mm
Supporting the digging machine Tonnage (excvator)	≥15t
One-piece module weight	200kg
One-piece module size	595*980*275
Work status dimensions	1710*1710*2500
Total pile breaker weight	2t

▶ Model SP600-8 Heavy Duty



Model	SP600-8 Heavy Duty
Range of Pile diameter (mm)	600-800mm
Maximum Drill rod pressure	320KN
Maximum stroke of hydraulic cylinder	150mm
Maximum pressure hydraulic cylinder	34.3Mpa
Maximum flow Single cylinder	25L/mim
Cut the number of pile/8h	20-50
Height for cut pile each time	≤200mm
Supporting the digging machine Tonnage (excvator)	≥26t
One-piece module weight	700kg
Work status dimensions	2080*2080*396
Total pile breaker weight	3.2t

▶ Parts Name



- 1- Small Bolt
- 2- Bolt
- 3- Breaker Rod
- 4- High Pressure Hose
- 5- Bow Shaped Buckles
- 6- Guiding Flange
- 7- Cylinder
- 8- Hydraulic Tee
- 9- Hydraulic Joint

▶ Conversion of Square and Round Pile Breaker (SP500 converted to SP800)



Remove all large and small bolts as shown

Remove 4 connecting blocks

Add several modules to form round piles with different sizes

▶ Hydraulic Power of Pile Breaker

Option1:

Excavator provides hydraulic power



Option2:

Unimate power pack provides hydraulic power



PILE BREAKERS

Our range of pile breakers offer efficient solutions for cutting concrete foundation piles in construction projects. Engineered for high performance and versatility in construction projects, with features that ensure economic efficiency, robust construction, and environmental consideration, making them indispensable tools in modern construction.