



**ROCKWAY**

Your one stop-station for piling works



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# PRODUCT BROCHURE



**Introduction:** With more 20 year' s experience, Rockway was founded in 2024 in UAE to provide total solutions for piling works. Our main products including sale and rental for Vibro Hammer, Drilling Rig, Crawler crane, Vibroflot, Desander, Pile Breaker, Kelly Bar, Drilling Tools and Drilling Teeth. We are dedicated to supply top quality products and best service to our customers in the whole Middle East Area. Find Rockway, Find the best solution for your piling works.

**01**

**Hydraulic Vibro Hammer**

**02**

**Piling Rig**

**03**

**Crawler Crane**

**04**

**Mobile Crane**

**05**

**Vibroflot**

**06**

**Desander**

**07**

**Pile Breaker**

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**Kelly Bar**

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**Bucket**

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**Core Barrel**

**11**

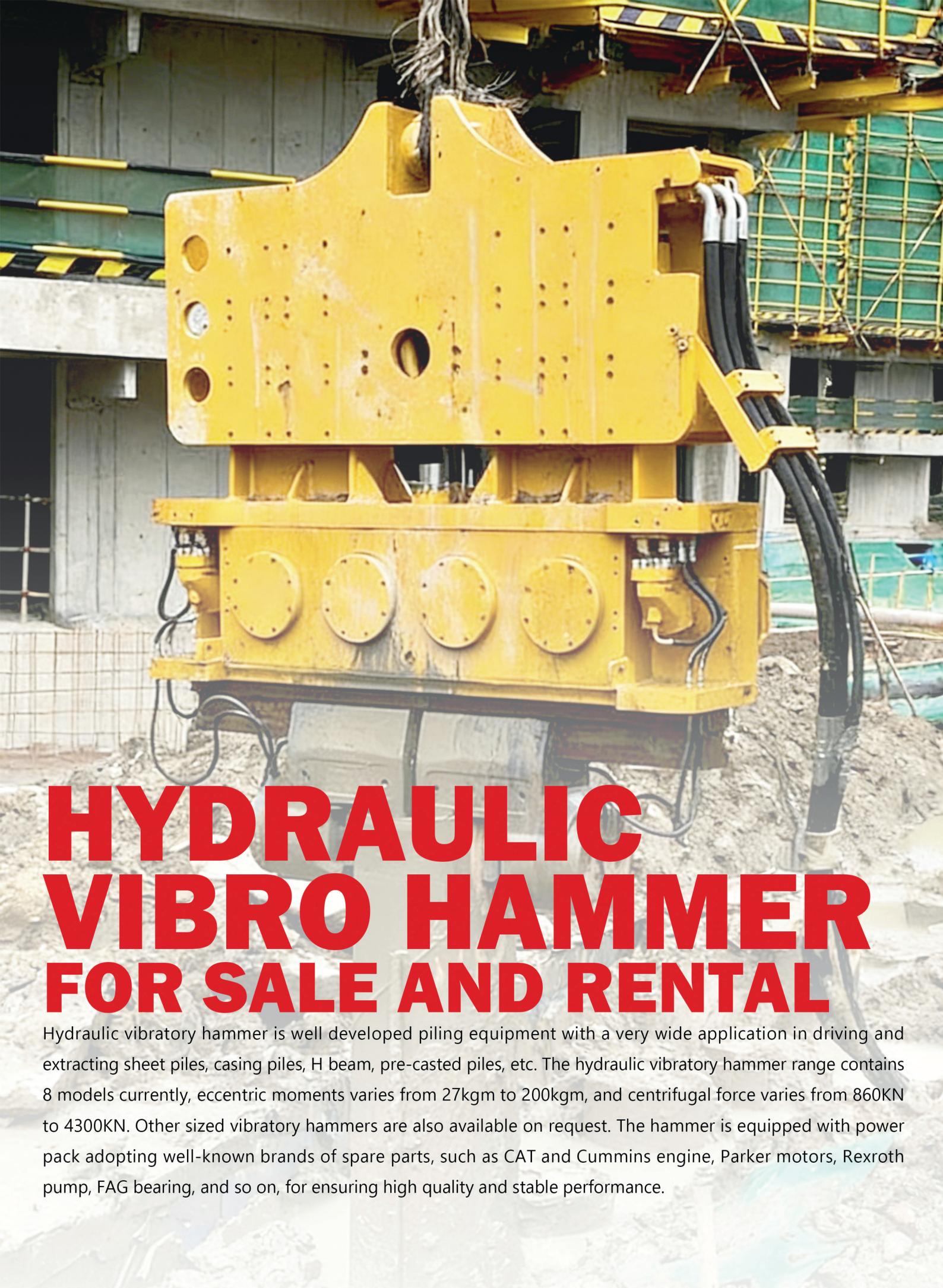
**Auger**

**12**

**Casing**

**13**

**Teeth**



# HYDRAULIC VIBRO HAMMER FOR SALE AND RENTAL

Hydraulic vibratory hammer is well developed piling equipment with a very wide application in driving and extracting sheet piles, casing piles, H beam, pre-casted piles, etc. The hydraulic vibratory hammer range contains 8 models currently, eccentric moments varies from 27kgm to 200kgm, and centrifugal force varies from 860KN to 4300KN. Other sized vibratory hammers are also available on request. The hammer is equipped with power pack adopting well-known brands of spare parts, such as CAT and Cummins engine, Parker motors, Rexroth pump, FAG bearing, and so on, for ensuring high quality and stable performance.



## Power Pack

The power packs are engineered and manufactured to optimize the hydraulic system, delivering consistent piling stability and high operational efficiency for hydraulic impact piling hammers, vibro hammers, rotary heads and other custom-built power packs.

## Motor

Embedded motor .reduce collision and make equipment reliable

## Eccentric block

Fill the Eccentric block with heavy metal, produce more moment

## Clamp

CNC one-time forming, vacuum heat treatment, high temperature quenching and hardening, excellent material, strong and wear-resistant, with interlock cylinder.



# USED PILING RIG FOR SALE AND RENTAL

DURABLE, HIGH-PERFORMANCE USED PILING RIGS  
FOR FOUNDATION & CONSTRUCTION PROJECTS

Curated, high-quality used piling rigs — sourced from leading brands including Sany, XCMG, Zoomlion and Sunward — stand as a dependable solution for foundation construction needs. Offerings span rotary drilling, hydraulic vibration, and deep-pile configurations to align with varied project requirements. For custom specifications not currently in inventory, specialized professionals will secure matching units via an established pre-owned equipment network.



## AVAILABLE BRANDS



### SANY

Available Model :

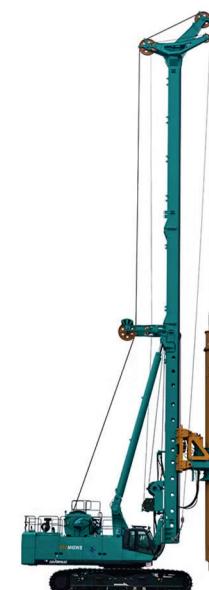
SR155 SR205 SR235 SR285 SR360



### XCMG

Available Model :

XR150 XR240E SR280D XR360



### Sunward

Available Model :

SWDM160H SWDM200H SWDM260 FSWDM360



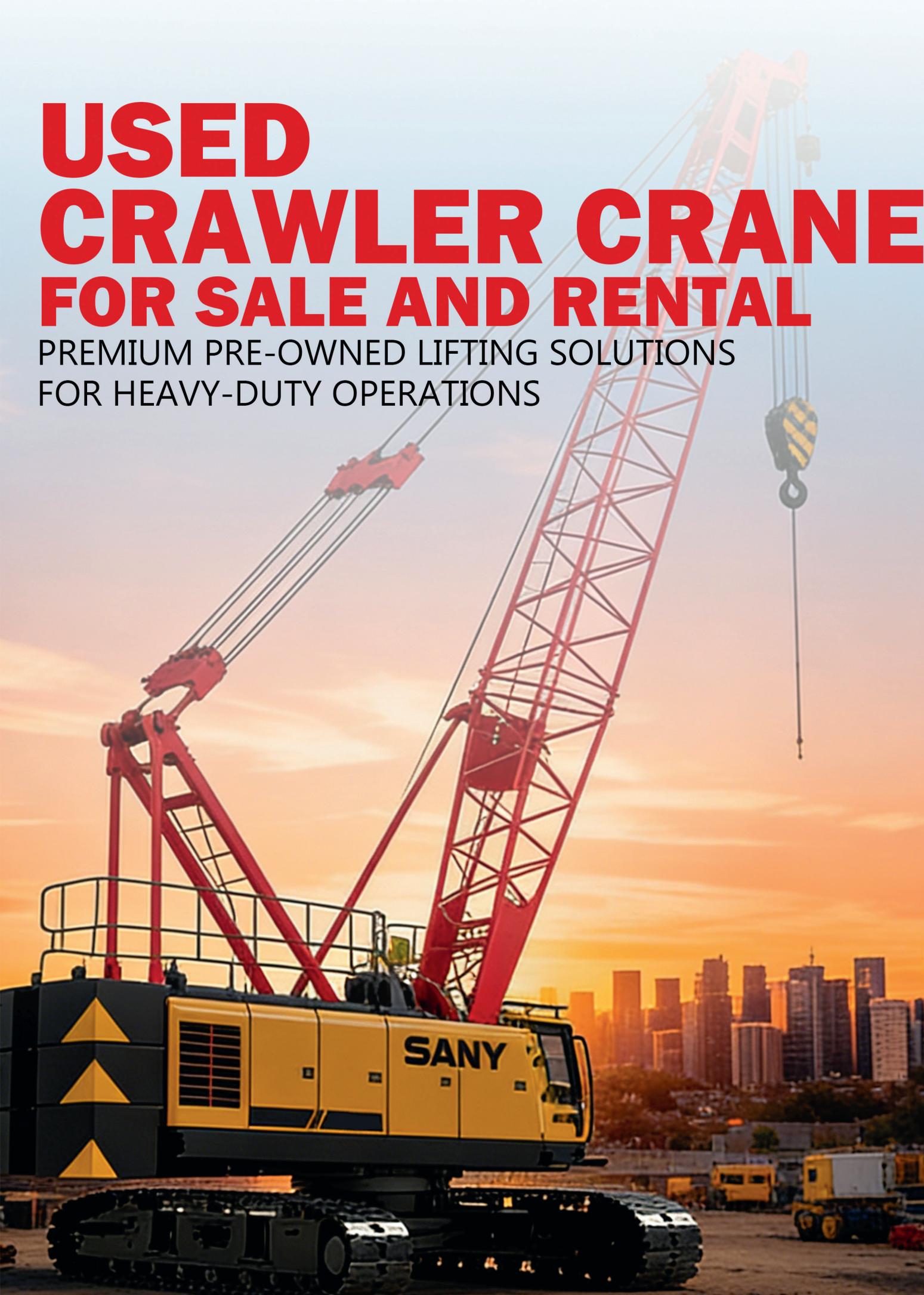
### Zoomlion

Available Model :

ZR160C ZR220A ZR240C ZR300L ZR360L

# USED CRAWLER CRANE FOR SALE AND RENTAL

PREMIUM PRE-OWNED LIFTING SOLUTIONS  
FOR HEAVY-DUTY OPERATIONS



## AVAILABLE BRANDS

### SANY

Available Model :

SCC600 SCC600A SCC750 SCC850A SCC100A



### XCMG

Available Model :

XGC55/55T XGC75 XGC85 XGTC80 XGC100



### Zoomlion

Available Model :

ZCC850V ZCC550H ZCC750H





# USED MOBILE CRANE FOR SALE AND RENTAL

RELIABLE, JOB-READY USED MOBILE CRANES FOR LIFTING & CONSTRUCTION PROJECTS

Rigorously inspected used mobile cranes, sourced from top brands including Sany, XCMG and Zoomlion, deliver consistent performance for critical lifting operations. The selection encompasses Truck Crane, All-terrain Crane, Rough-terrain Crane and Truck-mounted Crane, designed to adapt to urban construction, complex terrain and long-distance deployment needs respectively. For custom specifications not in stock, expert teams will locate matching equipment via an extensive pre-owned machinery network.

**Comprehensive Equipment Inventory:** Strictly inspected units tailored to the lifting requirements of construction, infrastructure, and industrial projects.

**Professional Technical Support:** Dedicated technical personnel possess in-depth expertise in equipment parameters including lifting capacity, boom length, and performance characteristics, enabling precise matching of appropriate cranes to specific project demands.

## AVAILABLE BRANDS

### SANY

Available Model :  
STC550 STC800 STC1000



### XCMG

Available Model :  
XCT50 XCT60 XCT80 XCT100



### Zoomlion

Available Model :  
ZTC550 ZTC700 ZTC800 ZTC1000



# VIBROFLOT

Applied to top feed vibroflotation construction, equipped with national patented high-performance long-life vibroflot special motors. Main body forged by high-strength and good-toughness alloy steel, with heat-treated integral forged wear-resistant connecting flanges and embedded self-locking high-strength bolt connections. Outside diameter 377/426mm, suitable for vibro-compaction and vibro-replacement construction with pile diameter 700-1200mm/800-1500mm.



## Head

A key part to guarantee the safety construction of the whole vibroflot. It should be installed at the top of the vibroflot and can be connected with the crane hook.



## Extension Tube

Used for protecting the cable and water pipe. It also can be used directly as a water pipe when the demand of water supplying is large.



## Isolator

Reduce the impact of vibration.



## Motor

Used to drive eccentric block rotation of vibroflot.



## Vibration Body

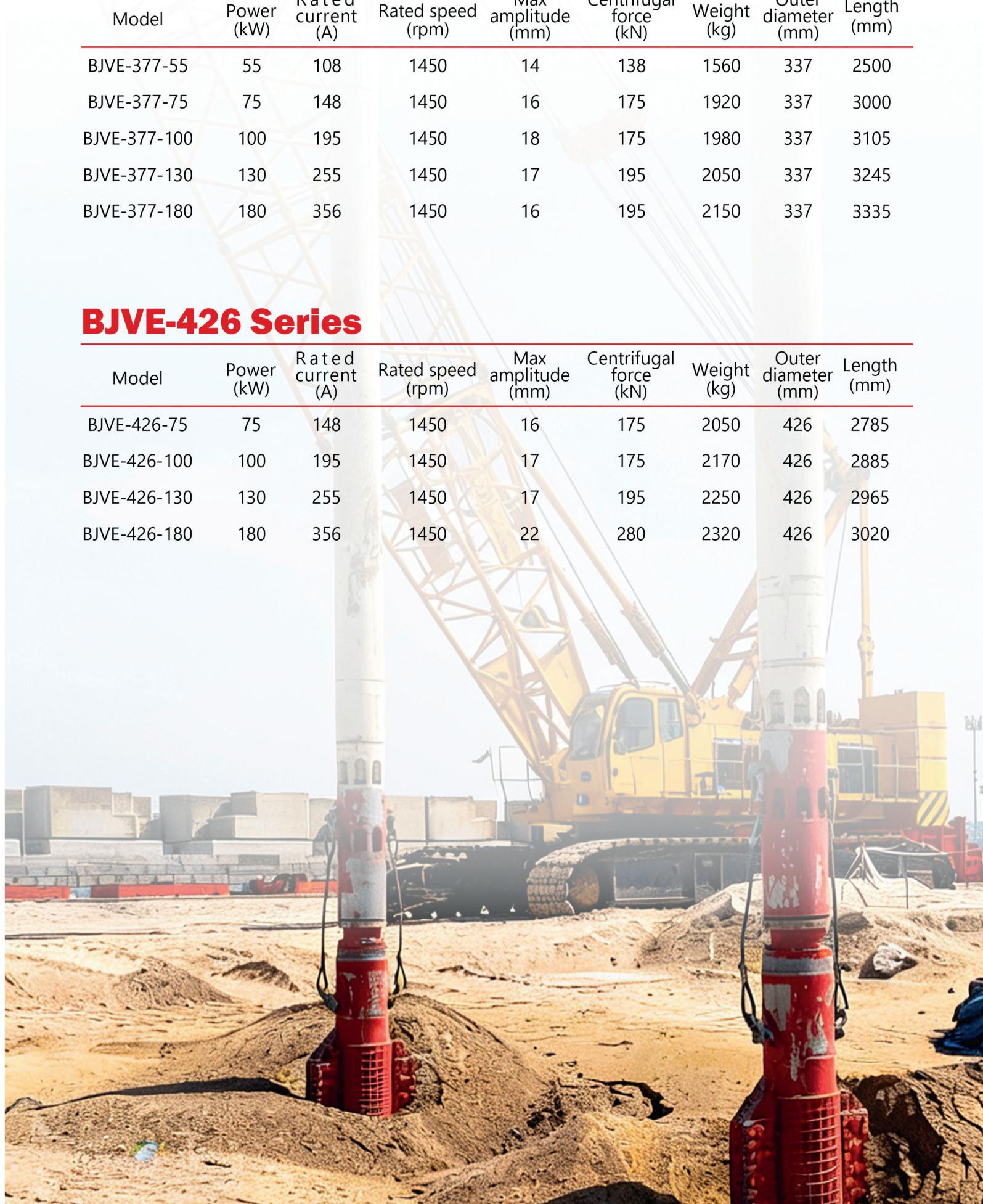
Transmit horizontal vibration force, impact soil, and form into compacted pile body through feeding or compaction effect.

## BJVE-377 Series

Model	Power (kW)	Rated current (A)	Rated speed (rpm)	Max amplitude (mm)	Centrifugal force (kN)	Weight (kg)	Outer diameter (mm)	Length (mm)
BJVE-377-55	55	108	1450	14	138	1560	337	2500
BJVE-377-75	75	148	1450	16	175	1920	337	3000
BJVE-377-100	100	195	1450	18	175	1980	337	3105
BJVE-377-130	130	255	1450	17	195	2050	337	3245
BJVE-377-180	180	356	1450	16	195	2150	337	3335

## BJVE-426 Series

Model	Power (kW)	Rated current (A)	Rated speed (rpm)	Max amplitude (mm)	Centrifugal force (kN)	Weight (kg)	Outer diameter (mm)	Length (mm)
BJVE-426-75	75	148	1450	16	175	2050	426	2785
BJVE-426-100	100	195	1450	17	175	2170	426	2885
BJVE-426-130	130	255	1450	17	195	2250	426	2965
BJVE-426-180	180	356	1450	22	280	2320	426	3020



# DESANDER

Desander is applicable to hydropower projects, civil engineering, pile foundation construction, diaphragm wall works, grab bucket operations, as well as direct and reverse circulation hole drilling. It is also used in slurry recycling treatment for TBM (Tunnel Boring Machine) projects. This equipment effectively cuts down construction costs, reduces environmental pollution and improves construction efficiency, making it one of the indispensable devices for foundation construction.

Model	Capacity (Slurry) (m <sup>3</sup> /h)	Cut Point (μm)	Capacity (Solid) (t/h)	Power (kW)	Dimension (m)	Weight (kg)
ZX-50A	50	45	10-25	17.2	2.8x1.3x2.7	2100
ZX-100B	100	30	25-50	24.2	2.9x1.9x2.25	2700
ZX-200	200	60	25-80	48	3.54x2.25x2.83	4800
ZX-250	250	60	25-80	58	3.54x2.25x2.83	5860
ZX-250B	250	45	25-80	58	3.54x2.25x4.77	6500
ZX-250C	250	45	25-80	60.8	4.62x2.12x2.73	6400
ZX-250E	250	30	25-80	60.8	4.62x2.12x3.40	7600
ZX-500	500	45	25-160	124	9.30x3.90x7.30	17000



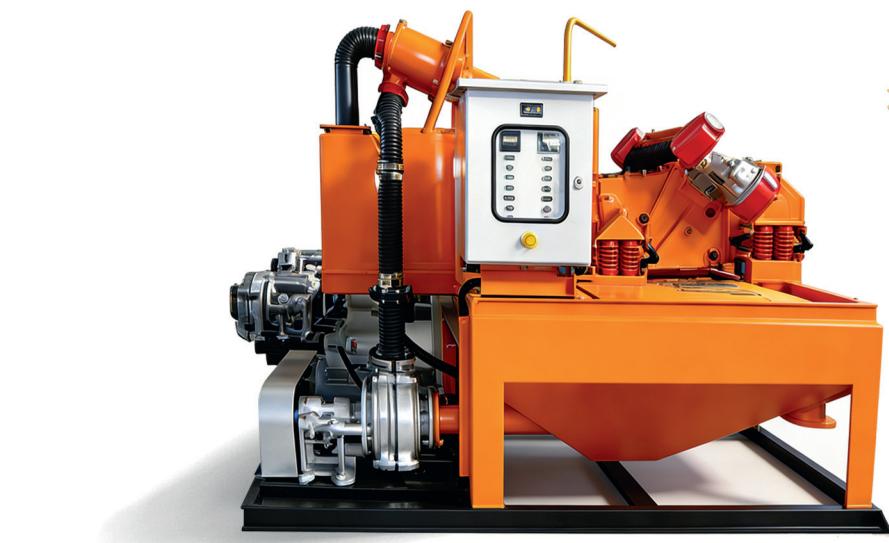
**ZX-250C**



**ZX-500**



**ZX-200(250)**



**ZX-100B**



**ZX-50**

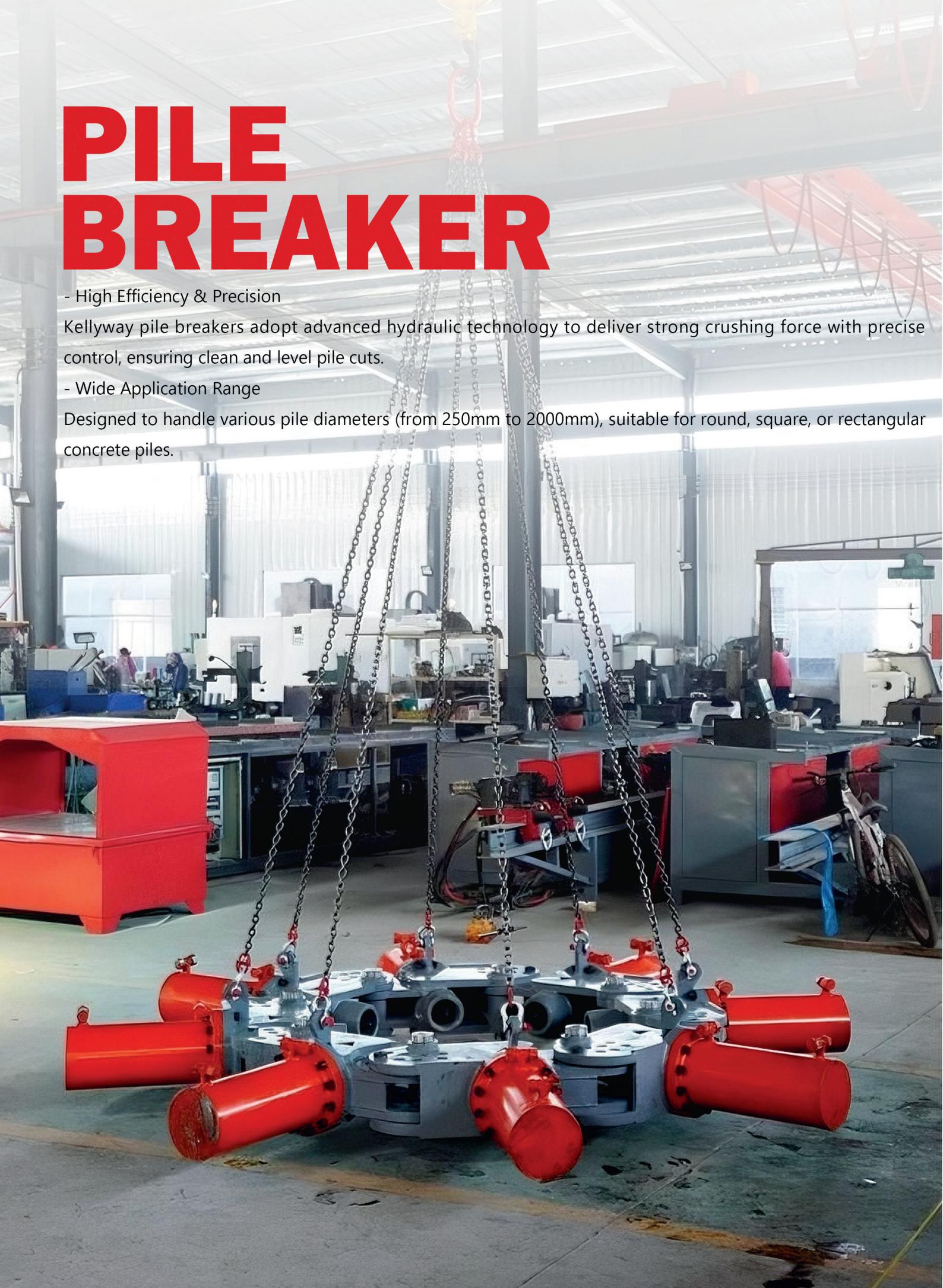
# PILE BREAKER

## - High Efficiency & Precision

Kellyway pile breakers adopt advanced hydraulic technology to deliver strong crushing force with precise control, ensuring clean and level pile cuts.

## - Wide Application Range

Designed to handle various pile diameters (from 250mm to 2000mm), suitable for round, square, or rectangular concrete piles.



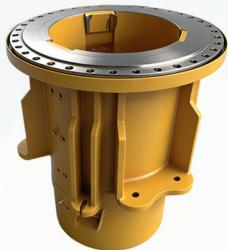
Module Number(PC)	4	8	9	10	11	12	13	14	15	16	17	18	
Combination total Weight(KG)	1600	2640	2970	3300	3630	3960	4290	4620	4950	5280	5610	5940	
Pile Diameter range(mm)	400	600	800	1000	1150	1300	1500	1650	1800	1970	2200	2360	
Hydraulic excavator(T)	20T-30T				30T-40T				Hydraulic system/pump station				
Max. Thrust	300KN	Max.Cylinder required		20L/min	Machinery Tonnage		≥20t						
Max. Cylinder Trip	300mm	Chisel diameter		110mm	Single module weight		332KG					Location Pin φ35	
Max. Cylinder Pressure	30MPa	Max.Hoist Capacity		≤500mm	Single module size		1015*865*340						



# KELLY BAR



## Piling Accessories



KELLY SLEEVE



SWIVEL JOINT



KELLY ADAPTOR



KELLY BAR FLANGES



SPRING



KELLY TERMINAL



### INTERLOCKING KELLY BAR

**Kelly bar raw material:** Q355B, 35Crmo, 27SiMn, ZT600, ZY850

**Size:** Diameter range from 355mm-930mm

**Kelly stub size:** 1130x130mm, 150x150mm, 200x200mm

**Warranty:** Half a year or 1000 hours

**Suitable Rigs:** Bauer, Soilmec, Casangrande, Liebherr, IMT, MAIT, Sany, XCMG, Sunward, Zoomlion and more.



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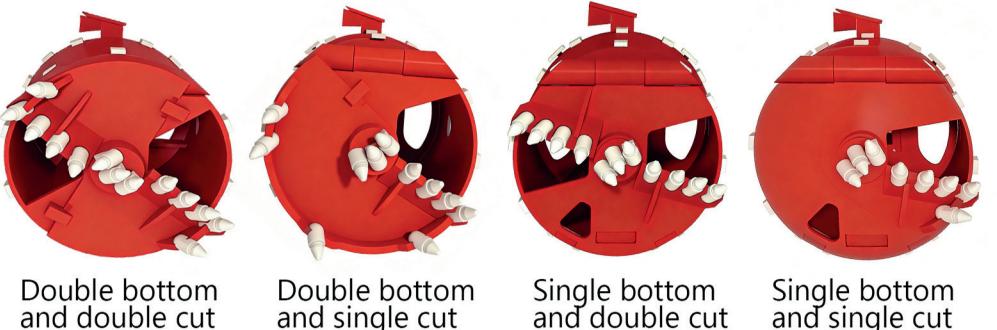
**Size:** Diameter range from 355mm-930mm

**Kelly stub size:** 130x130mm, 150x150mm, 200x200mm

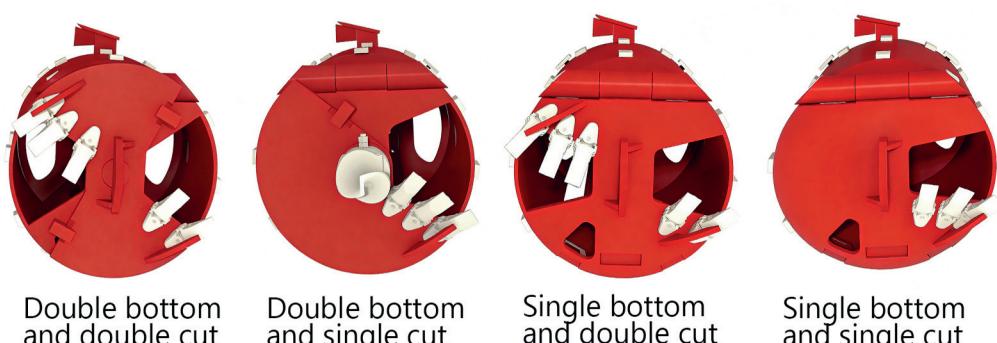
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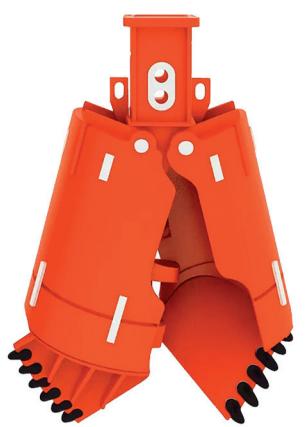
# BUCKET



**DRILLING BUCKET WITH ROCK TEETH**



**DRILLING BUCKET WITH SOIL TEETH**



**CLEANING BUCKET**

**CENTRIFUGAL  
ROCK BUCKET**

**BELLING BUCKET**





# CORE BARREL



# AUGER



Core barrel  
with bullet teeth



Core barrel  
with roller bits



Core barrel  
with crossing cutting



Double start  
double flight  
conical auger



Double head  
single flight  
straight auger



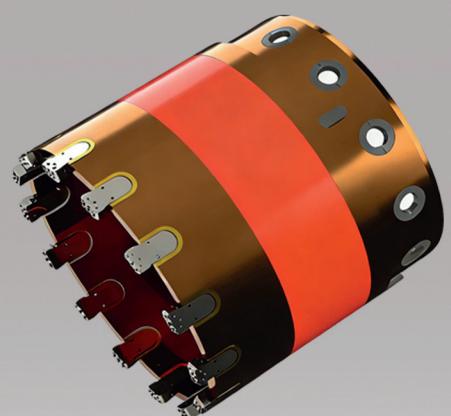
Double head  
single flight  
conical auger

# CASING

- The technical parameters and processes of the products are in line with the Bauer standard;
- Deformation and accuracy is strictly controlled through heat treatment, each casing is interchangeable;
- Besides Bauer rigs, casing is also suitable for Soilmec, Casagrande and other brands;



CASING SHOE



CASING SHOE



CASING JOINT



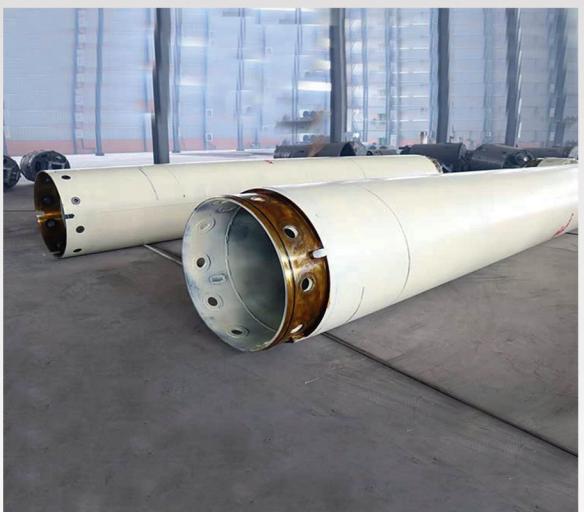
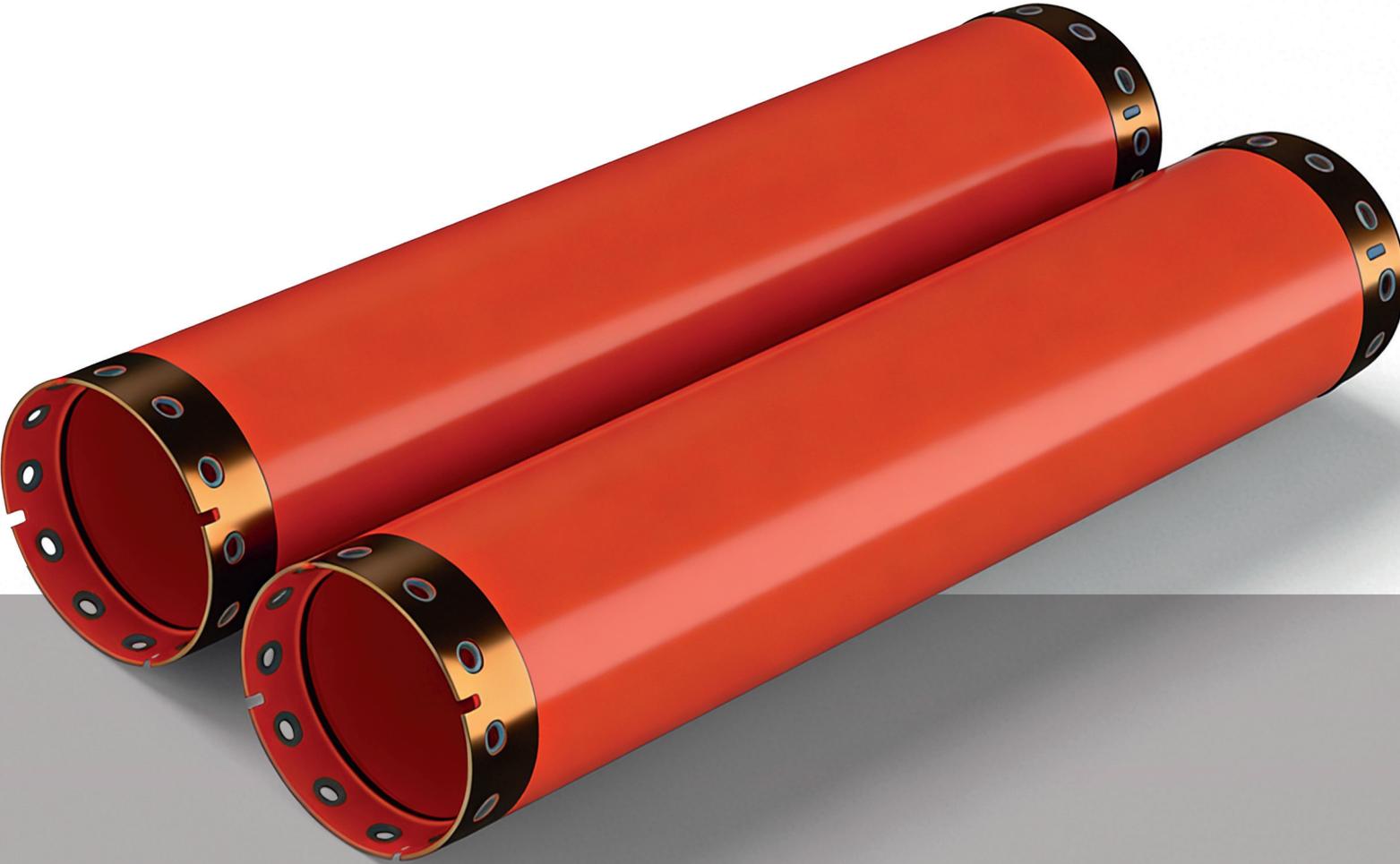
CASING ADAPTOR



CASING DRIVER



CASING DRIVER





## ROLLER BIT

Made of high-quality tungsten carbide, this drill bit boasts excellent wear resistance and cutting efficiency, serving as a high-performance drilling tool specially designed for reliable operation in various rock formations. Equipped with 52 replaceable tungsten carbide inserts, it enables easy replacement, significantly reducing downtime and drilling costs. The optimized tooth arrangement and cutting structure enhance rock-breaking efficiency and ensure stable drilling. Suitable for harsh engineering scenarios such as foundation construction, mining, tunneling and piling, it features controllable quality and strong adaptability to working conditions.

**Comprehensive Product Advantages:** Advanced formula/technique-enhanced tungsten carbide inserts for durability; premium HNBR O-ring and pressure compensator system ensure reliable sealing and lubrication.

**Professional Application & Operation:** Suitable for high-compressive-strength hard formations, withstands high WOB; supported by strict welding/usage specs to avoid malfunctions.



## FLAT TEETH



## WELDING BAR



## BULLET TEETH

