



ROCKWAY
Your one stop-station for piling works



ROCKWAY

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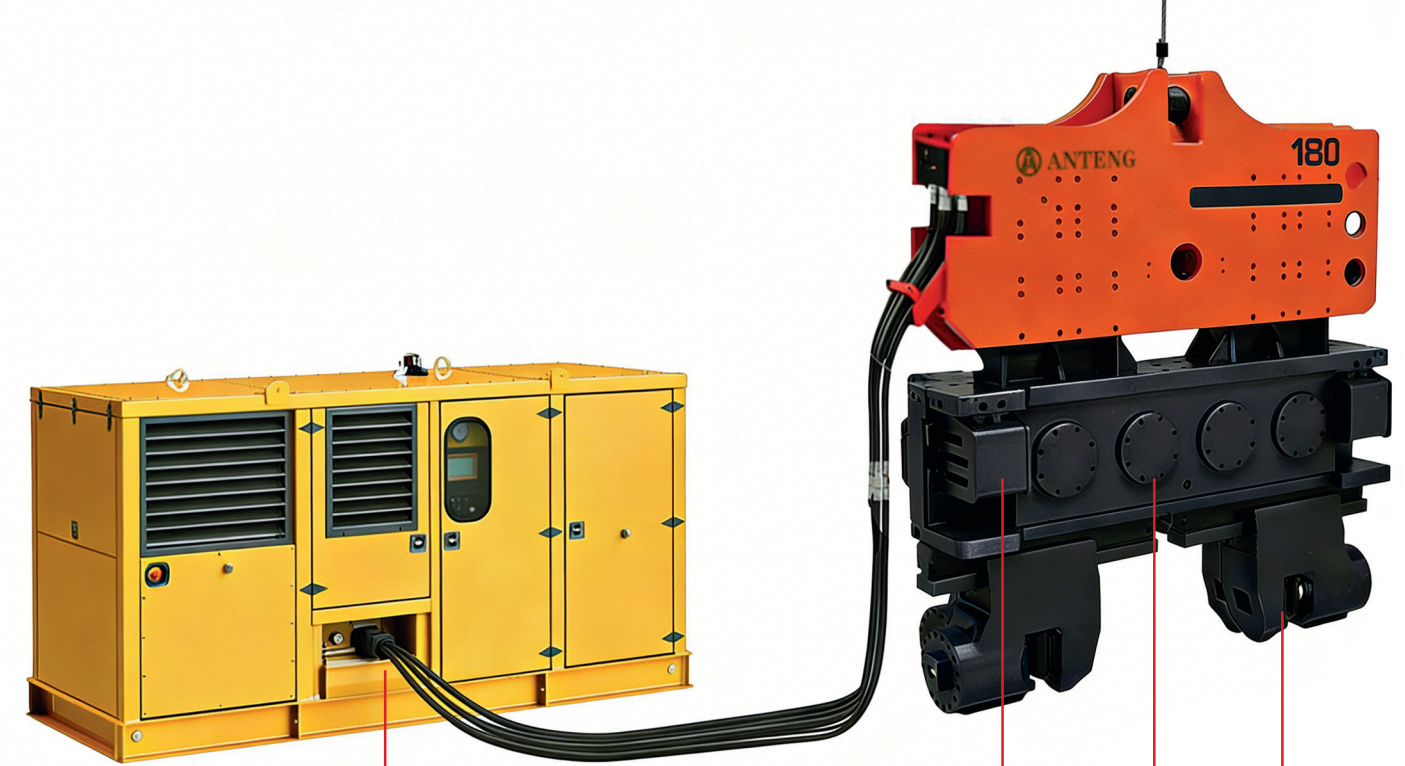
PRODUCT BROCHURE

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
08	Kelly Bar
09	Bucket
10	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 andmake 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 :

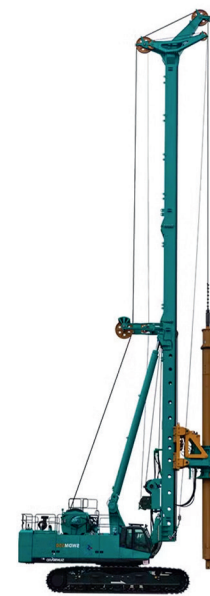
SR155 SR205 SR235 SR285 SR360



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 connectedwith the crane hook

Extension Tube

Used for protecting the the cable and water pipe. it also can beused directly as a water pipe when the demand of water supplyingis large

Isolator

Reduce the impact of vibration

Motor

Used to drive eccentric block rotation of vibroflot

Vibration Body

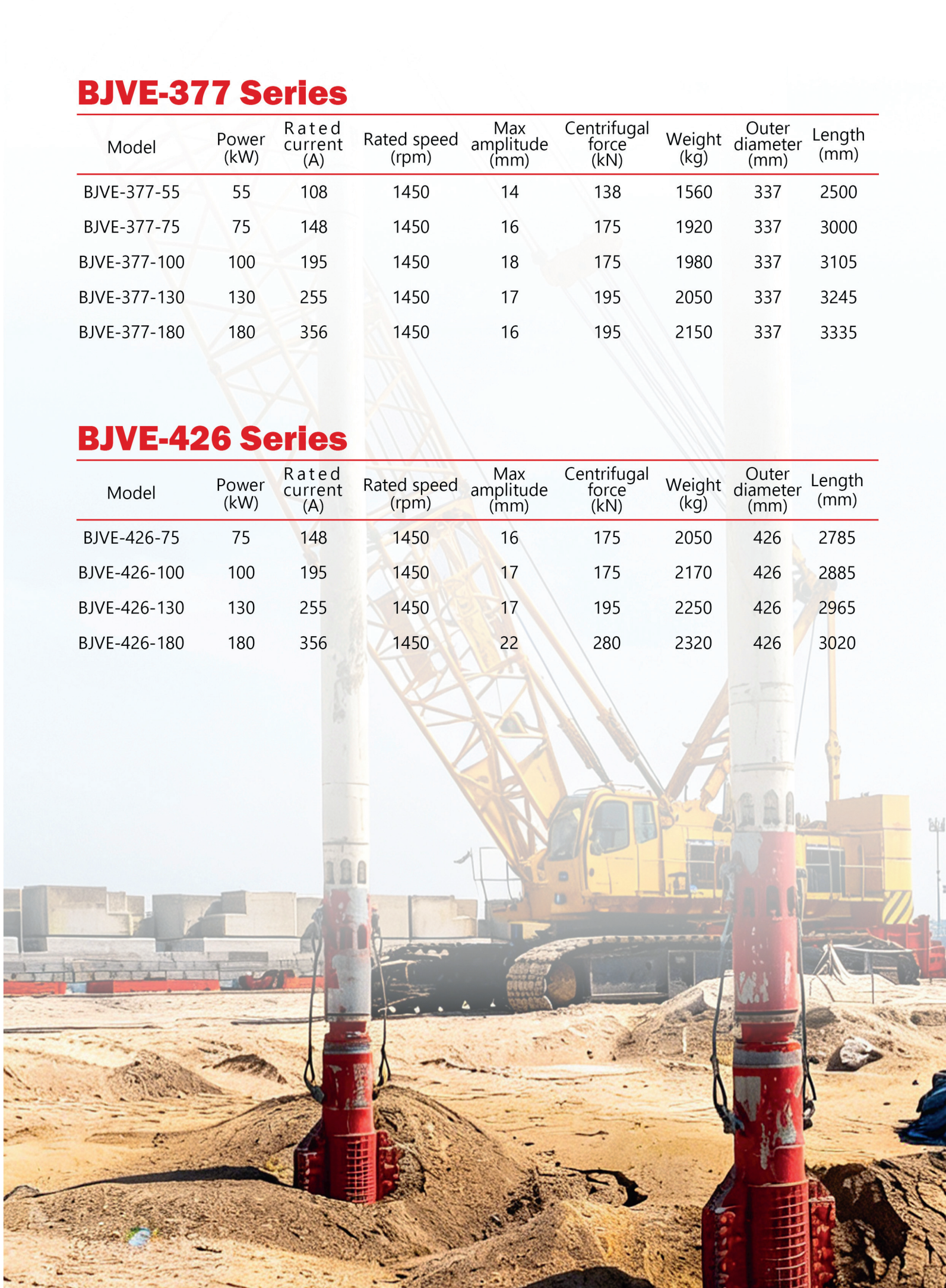
Transmit horizontal vibration force, impact soil, and form intocompacted pile body through feeding or compaction effect

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 ³ /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



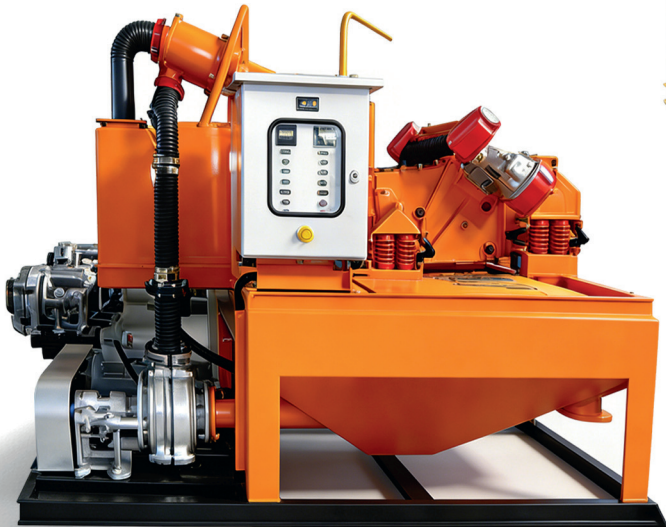
ZX-500



ZX-200(250)



ZX-50



ZX-100B



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.

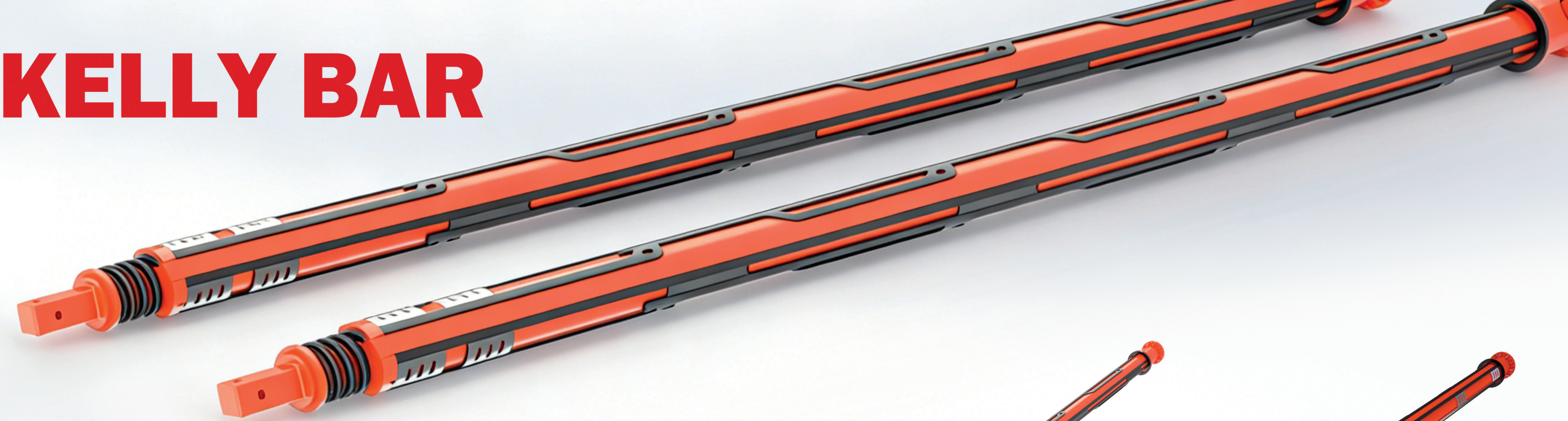
- Wide Application Range

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

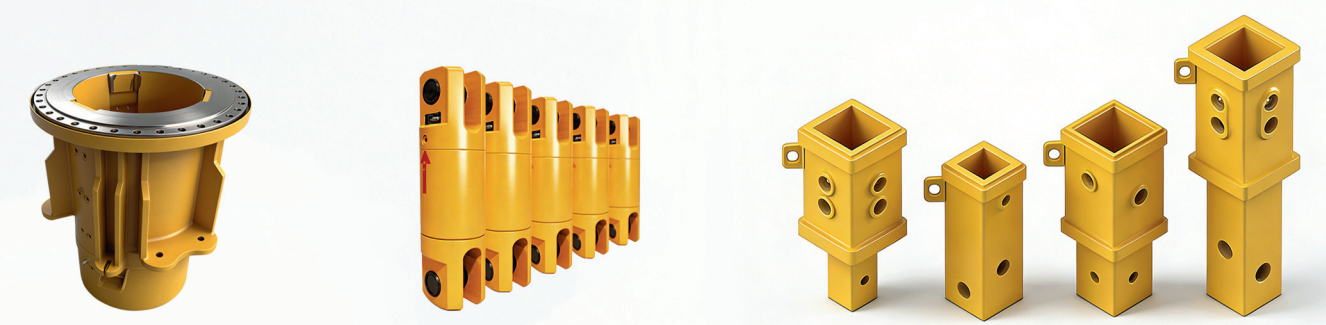
Module Number(PC)	4	8	9	10	11	12	13	14	15	16	17	18
Combination total Weight(KG)	1600	2640	2970	3300	3630	3960	4290	4620	4950	5280	5610	5940
Pile Diameter range(mm)	400 600	600 800	800 1000	1000 1150	1150 1300	1300 1500	1500 1650	1650 1800	1800 1970	1970 2200	2200 2360	2360 2500
Hydraulic excavator(T)	20T-30T			30T-40T				Hydraulic system/pump station				
Max. Thrust	300KN	Max.Cylinder required			20L/min	Machinery Tonnage			≥20t		Location Pin φ35	
Max. Cylinder Trip	300mm	Chisel diameter			110mm	Single module weight			332KG			
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.



FRICTION KELLY BAR

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BUCKET



Double bottom and double cut



Double bottom and single cut



Single bottom and double cut



Single bottom and single cut

DRILLING BUCKET WITH ROCK TEETH



Double bottom and double cut



Double bottom and single cut

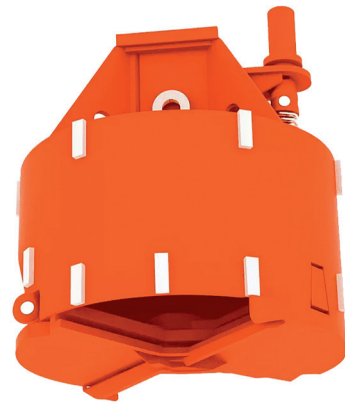


Single bottom and double cut



Single bottom and single cut

DRILLING BUCKET WITH SOIL TEETH



CLEANING BUCKET



CENTRIFUGAL ROCK BUCKET



BELLING BUCKET





CORE BARREL



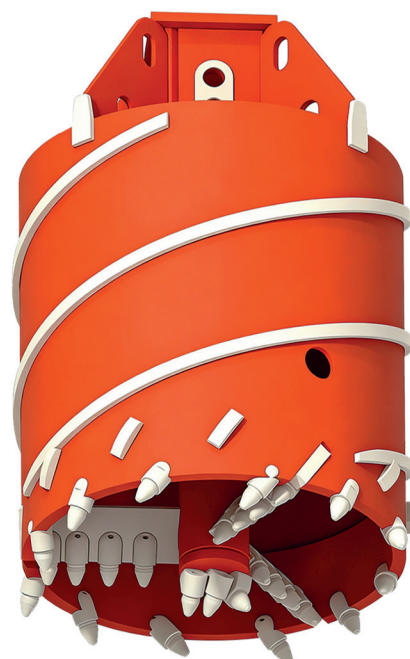
AUGER



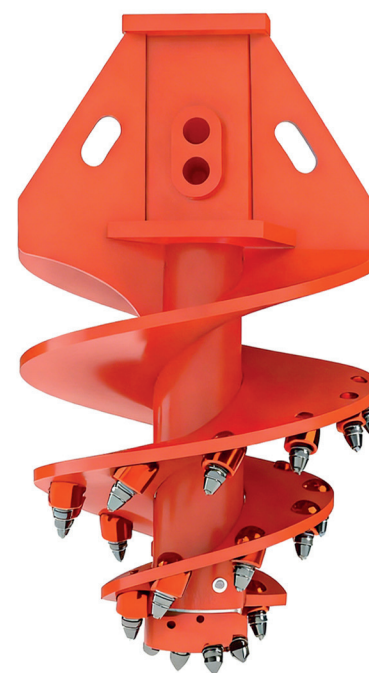
Core barrel
with bullet teeth



Core barrel
with roller bits



Core barrel
with crossing cutting



Double start
double flight
conical auger



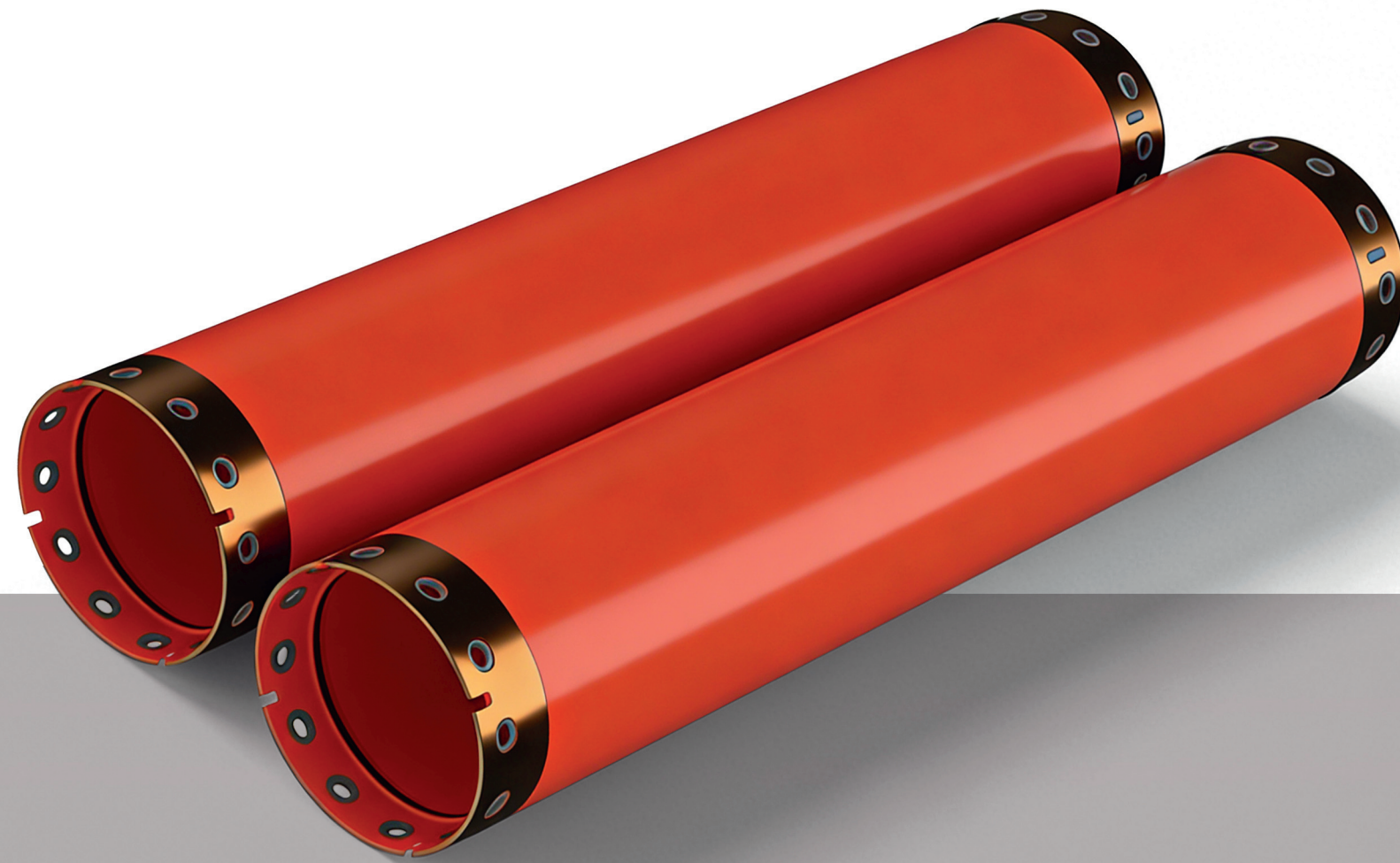
Double head
single flight
straight auger



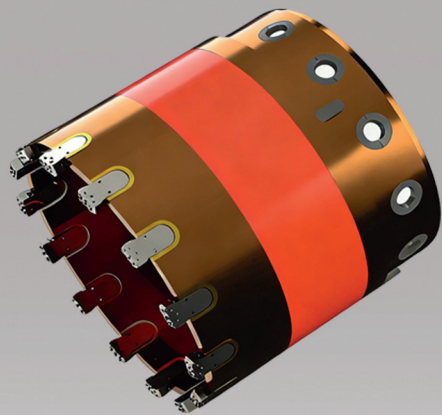
Double head
single flight
conical auger

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



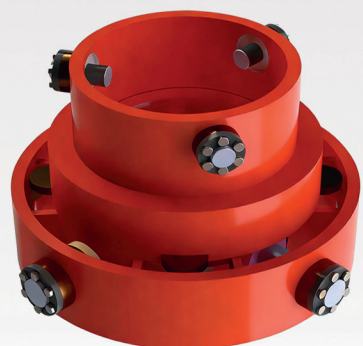
CASING JOINT



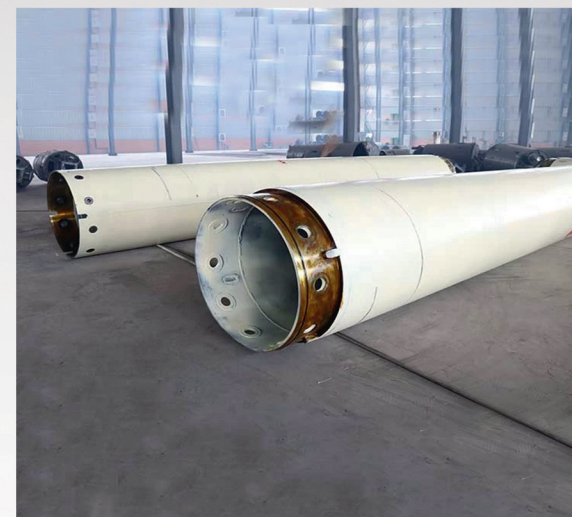
CASING DRIVER



CASING DRIVER



CASING ADAPTOR





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



BULLET TEETH



WELDING BAR



SOIL TEETH



BFZ70



BFZ72



BFZ65



C31



B43



B85/2



WS39