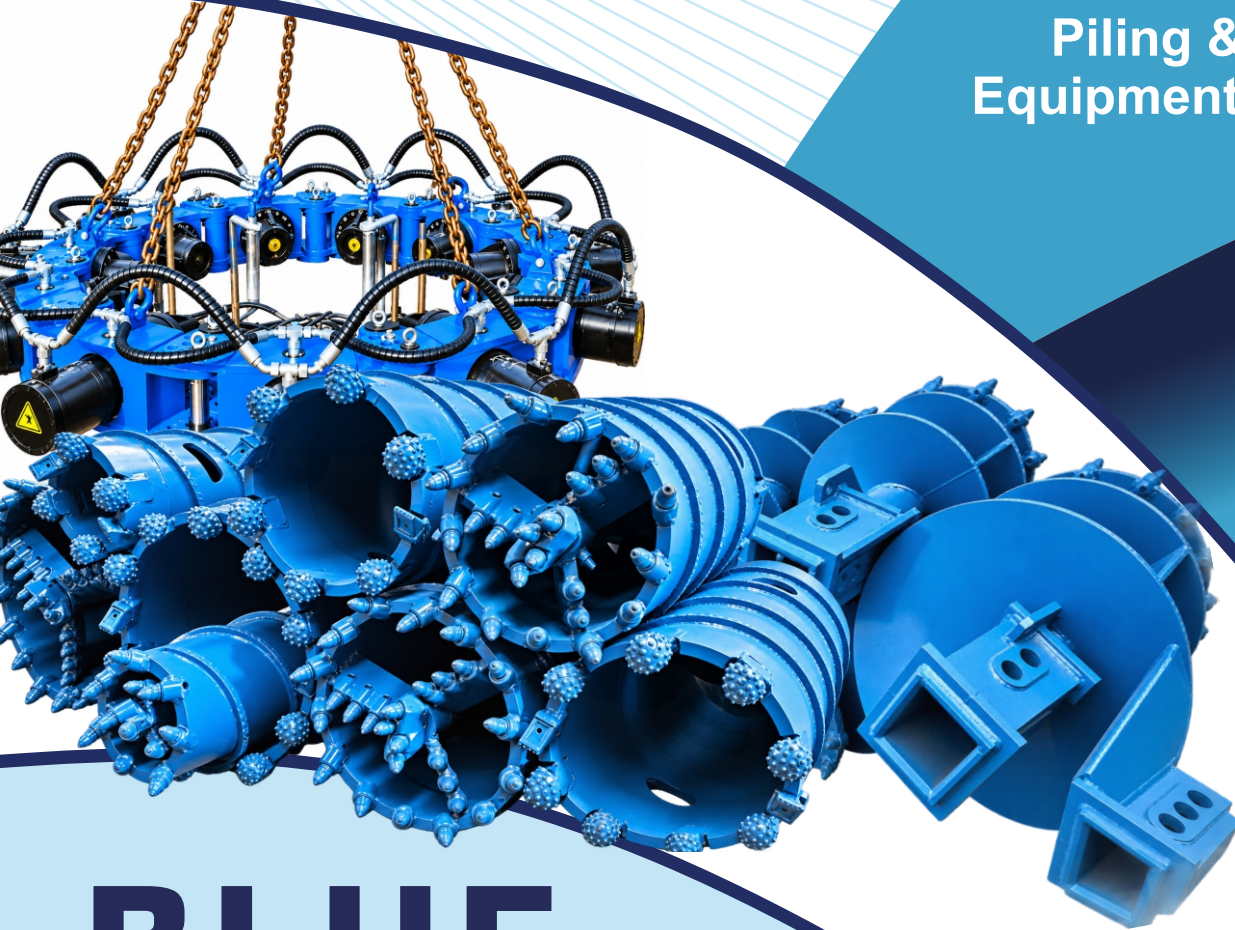




“Your Partner in
Piling & Heavy
Equipment Solutions”



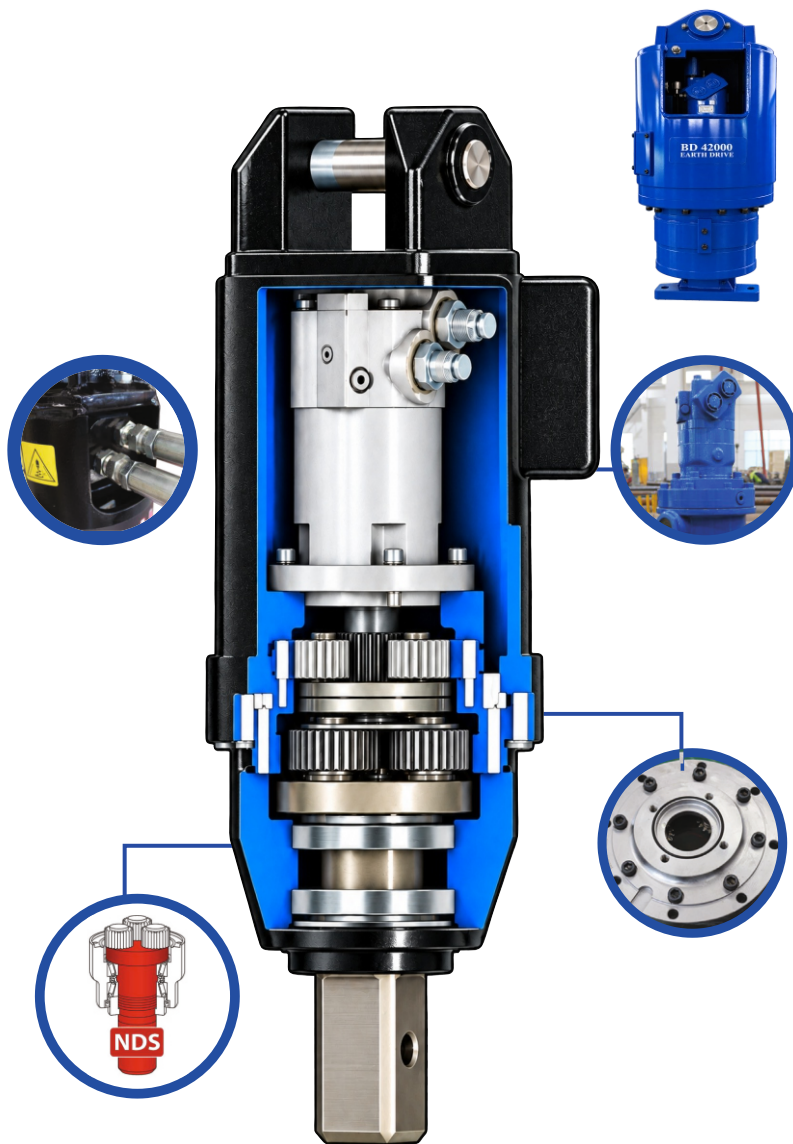
BLUE DIAMOND

HEAVY EQUIPMENT & MACHINERY SPARE PARTS TRADING LLC





**Warranty
For the
Entire Drive**



HIGH QUALITY HYDRAULIC MOTORS

EATON Motor provide stable and high torque power output. The failure rate is only 0.2%.

Auger Drive

HOSES AND ADAPTORS

All Auger drives come standard with high quality hoses and adaptors (excludes larger units. QRC's not included).

NON-DISLODGE MENT SHAFT

The Non-Dislodgement Shaft is a single piece drive shaft assembled top down and locked into the Earth Drill housing. This design guarantees that the shaft will never fall out, making for a safer work environment, not only for the operator but also any surrounding workers, a **MUST-HAVE FEATURE** for any safety conscious company.

FORGED HOOD EARS

Standard with all Auger Drives in areas that we know will take a lot of strain. All hood pins are locked for extra safety making it impossible for the hood to detach from your hitch.

EPICYCLIC GEARBOX

Torque is amplified by using the unique planetary gearbox. This system allows the motor's output torque to be multiplied with extreme efficiency as well as ensuring the durability and reliability you need.



MODEL	BD4500	BD8000	BD25000	BD42000	BD65000
TORQUE (NM)	1,590-4,218	2,772-8048	16,790-24949	24,845-42,318	34,560-62,197
OIL PRESSURE (Bar)	80-240	80-240	160-250	180-310	240-350
OIL FLOW (lpm)	38-76	61-136	90-180	80-170	100-280
SPEED (rpm)	32-64	29-64	16-30	9~20	9~25
UNIT HEIGHT(mm)	700	850	930	1210	1450
UNIT DIAMETER(mm)	244	269	290	406	406
UNIT WEIGHT(kg)	71	115	280	440	490
HITCH OPTION	SINGLE PIN	SINGLE PIN	SINGLE PIN	SINGLE PIN	SINGLE PIN
	DOUBLE PIN	DOUBLE PIN	DOUBLE PIN	DOUBLE PIN	DOUBLE PIN
OUT PUT SHAFT	65 ROUND	75 SQUARE	75 SQUARE	110 SQUARE	110 SQUARE
AUGER RANGE	S4	S5	S5/S6	PA	PA
DRILLING DIAMETER (mm)	100-900	150-900	150-900	300-1500	300-2000
DEPTH	SOFT 4-M @100-600MM DIA	SOFT 12-M @100-200MM DIA	SOFT 6-M @100-800MM DIA	SOFT 12-M @300-1500MM DIA	SOFT 12-M @300-2000MM DIA
DEPTH	MEDIUM 3.4-M @100-600MM DIA	MEDIUM 6-M @150-400MM DIA	MEDIUM 4-M @150-600MM DIA	MEDIUM 8-M @300-1000MM DIA	MEDIUM 10-M @300-1200MM DIA
PARENT MACHINE (T)	3-7ton	5-20 ton	15-35ton	20-40 ton	22-50 ton



DEWATERING WELL POINT DRILLING / EARTHING ROD DRILLING

Our auger drive attachment offers unparalleled flexibility and quality for dewatering well point drilling and earthing rod drilling applications. With an 18-month warranty on the drive, you can trust in its reliability. Compatible with drives like the 8000 with backhoe and 25000 plus PRV with 20-35 ton excavators, it ensures cost-effective availability and efficient performance, meeting your diverse project needs with ease.



PREDRILLING OF SHEET PILING

Our auger drive attachment excels in predrilling for sheet piling up to 12 meters with diameters ranging from 300mm to 600mm. Offering exceptional flexibility and quality, it comes with an 18-month warranty on the drive. Compatible with BD 42000 to BD 65000 options, with or without a goose neck, and suitable for 35-50 ton excavators, it ensures cost-effective availability and reliable performance for your projects.



LIGHT POLE FOUNDATION / MICRO PILE DRILLING

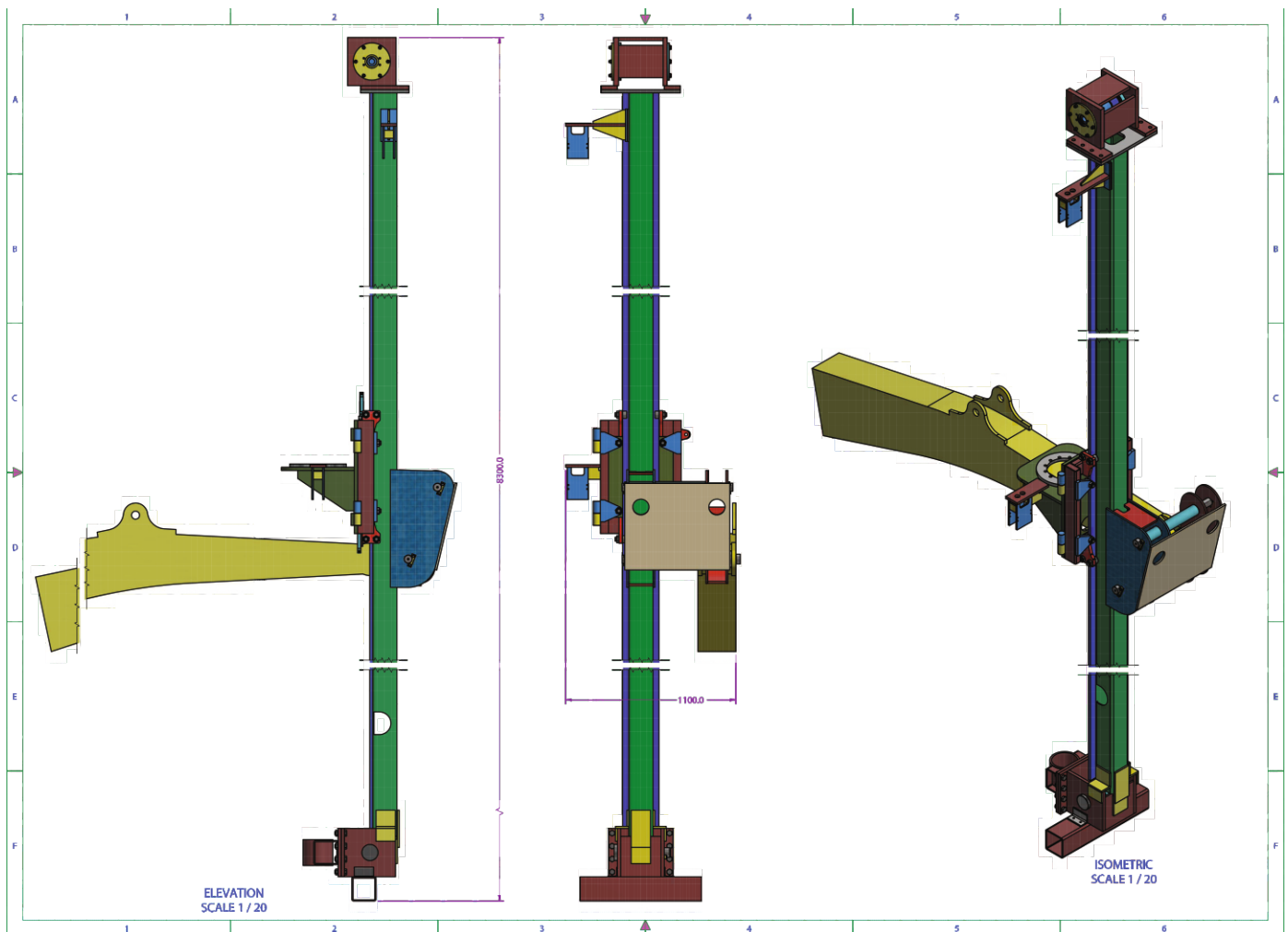
Our auger drive attachment is ideal for light pole foundation and micro piling drilling, accommodating diameters from 600mm to 1500mm. Engineered for flexibility and durability, it comes with an 18-month warranty on the drive. Compatible with BD 42000 to BD 65000 options, it ensures cost-effective availability and reliable performance with 35-50 ton excavators, adapting seamlessly to various ground conditions.

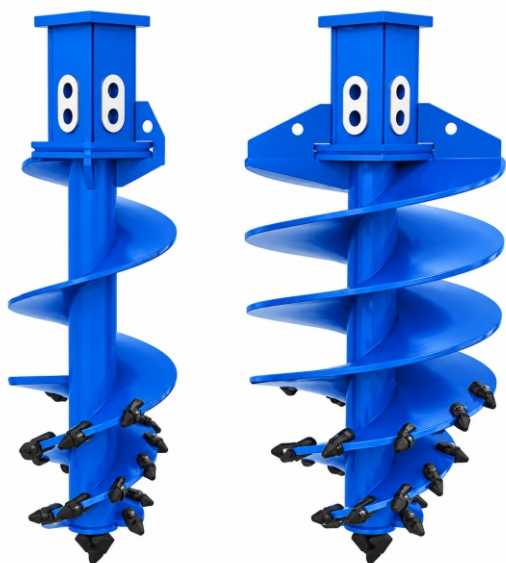


Well Point Drilling Mast

TECHNICAL SPECIFICATION FOR MAST ATTACHMENT

PARENT MACHINE	MODEL	RPM	TORQUE (N)	PULL UP KG	PUSH DOWN KG	DIAMETER RANGE	DEPTH ONE SHOT (m)
20 TON	MBA 8000	80-120	4000-5000	4000	3000	80-300	7
7-15 TON	MBA7000	70-100	3500-4500	3000	2800	80-150	6





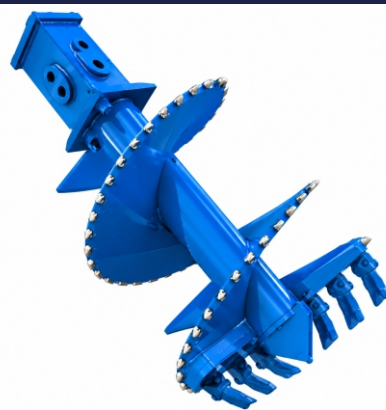
ROCK AUGERS

Premium rock augers, crafted in the UAE, guarantee top-notch quality and swift delivery. Perfect for challenging drilling conditions.

Discover our high-quality rock augers, expertly crafted in the UAE for superior performance. Designed for tough drilling conditions, these augers promise durability and efficiency. Enjoy quick delivery and exceptional service, ensuring your projects stay on track and on time.

SOIL AUGER

Experience the best with our premium rock augers, made in the UAE for superior durability and performance. Ideal for tough drilling conditions, we offer fast delivery and excellent maintenance support, ensuring your projects stay on schedule and run efficiently.



DRILLING BUCKET

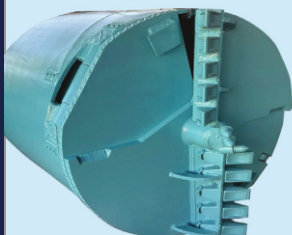
Our high-quality drilling buckets, crafted for durability and long life, are versatile enough for all types of machines. We offer a comprehensive range and ensure swift delivery, keeping your projects on track and



CASING ADAPTOR

Our casing adaptor for piling rig machines offers unmatched versatility and quality. Made in the UAE with top-grade materials, this adaptor guarantees durability and reliability. We offer quick delivery and customization options to meet your specific project needs.

Our premium cleaning buckets are designed for durability and long life, compatible with various machines and auger drives. We offer swift delivery and exceptional versatility, ensuring efficient operation across different projects



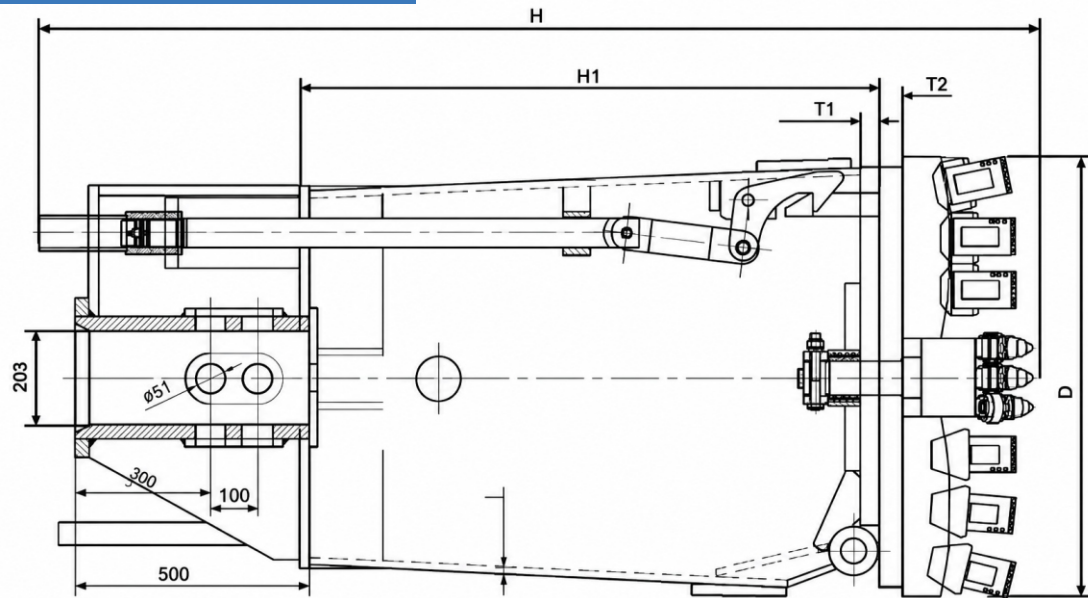
CLEANING BUCKET

Explore our top-tier core barrels crafted with high-quality consumables, including tricone bits and BK 47. Available in a wide range of diameters, our core barrels are delivered promptly to meet your project needs. Experience superior performance and reliability with our premium products



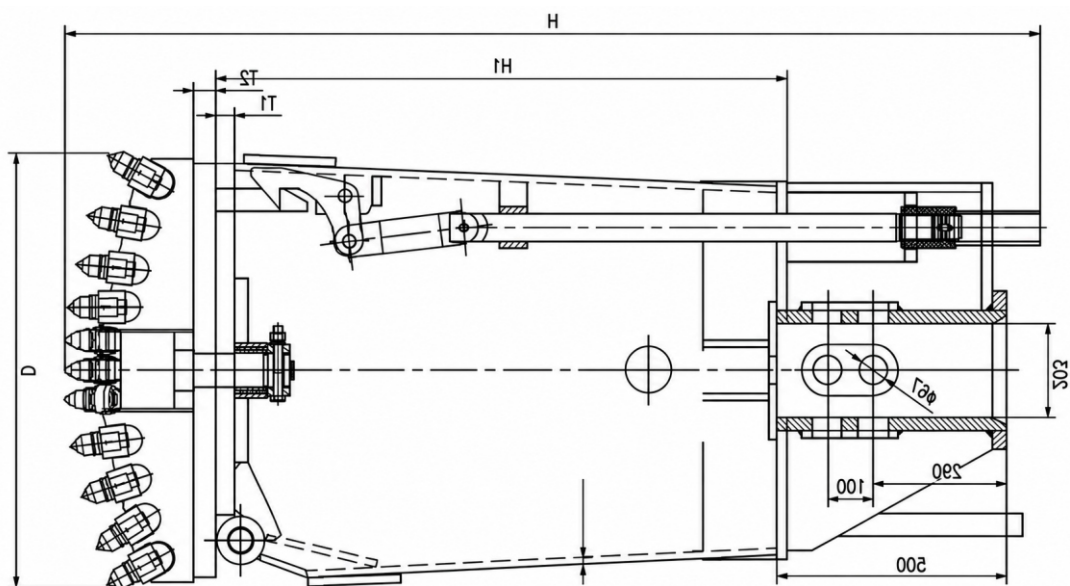
CORE BARREL

1. Bucket(BFZ80 teeth)



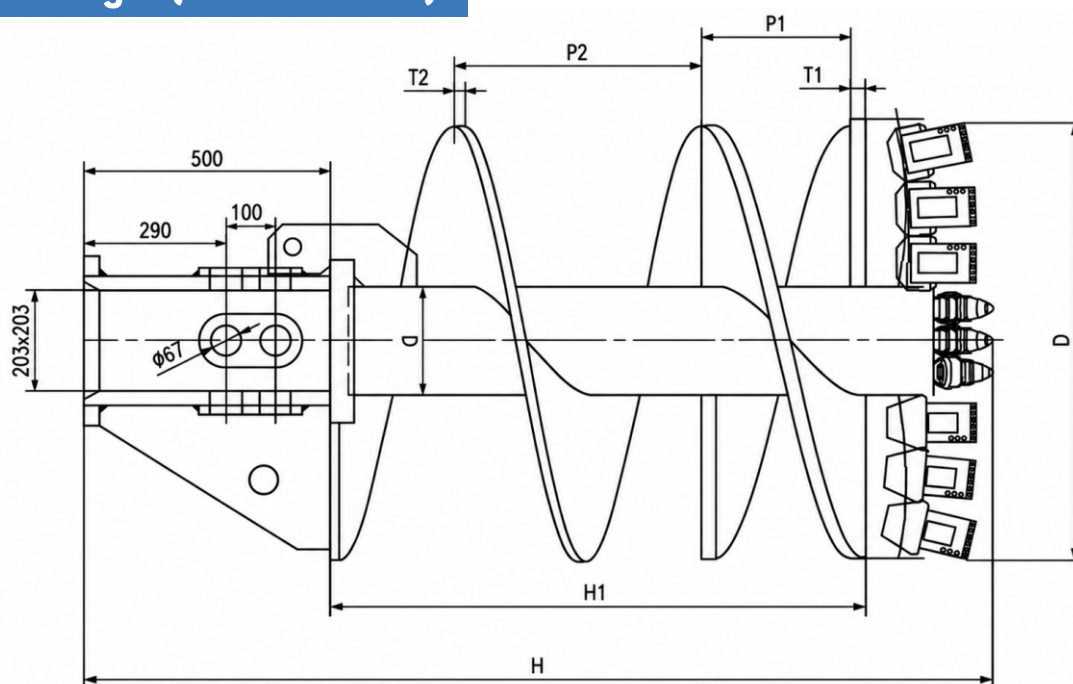
Diameter D	Wall Thickness Y	Chassis cutting disc T1/T2	Bucket Height H1	Total Height H	Centre teeth B47	BFZ 80 teeth	Skirt edge teeth B47	Remark
1160	20	40/50	1200	2150	3	8	2	Automatic Opening BFZ80/70 teeth
960	20	40/50	1200	2150	3	6	2	
860	20	40/50	1200	2150	3	6	2	
760	20	40/50	1200	2150	3	4	2	
660	20	40/50	1200	2150	2	4	2	
560	20	40/50	1200	2150	2	4	0	

2. Bucket(B47 teeth)



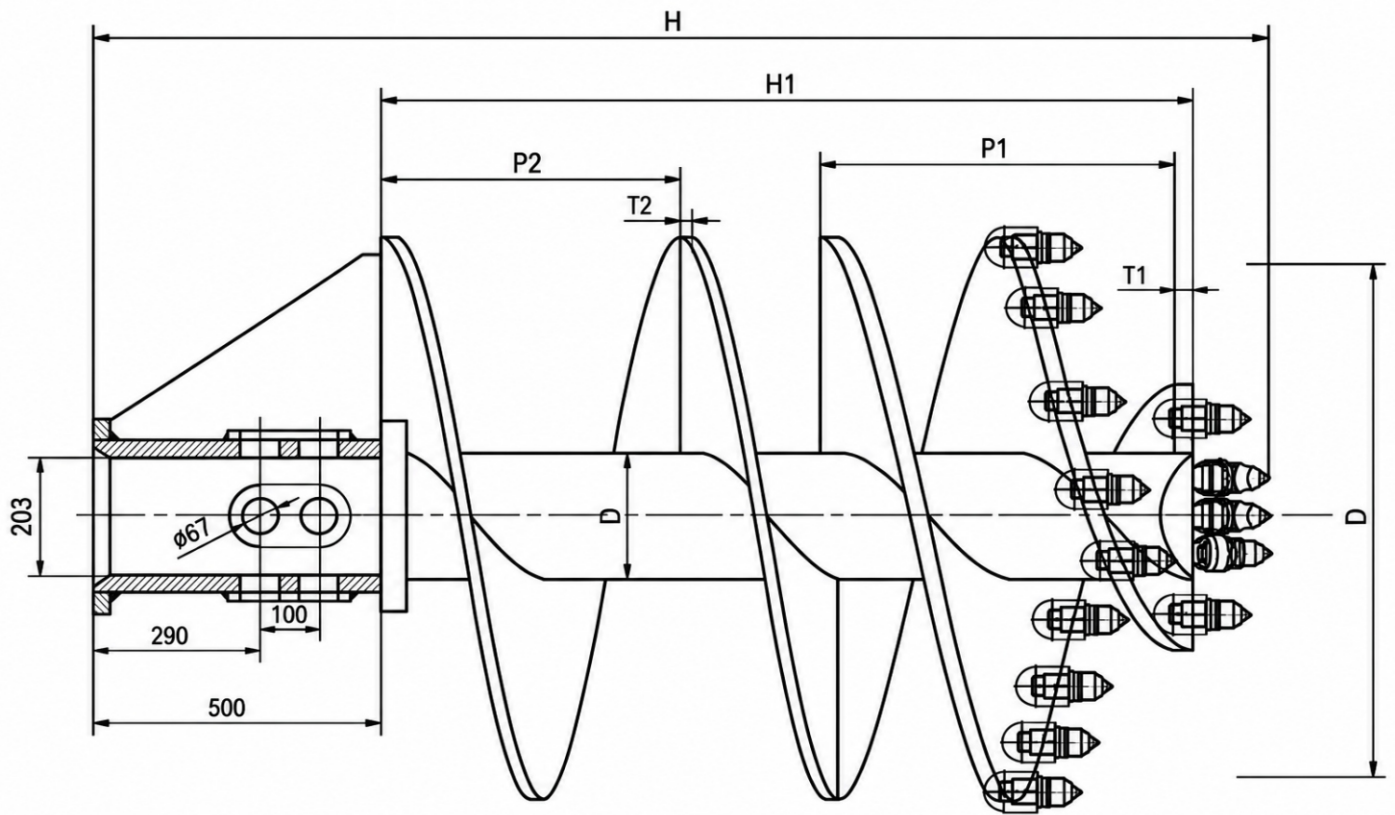
Dia meter D	Wall Thick-ness Y	Chassis cutting disc T1/T2	Bucket Height H1	Total Height H	Centre teeth B47	Side teeth B47	Skirt edge teeth B47	Remark
1160	20	40/50	1200	2150	3	12	2	Automatic Opening
960	20	40/50	1200	2150	3	10	2	
860	20	40/50	1200	2150	3	8	2	
760	20	40/50	1200	2150	3	6	2	
660	20	40/50	1200	2150	2	6	2	
560	20	40/40	1200	2150	2	4	0	

3. Flat Auger (BFZ80 teeth)



Diameter D	Wall Thick-ness d	Blade Tickness T1/T2	Screw pitch P1/P2	H1	H	Centre teeth B47	BFZ 80 teeth	Skirt edge teeth B47	Re-mark
1160	Ø 219x30	30/20	300/600	1500	2300	3	8	2	BFZ80 teeth
960	Ø 219x30	30/20	300/600	1500	2300	3	6	2	
860	Ø 219x30	30/20	300/600	1300	2100	3	6	2	
760	Ø 219x30	30/20	300/600	1500	2300	3	4	2	
660	Ø 219x30	30/20	300/600	1500	2300	2	4	2	
560	Ø 219x30	30/20	300/600	1500	2300	2	4	0	BFZ70 teeth

4. Conical auger (B47 teeth)



Diameter D	Pipe Body Diameter d	Blade Thickness T1/T2	Screw pitch P1/P2	H1	H	BFZ 80 teeth	Skirt edge teeth B47
1160	Ø 219x30	40/20	600/400	1400	2050	3	24
960	Ø 219x30	40/20	600/400	1400	2050	3	22
860	Ø 219x30	40/20	600/500	1600	2250	3	20
760	Ø 203x30	40/20	600/400	1400	2050	3	20
660	Ø 203x30	40/20	600/400	1400	2050	3	16
560	Ø 203x30	40/20	600/400	1400	2050	3	16

Tremie System 6/8/10 Inches

Hopper



Lifting Cap



Flushing Head



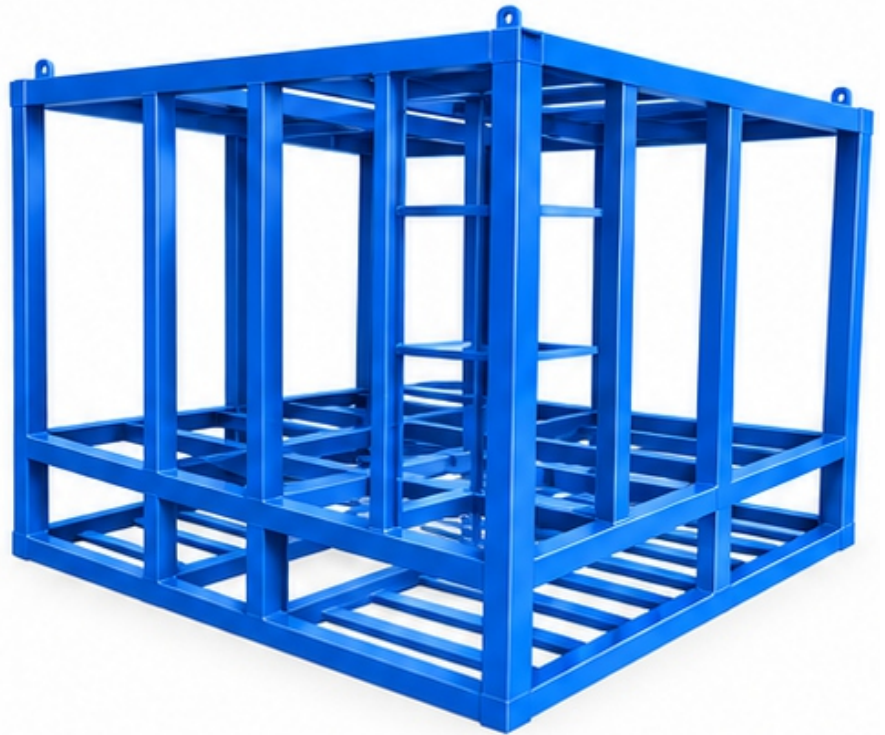
Tremie pipe with cables



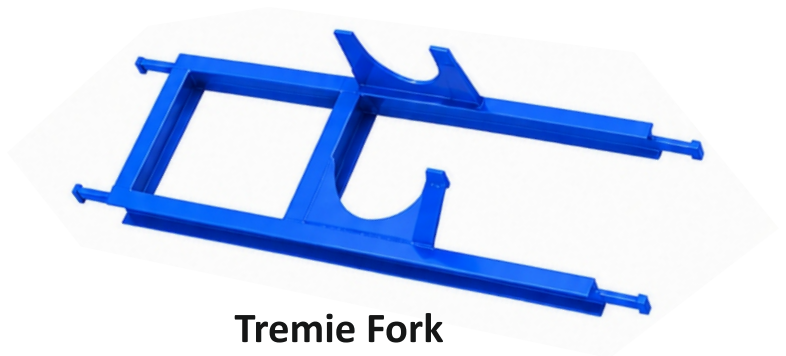
Male Joint



Female Joint



Tremie Stand



Tremie Fork

SP800-7-9 pile breaker



1	Model	Unit	SP800
2	Moduld number	modules	9
3	Range of pile breaker	mm	1050-1200
4	Max force for single rod	KN	650
5	Max stroke of hydraulic cylinder	mm	215
6	Pressure of hydraulic cylinder	Mpa	32-35
7	Max flow for single cylinder	L/min	25
8	Max height for each crush	mm	\$300
9	Suitable carrier	T	27
10	Single moulde weight	kg	380
12	Total pile breaker weight	kg	3480

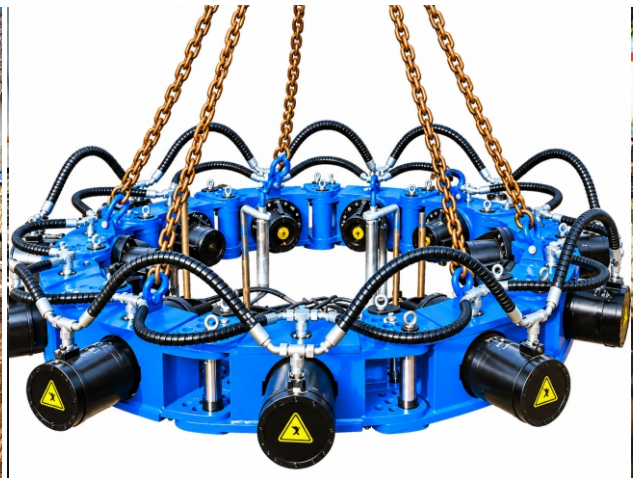


1	Model	Unit	SP800 (Heavy duty)							
2	Moduld number	modules	6	7	8	9	10	11	12	13
3	Range of pile breaker	mm	500-600	650-800	850-1000	1050-1200	1250-1400	1450-1600	1650-1800	1850-2000
4	Suitable carrier	T	20	22	26	27	30	32	35	36
5	Total pile breaker weight	kg	2335	2720	3100	3480	3860	4240	4620	5000
6	Height of single crush pile	mm	300	300	300	300	300	300	300	300

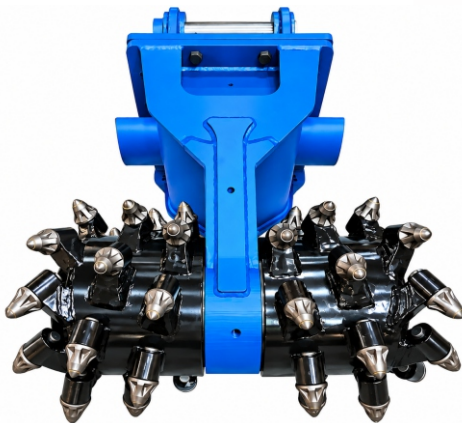
Excavator Attachment



Pile Driver



Hydraulic Pile breaker



Drum Cutter



Pulveriser



Auger drive



hydraulic rock breaker

BENTONITE MIXER



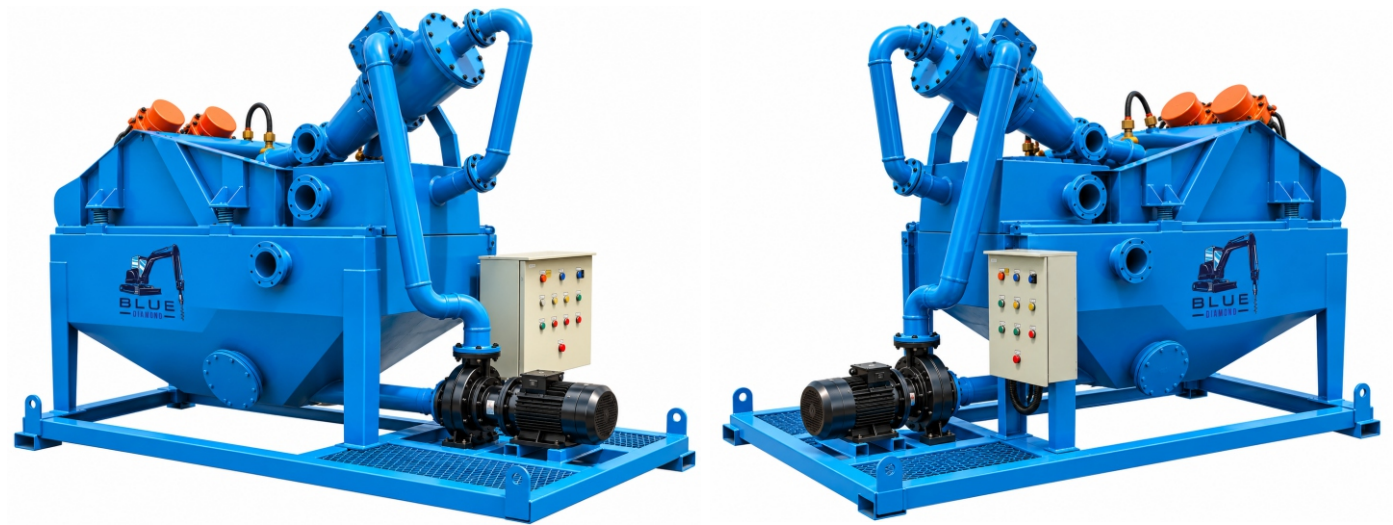
TYPE		XE 1000 E	XE 1500 E	XE 1800 E	XE 2000 E
Tank capacity	[m3]	1,2	1,8	2,0	2,2
Output	[m3/h]	10/15	15/18	18/20	20/22
Pump delivery	[m3/h]	200	200	200	200
Electric Motor	[Kw]	11	11	11	11
Length	[m]	2,2	2,4	2,4	2,4
Width	[m]	1,6	1,6	1,6	1,6
Height	[m]	1,2	1,35	1,55	1,75
Weight	Kg	850	950	1.050	1.050

SUBMERSIBLE SLURRY PUMP

Model	HP	OUTLET SIZE	SOLID SIZE	FLOW IN LPM	HEAD IN METERS											SHUT OFF
					6	8	10	12	14	16	18	20	22	24	26	
JBSL 15/6	15	150	70		6400	6000	5200	4200	3000	900						18
JBSL 20/6	20	150	70			6480	5820	5300	4500	3240	1920	1400				23
JBSL 25/6	25	150	80		7500	7200	6900	5880	4920	4000	2100					22
JBSL 30/6	30	150	80			7700	7200	6600	6100	5200	4000	2600				24
JBSL 40/6	40	150	80				7500	7200	6900	6400	5900	5100	4400	3000	1400	29



BENTONITE DECENDER

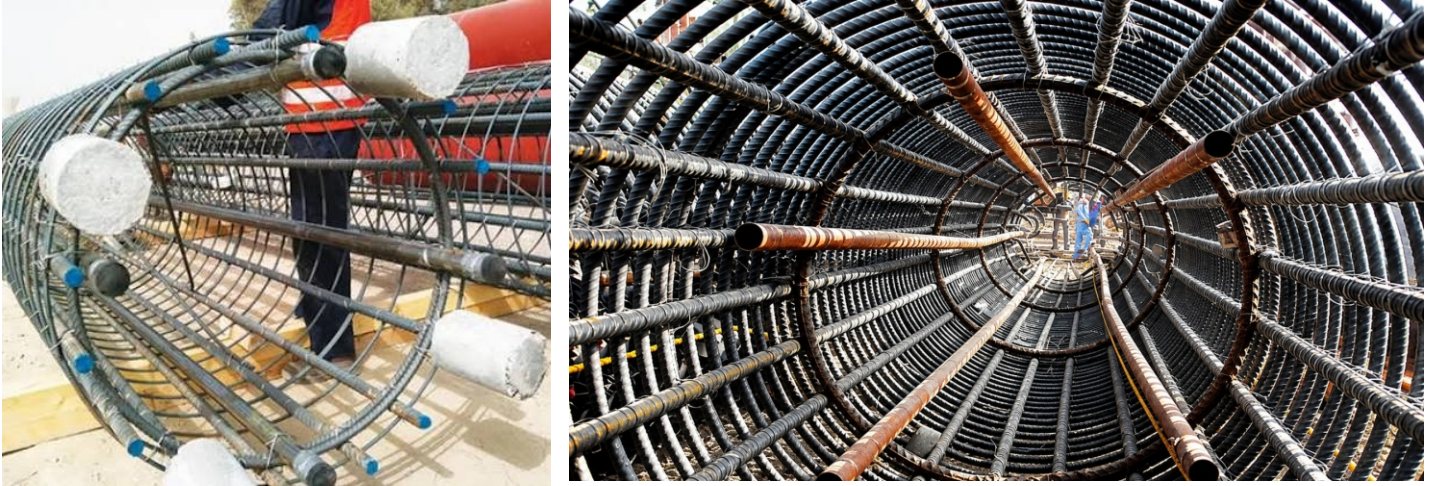


Model	XEZS752E-DM	XEZS703E-HB	XEZS703E-DZ	XEZS594E-HB	XEZS594HGE-LD
Vibration Mode	Linear Motion				
Capacity(m ³ /h)	45(200GPM)	120(528GPM)		140(616GPM)	
Vibration Motor(Kw)	2×0.75	2×1.72			2×1.94

BENTONITE / WATER TANK



Push Type Sonic Pipe for CSL Testing

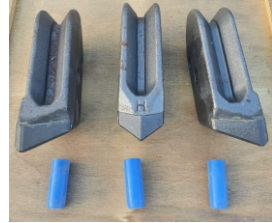
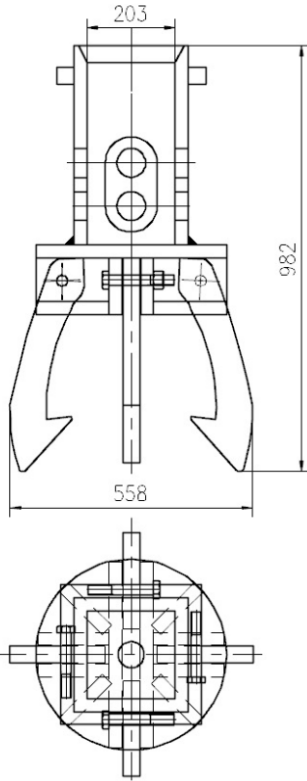
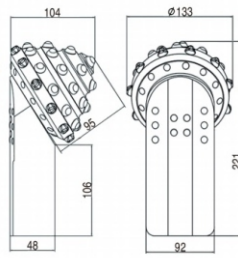


Description

- 1) Sonic tube 50 MM OD x 5.8M Long x 1 MM Thk Long Bell mouth end + Joint Rubber Gasket + Fixing Ears)
- 2) Sonic tube 50 MM OD x 5.8M Long x 1MM Thk Long Bell mouth end + JointRubber Gasket + Fixing Ears) with MSEnd Caps

Consumable





WELL POINT / DEEP WELL DRILLING MACHINE



BLUE DIAMOND
HEAVY EQUIPMENT & MACHINERY SPARE PARTS TRADING LLC

Al Sinyar Business Center 104,105,
Al Quasais, Dubai United Arab Emirates
Tel : 043472422 | Fax : 043472250

☎ +971 52 984 9687 / +971 58 577 3575
✉ info@augerpillingtools-bd.com
bluediamondheas@gmail.com
fahad@augerpillingtools-bd.com