

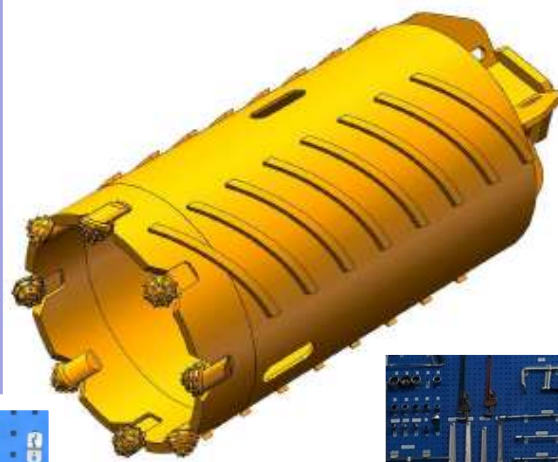


天津奇有机械有限公司

TIANJIN QI YOU MACHINERY

产品目录

Product catalog



Company Profile

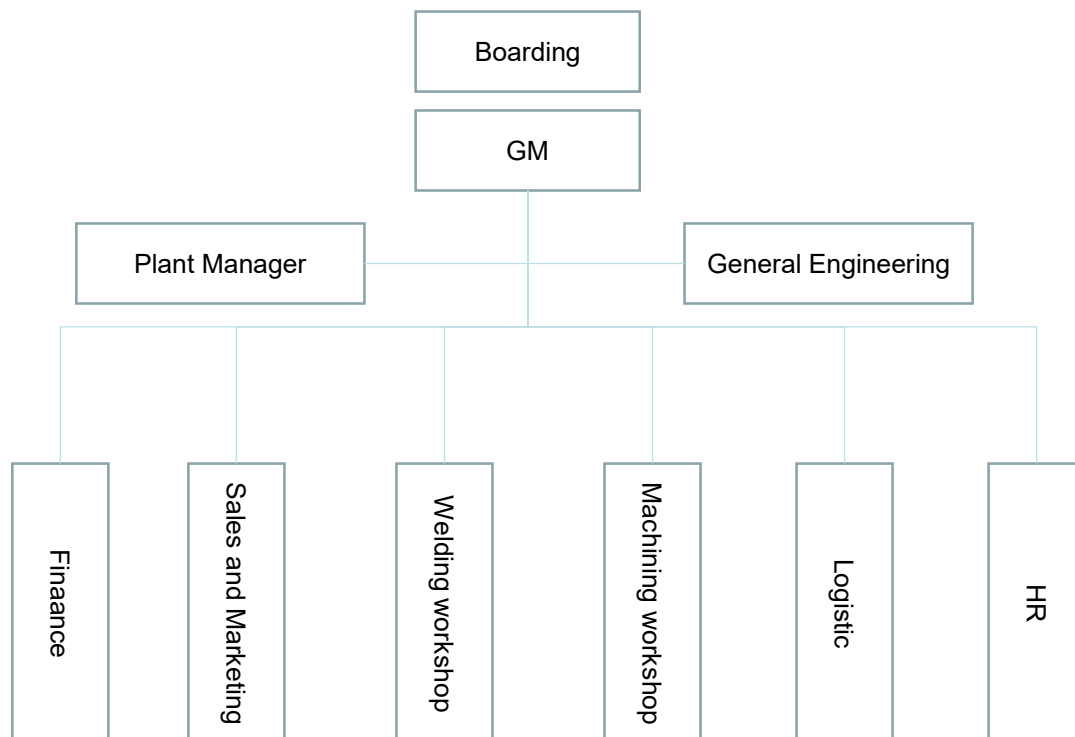
Tianjin Qiyou Machinery Co., Ltd. is located in the scenic Xi Qing District of Tianjin City, and manufacture partner in Tangshan, mainly producing and manufacturing a variety of casing oscillator, rotary drilling tools, casings, Kelly bar, cutter wheel, gearboxes, focusing on the foundation equipment aftermarket.

Manufacture factory covers an area of more than 2,000 square meters, the existing registered staff of more than 20 people, with all kinds of management and professional and technical personnel, technical workers.

Factory has a variety of welding machine processing equipment, including gas protection welding machine; Submerged arc welding machine, Laser cutting machine, rolling machine, lathe, can meet the quality requirements of various spare parts of drilling rig, Cutter and series of drilling tools, casings, kelly bars, casing oscillators.

The company integrates production, learning and research, relying on the technical system of BAUER, and independently develops drilling rig accessories that are more suitable for market.

The welding quality is controlled by the international welding quality ISO3834 system, which is guided by international welding engineers and supervised by senior technicians.



Enterprise spirit:
quality products, temperature service

Enterprise tenet:
fine management, professional manufacturing

Company Profile

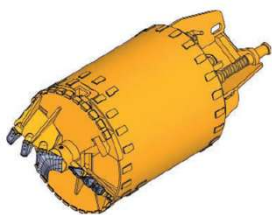
	
营业执照	
	
统一社会信用代码 91120116MAC6N34L3M	
名称	天津奇有机械有限公司
类型	有限责任公司
法定代表人	张旭宏
经营范围	一般项目：机械设备销售；机械设备租赁；工程管理服务；电气设备安装；金属制品销售；橡胶制品销售；五金产品批发；技术服务、技术开发、技术咨询、技术交流、技术推广；机械零件、零部件销售。（除依法须经批准的项目外，凭营业执照依法自主开展经营活动）
注册资本	伍拾万元人民币
成立日期	2023年03月09日
住所	天津滨海高新区华苑产业区海泰华科三路1号6号楼-908-1
登记机关	天津滨海高新技术产业开发区市场监督管理局
日期	2023年03月09日

说明：
1、本营业执照于2023年04月03日12时35分36秒由张旭宏(法定代表人)留存(打印)
2、数字签名：ADBFAEAT1ZHBXkUhtGawJmMG4eLZQOK/Bj0Mkyasmb8ACIGY0WUxIqIXaNNWZ+5KJlq0HROtgCHGOD3NqBURlWwA

国家企业信用信息公示系统网址：<http://www.gsxt.gov.cn>

国家市场监督管理总局监制

双开捞砂斗 Drilling bucket



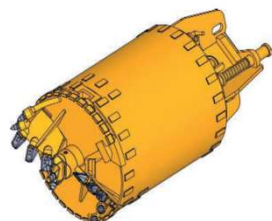
KB-2

Features:

fishtail pilot
flat teeth FZ
vent pipe

Soil:

sand and gravel up to dense,
silt and clay under water



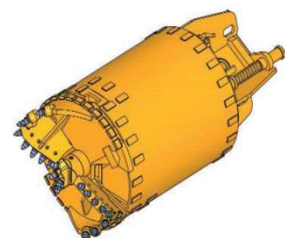
KB-K2

Features:

same as KB2, except
R-Chisel pilot RP4
Collar Ring with RSC

Soil:

sand and gravel up to
very dense
weak rock up to max.20 MPa



KBF-K2

Features:

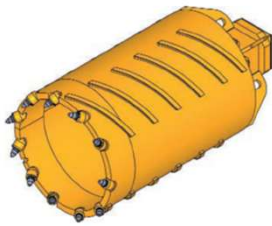
same as KB-K2,
except Cutting ledge
with RSC

Soil:

medium hard rock up to max.
80 Mpa

D	H	Weight	Teeth / Chisels			
			KB-2	KB-K2		KBF-K2
mm	mm	kg	FZ 72	FZ 72	RSC	RSC
800	1200	1010	4	4	4	6
900	1200	1120	5	5	4	8
1000	1200	1510	7	7	6	12
1200	1200	1625	8	8	6	16
1500	1200	2335	10	10	6	20
1800	1200	3410	12	12	6	24
2000	1200	4205	18	18	8	27
2200	1200	5065	18	18	8	29
2500	1200	6105	20	20	8	33
2800	1200	6710	23	23	8	35
3000	1200	7520	26	26	8	38

岩心桶钻 Core Barrels

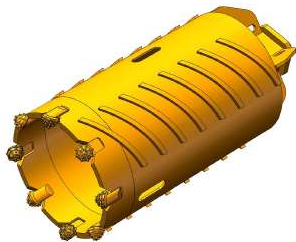


KR-R

Features: round shank chisels

Soil: rock up to max. 80 Mpa

KR-R core barrels fitted with round shank chisels are used in hard rock formations of up to max. 80 Mpa unconfined compressive strength. The annular groove width of the KR-R core barrel is 120 mm.



KR-RM

Features: Roller Bits

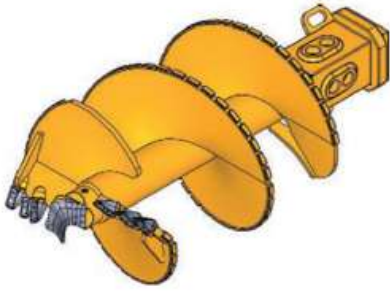
Soil: rock

KR-RM Core barrels fitted with roller bits are used in very hard rock formations in excess of about 80 Mpa unconfined compressive strength. KR-RM core barrels use rock roller bits for cutting the annular groove with a width of 110 or 160 mm.

D	Body height	Weight	RSC
KR-R			
mm	mm	kg	nos
580	1200	790	6
600	1200	830	6
700	1500	920	9
780	1500	1000	9
800	1500	1150	11
880	1500	1250	11
980	1500	1400	11
1000	1500	1430	11
1180	1500	1680	15
1200	1500	1700	15
1280	1500	1780	15
1480	1500	2130	15
1500	1500	2135	15
1780	1500	2685	25
1800	1500	2695	25
2000	1500	2920	28

D	Body height	Weight	110 mm
KR-RM Roller Bits			
mm	mm	kg	nos
580	1200	810	5
600	1200	850	5
700	1500	1520	5
780	1500	1680	6
800	1500	1240	6
880	1500	1350	6
980	1500	1550	8
1000	1500	1530	8
1180	1500	1720	10
1200	1500	1750	10
1280	1500	1830	12
1480	1500	2180	14
1500	2000	2420	14
1780	2000	2610	16
1800	2000	2660	16
2000	2000	2980	20

螺旋钻 Auger



SB-2

Features: fishtail pilot
Flat teeth FZ

Soil: sand and gravel up to
dense, silt and clay



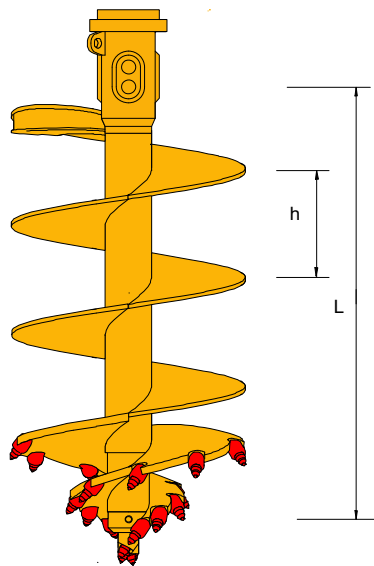
SBF-K2 (rock type with collar plate)

Features: same as SB-K2, except
Cutting ledge with R-chisels

Soil: medium hard rock up to max.
80 Mpa

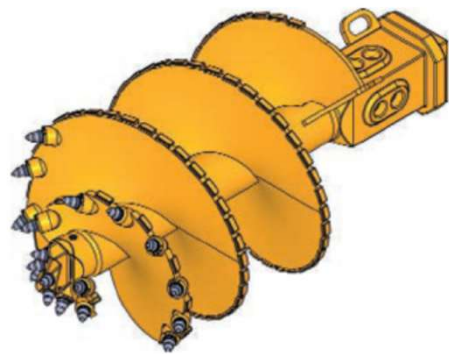
		SB-2		SBF-K2	SB-2	SBF-K-2
L (mm)		1455	2015	2015		
D	h	Weight			Teeth / Chisels	
mm	mm	kg	kg	kg	FZ 72	RSC
580	250	420	-	-	3	6
600	250	435	-	810	4	6
700	375	455	790	1000	4	8
780	375	490	820	1060	4	8
800	425	550	930	1110	6	8
880	425	675	1000	1135	6	9
980	450	820	1095	1260	7	10
1000	450	835	1125	1320	7	10
1180	550	880	1330	1520	8	12
1200	550	900	1390	1560	8	12
1280	550	1090	1435	1540	8	13
1480	600	1285	1825	2045	10	14
1500	620	1320	1840	2090	10	14
1780	800	1480	2195	2465	12	16
1800	800	1530	2245	2500	12	16
2000	800	1990	2470	2760	14	18

锥形短螺旋 Progressive Auger



SBF-P2

L (mm)		1455	
D	h	Weight	Chisels
mm	mm	kg	RSC
580	250	525	8
600	250	555	8
700	340	675	10
780	375	705	10
800	375	730	10
880	450	790	11
980	500	935	13
1000	500	975	13
1180	550	1125	15
1200	585	1145	15
1280	550	1210	18
1480	600	1455	20
1500	600	1490	20
1780	800	1780	24
1800	800	1800	24
2000	800	1980	28

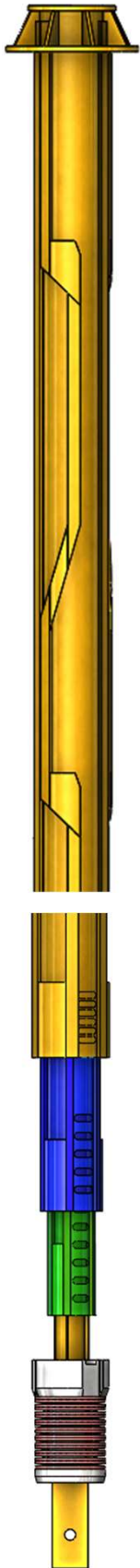


SBF-P2

Features: progressive shape with R-chisels
Pilot with R-chisels

Soil: hard rock up to max. 100 MPa

钻杆 Kelly Bar



MBK12/305/3

	Weight	Length (m)	Length (m)
	kg	transporation	full extended
MBK12/305/3/21	2930	8.9	21.2
MBK12/305/3/24	3290	10.7	24.2

BK25/394/4

	Weight	Length (m)	Length (m)
	kg	transporation	full extended
BK25/394/4/56	10100	17	59.5
BK25/394/4/54	11300	19	67.5

BK40/394/3

	Weight	Length (m)	Length (m)
	kg	transporation	full extended
BK40/394/3/42	10100	17	44.5
BK40/394/3/48	11200	19	50.5

BK28/419/3

	Weight	Length (m)	Length (m)
	kg	transporation	full extended
BK28/419/3/36	7200	15	38.3
BK28/419/3/39	7700	16	41.3

BK28/419/4

	Weight	Length (m)	Length (m)
	kg	transporation	full extended
BK28/419/4/48	10300	15	50
BK28/419/4/68	13300	20	70

BK40/470/3

	Weight	Length (m)	Length (m)
	kg	transporation	full extended
BK40/470/3/36	9850	17.5	39.2
BK40/470/3/48	10950	19.5	51.2

BK40/470/4

	Weight	Length (m)	Length (m)
	kg	transporation	full extended
BK40/470/4/64	15000	19.5	66.8
BK40/470/4/72	16500	21.5	74.8

Tools and spare parts



Tools and spare parts



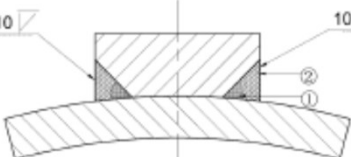
Kelly bar & spare parts



Personal qualification and quality control



International welding engineer

编号 serial No.:	焊接工艺规程		设计者 Designed: Zhu Jin La	
WPS—003	Welding procedure specification		批准人 Issued: Nick Zhang	
名称 Title	钢条与钢管角焊 Profile steel with pipe angle weld			
母材 1 管子 Base metal 1 pipe	材料 material	Q152/20MnV6		
	厚度/mm thickness	10		
母材 2 钢条 Base metal 2 profile steel	材料 Material	25CrMo4		
	厚度 /mm thickness	18		
焊材 Welding material	材料 Material	(E04B)ER70S-6		
	焊丝直径/mm Welding wire diameter/mm	1.2		
焊接示意图 Welding schematic drawing				
焊接参数 Welding parameters	焊接电压/V Welding voltage/V	焊接电流/A Welding current/A	气体流量/L/min Gas flux /L/min	焊接速度 cm/min Welding speed cm/min
焊接工艺 Welding craft				
1	32~34	280~300	14~16	50~60
2	32~34	280~300	14~16	34~38
焊前预热温度/℃ Preheat temperature	80~130			
焊后回火温度/℃ Temper temperature	130~180			

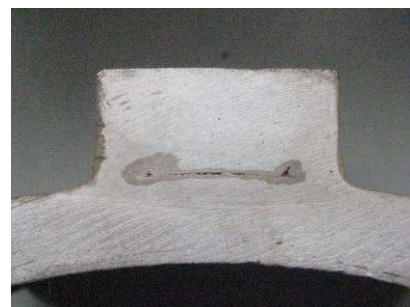
Welding Procedure Specification



Ultrasonic flaw detector



sclerometer



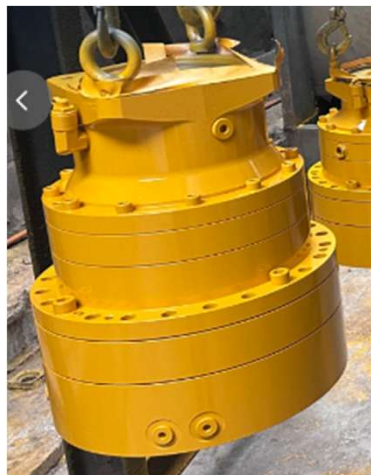
Cutter Wheel & Spare parts



Desander BE 250 spare parts



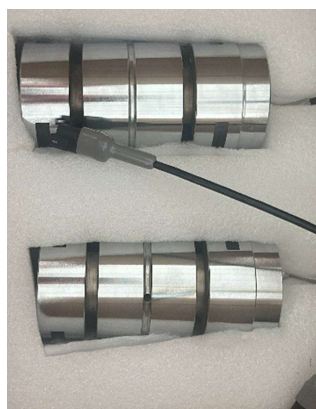
KDK & Spare parts



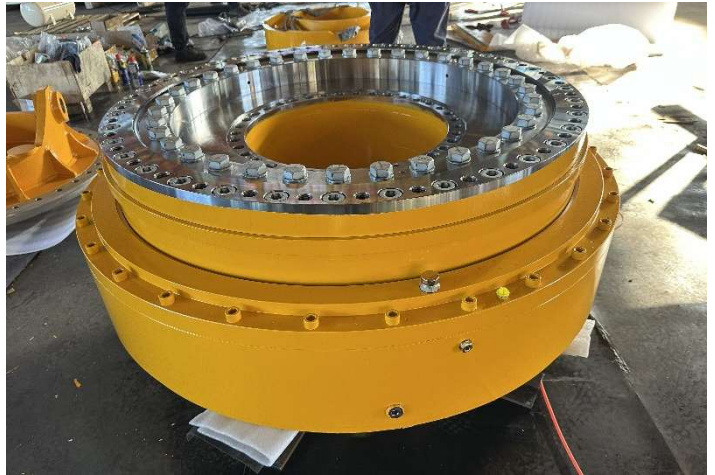
BG Mast , CFA & Trime pipe



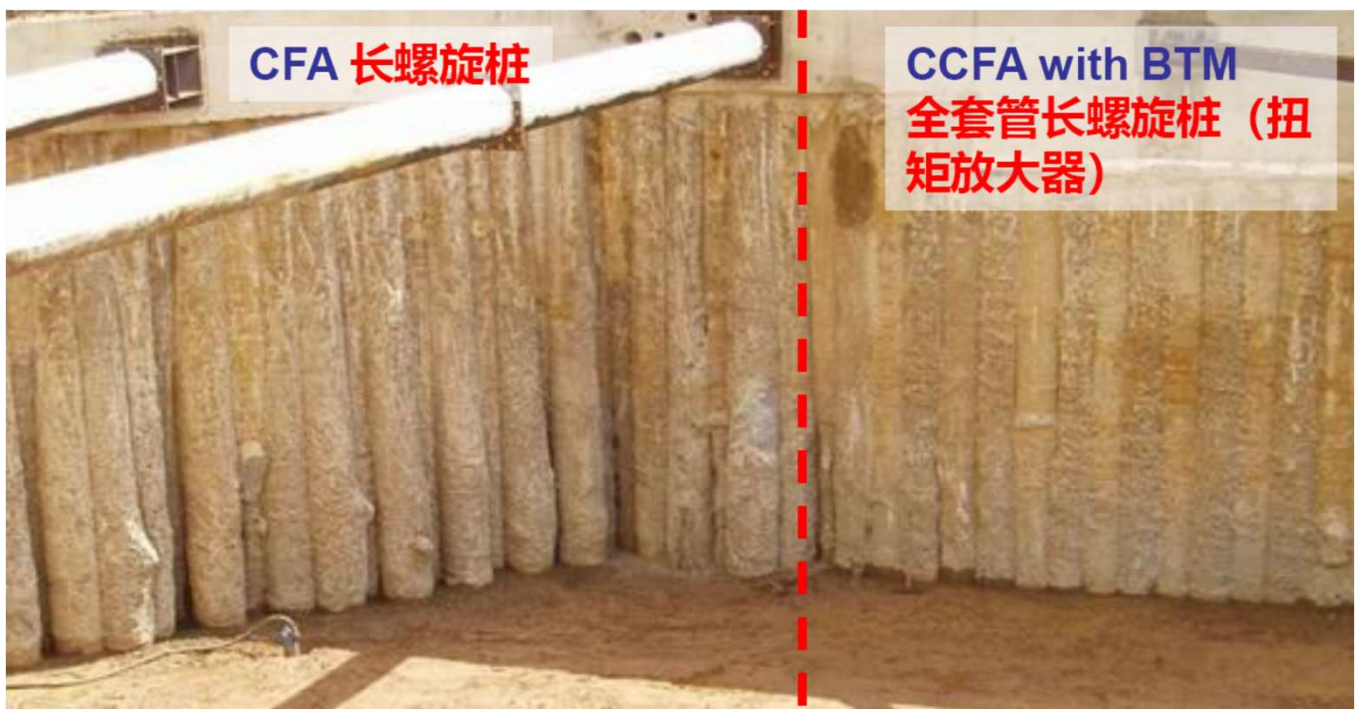
Spare parts for BG & BC



双动力头钻进增扭器 CCFA Double rotary Drilling BTM 400



Two counter-rotating rotary's drive auger and casing. The auger can be moved relatively to the casing. Sidewall support by the casing as well as by the pumped concrete. The vertical accuracy is enhanced due to the stiffness of the drill



RCO Casing Oscillator



RCO 1500 working
Moscow Metro station



RCO 1500 with XCMG Drilling rig



RCO 1500 with SANY Drilling rig



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