

Jerrell

Drilling Equipment & Accessories Catalog



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About Us

As a public company operating worldwide, Yantai Jerel Oilfield Services Group Co., Ltd. ("Jerel Group" SZ 002353) specializes in providing products, services and systematic solutions with great competitiveness and reliability in the fields of oil, gas and environmental management.

We concentrate on the challenges our customers face, which motivates us to keep cultivating our traditional areas and also to explore emerging businesses such as smart agricultural machinery, high-end disinfecting sprayer and intelligent environmental sanitation vehicle. Always look forward. Never give up. Nothing is impossible is where our infinite faith lies.

Sincerity is the cornerstone on which Jerel's culture is built from day one. It underpins all the work we do. While we actively and continuously create value for customers, we are contributing honesty, harmony and respect as well.

Today, more than 6,000 outstanding Jerel employees are working diligently in over 70 nations and regions. Together with our global partners, we are making a better world for all.



Truck Mounted Drilling Rig

Product Features

- Basic parameters, structural model, design and manufacture conform to API, IEC and other international general specifications.
- Customized design concepts can meet customer-specific functional requirements and are committed to providing one-stop solutions.
- The drilling rig utilizes the modular design, and its structure is compact.
- All supporting equipments and spare parts of the drilling rig can be provided separately.

Technical Parameters

Model	ZJ10CZ/ZJ10T	ZJ15CZ/ZJ15T	ZJ20CZ/ZJ20T	ZJ30CZ/ZJ30T	ZJ40CZ/ZJ40T
Max. Static Hook Load KN(lb)	1120(250000)	1350(300000)	1580(350000)	1800(400000)	2250(500000)
4-1/2" DP m(ft)	1000(3000)	1500(4900)	2000(6500)	3000(9800)	4000(13000)
5" DP m(ft)	800(2600)	1400(4600)	1800(5900)	2500(8200)	3200(10500)
Engine power kw(hp)	397(540)	397(540)	463(630)	397×2(540×2)	463×2(630×2)
Max. DW Input Power kw(hp)	330(450)	404(550)	478(650)	550(750)	735(1000)
Main Brake Model	Belt/Disc	Belt/Disc	Belt/Disc	Belt/Disc	Belt/Disc
Travelling System Rope Qty.	8	8	8	10	10
Wireline Diameter mm(in)	26(1)	26(1)	29(1-1/8)	32(1-1/4)	32(1-1/4)
Travelling Sheave Diameter mm(in)	760(30)	760(30)	760(30)	915(36)	1120(44)
Clear Height Of Mast m(ft)	33(108)	34(111)	35(115)	38(125)	39(128)
Substructure Height m(ft)	3.7(12)	4.5(14.7)	4.5(14.7)	6(20)	6.7(22)
Clear Height Of Substructure m(ft)	2.74(9)	3.5(11.5)	3.5(11.5)	4.9(16)	5.5(18)
Opening Diameter of Rotary Table mm(in)	440.5(17-1/2)	440.5(17-1/2)	520.7(20-1/2)	698.5(27-1/2)	698.5(27-1/2)
Power of Single Mud Pump kw(hp)	373(500)	597(800)	597(800)	735(1000)	956(1300)
Qty. Of Mud Pump	1	2	2	2	2
Drive type of chassis	10×8	10×8	12×8	14×8	14×10
Working Pressure Of Standpipe Mpa(psi)	25(3600)	35(5000)	35(5000)	35(5000)	35(5000)
Remark	CZ:Gear parallel drive self-propelled T:Trailer type				



Workover Rig

Product Features

- Can provide workover rig, flush by unit, RSU etc.
- Customized design concepts can meet customer-specific functional requirements.
- Basic parameters, structural model, design and manufacture conform to API, IEC and other international general specifications.
- All supporting equipments and spare parts of the rig can be provided separately.

Technical Parameters

Model	XJ150	XJ250	XJ350	XJ450
Max. Static Hook Load KN(lb)	500(110000)	700(150000)	900(200000)	1120(250000)
2-7/8" DP m(ft)	2600(8530)	3200(10500)	4000(13100)	5500(18000)
2-7/8" Tubing m (ft)	-	2000(6560)	3200(10500)	4500(14800)
Max. DW Input Power kw(hp)	110(150)	184(250)	257(350)	330(450)
Main Brake Model	Belt	Belt	Belt /Disc	Belt /Disc
Drawworks Shifts	5 forward+1reverse	5 forward+1reverse	5 forward+1reverse	5 forward+1reverse
Wireline Diameter mm(in)	22(7/8)	22(7/8)	26(1)	26(1)
Travelling System Rope Qty.	4	4	6	8
Clear Height Of Mast m(ft)	16(52)/18(59)	22(72)	32(105)	33(108)
Substructure Height m(ft)	-	2.2(7.2)	3.7(12)	3.7(12)
Opening Diameter Of Rotary Table mm(in)	-	440.5(17.1/2)	440.5(17.1/2)	440.5(17.1/2)

Model	XJ550	XJ650	XJ750	XJ1000
Max. Static Hook Load KN(lb)	1350(300000)	1580(350000)	1800(400000)	2250(500000)
4-1/2" DP m(ft)	7000(23000)	8500(27900)	-	-
5" DP m(ft)	5800(19000)	7000(23000)	8000(26200)	9000(29500)
Max. DW Input Power kw(hp)	404(550)	478(650)	550(750)	735(1000)
Main Brake Model	Belt /Disc	Belt /Disc	Belt /Disc	Belt /Disc
Drawworks Shifts	5 forward+1 reverse	5 forward+1 reverse	5 forward+1 reverse	5 forward+1 reverse
Wireline Diameter mm(in)	26(1)	29(1.1/8)	29(1.1/8)/32(1.1/4)	29(1-1/8)/32(1.1/4)
Travelling System Rope Qty.	8	8	10	10
Clear Height Of Mast m(ft)	34(111)	35(115)	38(125)	39(128)
Clear Height Of Substructure m(ft)	4.5(14.7)	4.5(14.7)	6(20)	6.7(22)
Opening Diameter Of Rotary Table mm(in)	440.5(17.1/2)	520.7(20.1/2)	698.5(27.1/2)	698.5(27.1/2)

Core Drilling Rig

Specifications		HYKD-3B	HYKD-4A	HYKD-5A	HYKD-8
Drilling Depth	BQ m	400	600	900	1600
	NQ m	300	480	750	1200
	HQ m	200	350	500	700
Rated Power Of Electromotor kw		45	55	75	55+55
Rated Rotary Speed Of Electromotor r/min		1480	1480	1480	1480
Rotary Speed r/min		0~1200	0~1200	0~1200	0~1200
Drill Head Rated Rotary Torque M.m		855	1000	1600	2400
Lifting Force/Feeding Force KN		60/30	90/90	90/90	135/135
Drill Head Feeding Stroke mm		1800	1800	1800	1800
Drilling Angle		0-180	0-180	0-180	0-180
System Pressure Mpa		25	28	32	32
Rope Dia. Of Wire-line Winch mm		6	6	6	6
Single-wire Hosting Capacity Of Wire-line Winch KN		8	12	12	15
Dimensions	Main Machine mm	3456*1290*1620	4220*1075*1740	4220*1075*1740	4000*1040*1840
	Power Unit mm	2530*1000*1550	2125*1140*1290	2125*1140*1290	2125*1140*1209
	Control Cabinet mm	870*450*1045	960*550*1050	960*550*1050	960*550*1050
Weight	Main Machine kg	1450	2200	2220	2900
	Power Unit kg	1140	1100	1200	1100+1100
	Control Cabinet kg	130	130	130	130



Specifications		HYDX-2	HYDX-4	HYDX-5A	HYDX-6	HCR-8
Drilling Depth	BQ m	500	1000	1500	2000	3000
	NQ m	350	700	1300	1600	2400
	HQ m	120	500	1000	1300	1700
	PQ m	-	-	-	1000	-
Power Unit	Qty set	5	1	1	1	1
	Rated Power Of Single Engine/Speed kw r/min	11/2500	132/2200	145/1900	179/2200	276/2100
Drill Head	Max. Spindle Torque N.m	330-900	4200	4650	6300	1300-7200
	Max. Spindle Speed rpm	0-1200	0-1100	0-1145	0-1100	0-1250
Feeding System(Feed With Hydraulic Cylinder)	Feeding Stroke mm	1800	3500	3800	3800	4700
	Lifting Capacity KN	50	150	150	2200	295
	Feeding Capacity KN	24.7	60	75	1100	152
Main Hoist	Lifting Capacity KN	20	57	77	120	120
	Lifting Speed m/min	84-165	-	-	-	-
	Rope Capacity m	30	50	60	60	60
	Steel Wire Diameter mm	14	16	18	22	22
Wire Line Winch	Lifting Capacity KN	8	12	12	15	15
	Lifting Speed m/min	96-255	-	-	-	-
	Rope Capacity m	500	1000	1500	2000	2800
	Steel Wire diameter mm	6	6	6	6	6
Mud Pump	Model	BW-100A	BW-150	BW-250	BW-320	BW-320

Note: we can also provide skid-mounted, turck chassis, crawler chassis



Mud Pump & Spare Parts

Mud Pump Mode	F-500	F-800	F-1000	F-1300	F-1600
Rated Power hp(kw)	500 (373)	800 (597)	1000 (746)	1300 (969)	1600 (1193)
Max. Working Pressure Mpa(psi)	27 (3915)	35 (5000)	35 (5000)	35 (5000)	35 (5000)
Max. Working Flow L/s (gpm)	35.67 (565)	38.92 (617)	40.36 (639)	46.54 (737)	46.54 (737)
Rated Stroke SPM	165	150	140	120	120
Stroke Length mm	191	229	254	305	305
Gear Ratio	4.286	4.185	4.207	4.206	4.206
Max. Liner Dia. mm	170	170	170	180	180
Lubrication	Force lubrication and splash lubrication				
Valve Cavity	API 5"	API 6"	API 6"	API 7"	API 7"
The following engine or motor can be selected for driving					
Engine Type	CAT C15	CAT C27	CAT 3512	CAT 3512C	CAT 3516
Engine Power kw(hp)	403(540)	597(800) 652(875)	765(1025)	1100(1475)	1230(1649)
Motor Power kw(hp)	400 (536)	600 (805)	800 (1073)	1000 (1341)	1200 (1609)



Liner



Ceramic Liner



Valve Assy



Piston Assy



Piston Rubber



Crosshead



Liner Thread



Pulsation Dampner
Bladder



Pulsation
Dampener



Module



Discharge Manifold



Piston Rod
Extension Rod



Valve Guides



Cylinder Cage



Flash Board Assy



Clamp Assy



Cylinder Head
Valve Cover



Head Plug



Safety Valve



Seal



Thread Liner Retainer



Wearing Plate



Valve Seat Pulier

Travelling Hook

The traveling block hook is a combination of a traveling block and a hook. It is a movable part of the lifting system of an oil rig. During drilling operations, it is mainly used to suspend water taps and drilling tools in the well to ensure normal drilling; Column, replace the drill bit, and when lowering the casing, the suspending drill tool completes the upper and lower buckle operations; when the drill is slightly stuck or obstructed, it can also be used to lift and lower to remove the stuck and eliminate the accident.

Type	DG170	DG225	DG315	DG450
Max.Hook Load KN(USton)	1700 (190)	2250 (250)	3150 (350)	4500 (500)
Major-hook Opening mm(in)	190 (7.5)	190 (7.5)	220 (8.7)	220 (8.7)
Spring Travel mm(in)	180 (7.1/8)	180 (7.1/8)	200 (7.7/8)	200 (7.7/8)



Type	YC170	YC225	YC315	YC450
Max.Hook Load KN(USton)	1700 (190)	2250 (250)	3150 (350)	4500 (500)
Number Of Sheaves	5	5	6	6
Outer Diameter Of Sheaves mm(in)	915 (36)	1120 (44)	1270 (50)	1524 (60)
Diameter Of Wire Line mm(in)	29 (1.1/8)	35 (1.3/8)	35 (1.3/8)	38 (1.1/2)

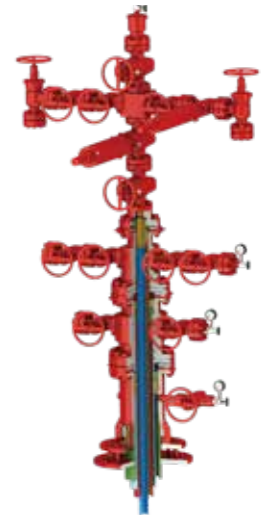


Type	YG135		YG160	YG170	YG225		YG350	YG450
Max.Hook Load KN(USton)	1350 (150)		1600 (180)	1700 (190)	2250 (250)		3170 (350)	4500 (500)
Number Of Sheaves	4		4	5	5		5	6
Outer Diameter Of Sheaves mm(in)	760 (30)	915 (36)	760 (30)	915 (36)	915 (36)	1120 (44)	1270 (50)	1524 (60)
Diameter Of Wire Line mm(in)	26 (1)	29 (1.1/8)	29 (1.1/8)	29 (1.1/8)	29 (1.1/8)	32 (1.1/4)	29 (1.1/8)	32 (1.1/4)
Major-hook Opening	150 (5.9)		220 (8.7)	200 (7)	190 (7.5)		220 (8.7)	200 (7.7/8)
Spring Travel	170 (6.7)		150 (5.9)	170 (6.7)	180 (7)		220 (8.7)	200 (7.7/8)

Wellhead & Well Control

Wellhead & Christmas Tree

Jereh supplies high quality wellhead products, such as, christmas trees, casing head, tubing head, and other auxiliary equipments suitable for land and offshore applications to explore, develop and produce oil. Our wellhead and christmas tree are designed, manufactured, tested conforming to API 6A with high quality standard as FMC wellhead or GE wellhead does.



Type	Size(in)	Rated Pressure psi(Mpa)	Material Class	Temp	PSL	PR
Christmas Tree	2.1/16 ~ 4.1/16	3000 ~ 15000 (20.7 ~ 103.5)	AA ~ HH	K ~ V,X	PSL1 ~ PSL3G	PR1 ~ PR2
Casing Head	9 ~ 21.1/4					
Tubing Head	5.1/8 ~ 13.5/8					
Frac Tree	5.1/8 ~ 7.1/16					

Surface Manifold

Jereh Surface manifold consists of the choke and kill manifold, desanding manifold, diverting manifold, and standpipe manifold, mainly used for drilling, logging and fracturing.

Type	Size(in)	Rated Pressure psi(Mpa)	Material Class	Temp	PSL	PR
Choke and Kill Manifold	2.1/16 ~ 4.1/16	3000 ~ 15000 (20.7 ~ 103.5)	AA ~ HH	K ~ V,X	PSL1 ~ PSL3G	PR1 ~ PR2
Test Manifold	2.1/16 ~ 4.1/16					
Frac Manifold	5.1/8 ~ 7.1/16					
Desanding Manifold	2.1/16 ~ 4.1/16					



Kill Manifold



Choke Manifold



Frac Manifold

Valve

Gate valve has important role in wellhead control system. Jereh supplies various gate valves in temperature classes L, P, R, S, T, and U specified in API 6A. Both manual gate valve and hydraulic gate valve, interchangeable with Cameron series, are available.

Type	Size(in)	Rated Pressure(psi)	Material Class	Temp	PSL	PR
Expanding Valve	2.1/16 ~ 7.1/16	3000 ~ 5000	AA ~ HH	K ~ V,X	PSL1 ~ PSL3G	PR1 ~ PR2
Gate Valve	1.13/16 ~ 7.1/16	3000 ~ 15000				
Frac Valve	5.1/8 ~ 7.1/16					
SSV	2.1/16 ~ 4.1/16					
Needle Choke Valve	2.1/16 ~ 3.1/16					
Barrel Choke Valve	2.1/16 ~ 3.1/16					
Cage Choke Valve	2.1/16 ~ 3.1/16					
Orifice Choke Valve	2.1/16 ~ 3.1/16					



Manual Gate Valve



Hydraulic Gate Valve



Choke Valve



Surface Safety Valve

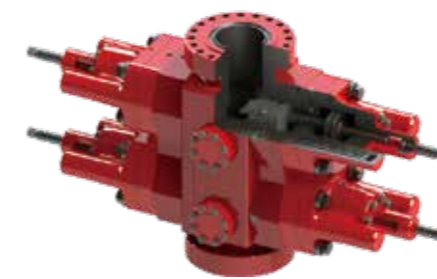
Surface Safety Valve

We can provide integrated wellhead, well control and choke kill systems. All of our blowout preventers, BOP hydraulic control systems, Integrated Equipment, meet the industry's best standards. Ram and Annular Blowout Preventers, meet all requirements of API 16A. All Wellhead Products are manufactured under Integrated Equipment's API 6A license.

BOP(Blowout Preventer)

BOP with hydraulic control is a key part of well control equipment. It's used for controlling wellhead pressure during well drilling, workover and testing etc., preventing well blowout effectively and realizing safe construction. BOP designed and manufactured according to API16A

Type	Working Pressure MPa(psi)	Bore mm(in)								
		180	230	280	350	430	480	530	540	680
Ram Bop ※ Annular BOP √	-	7.1/16	9	11	13.5/8	16.3/4	18.3/4	20.3/4	21.1/4	26.3/4
	140 (20000)	-	-	※	-	-	-	-	-	-
	105 (15000)	※	※	√ ※	※	-	※	-	-	-
	70 (10000)	√ ※	※	√ ※	√ ※	-	√ ※	-	※	-
	35 (5000)	√ ※	√ ※	√ ※	√ ※	√ ※	-	-	√ ※	-
	21 (3000)	√ ※	√ ※	√ ※	√ ※	√ ※	-	√ ※	√	※
	14 (2000)	-	-	√	-	-	-	-	√ ※	-



Ram BOP



Annular BOP



BOP Transposition



Drilling Spool



BOP Test Stump



Spare Parts

BOP Control System

The control system for surface mounted BOP (blowout preventer) stacks is special equipment, which is used to control BOP, hydraulic chock, kill system and diverter equipment, and indispensable equipment for blowout preventer during drilling or workover in petroleum and natural gas industry.



BOP Control System With Protection Room

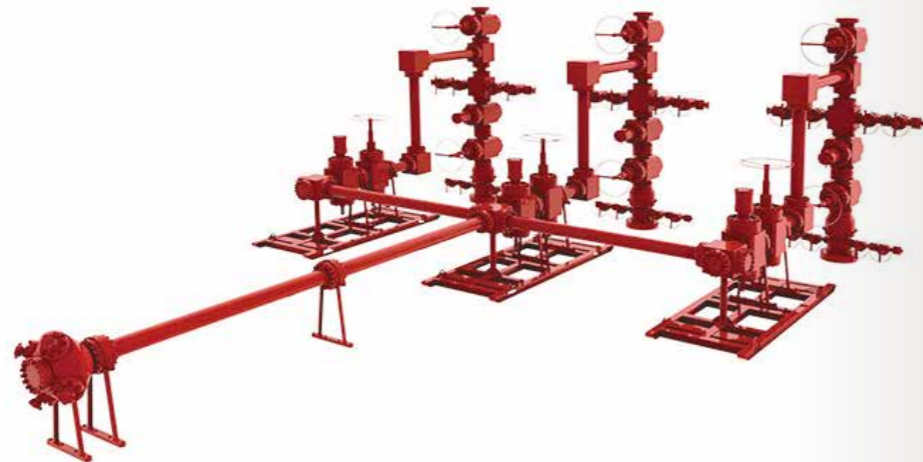
Control Panel

Test Unit

Drillers Panel

Frac System

The system has many advantages compared with conventional frac iron, including up to 75% fewer connectors, simplified hookup, and a smaller footprint. It uses industry-standard flanges with conventional tools and known recommended torque values—no sledgehammers are involved, minimizing the potential for impact damage. The larger diameter enables increased flow rate while mitigating erosive fluid velocities. The system arrives preassembled at the wellsite, reducing rig-up and rig-down times.



Flowline Products

Flowline parts with union connection on both ends, widely used for transporting high pressure flow in fracturing manifold, cementing manifold, servicing manifold and testing lines.

- Strictly controlled element content of raw materials and proper heat treatment process ensure the mechanical property.
- Various size options satisfy customer needs.

Rated Working Pressure Mpa(psi)	69.0 ~ 138.0 (10000 ~ 20000)
Nominal Size in	1.1/2, 2, 3, 4
Temperature Rating	PU, LU
Service	Standard, Sour Gas
Application	Fracturing, Cementing, Acidizing, Testing Lines



Pipe Products

Tubing & Casing

All types of casing and tubing which is in accordance with API 5CT and API 5B standards. According to customer's special requirements, We can also provide various self-research quality products of premium thread type and special materials, such as H₂S stress corrosion resistant, CO₂ corrosion resistant, high collapse resistant and deep well & ultra-deep well series.

Reference standards and technical specification: API SPEC 5CT, ISO11960, GB/T19830 and other technical specifications

Application: tubing is used for extracting oil , casing is used for supporting wall for oil well.

Type	Tubing	Casing	Pup Joint
Size(in)	1.05 ~ 4.1/2	4.1/2 ~ 20	1.05 ~ 20
Thread	NU, EU, IJ,Premium	SC, LC, BC,Premium	/
API Series Grades	J55,K55,N80,L80,C90,R95,T95,C110,P110,Q125,etc.		
Anti-Corrosion Grades	80S(S),90S(S),95S(S),100S(S),110S(S),110-3Cr,etc.		
Anti-Collapse Grades	80T(T),90T(T),95T(T),110T(T),125T(T),etc.		
Length	R1/R2/R3		

Vacuum Insulated Tubing

Vacuum Insulated Tubing (VIT) is necessary tool for steam injection to recover heavy oil. Inject steam by VIT, more heat can enter the oil layer and improve the dryness of steam at the bottom of the well, so as to achieve the production of heavy oil. Meanwhile, oil well casing and cement ring can be prevented from deformation and damage due to high temperature, and the service life of casing can be prolonged.

VIT is used in marine oil extraction to reduce heat loss, so as to improve productivity, and used in enhancing production of heavy oil, and used in steam assisted gravity drainage operations for oil sand, and it can be used in geothermal well and hot spring to transfer geotherm.

Parameter(mm)	178*124	139*101	139*88	114*76	114*62	88*50	73*40
Insulating Grade	DE	DE	DE	CDE	CDE	BCDE	BCDE
Length(m)	9 ~ 12						
Connection	BTC, Premium						
Running Depth(m)	1600 ~ 3500						

High Pressure Fiberglass Pipe

High pressure fiberglass line pipe are made of glass fiber roving as reinforcement, epoxy resin as the matrix material, molded by winding. It has characteristics of corrosion resistance, light weight, long service life, scaling or waxing resistance.

Type	High Pressure Fiberglass Line Pipe	High Pressure Fiberglass Tubing	High Pressure Fiberglass Casing	High Pressure Fiberglass Screen pipe
Nominal Diameter	DN40 ~ DN900	DN40 ~ DN100	DN100 ~ DN250	DN100 ~ DN250
Rating Pressure(Mpa)	3.45 ~ 34.5	10 ~ 25	10 ~ 25	10 ~ 25
Reference Standards	API Spec 15HR, SY/T 6267	SY/T 7043, SY/T 6267	API 15 HR, SY/T 6267	SY/T 6267
Application	Used in conveying oil, gas, water and mixture in petroleum and petrochemical fields.	Used in general water injection wells, sewage reinjection wells, polymer injection wells, etc.	Used in casing damage well repair, water source well, CBM straight well, etc.	Used as filtering screens for water source wells, screens for horizontal CBM wells, etc.



Drill Collar

Drill collar is manufactured according to API Spec7-1. We could supply slick drill collars, spiral drill collars, etc. The size is from 3 1/8" to 11". We could supply other drill collars according to customer's special requirements.

- First-class equipment makes the clave process and the whole process efficient.
- Manufactured and inspected according to API 5DP, API 7G & ISO 9001.
- Advanced inspection instruments make the high-quality product with stable performance.

Size(in)	3.1/8~11
Material	4145H, etc.
Internal Coating	TK34, TK34P, TC2000, etc.
Banding	ARNCO, etc.
Connection	API connection, Premium connection, etc.

Drill Pipe

Drill pipe is widely used for drilling operation. We provide a complete line of drill pipe, including a full range of jointed drill pipe in nominal sizes from 2-3/8" to 6-5/8" and wide range of wall thicknesses. We ensure that the durability and performance can meet your needs.

- Superior quality green pipe, advanced heat treatment process, high strength, high toughness.
- Smooth and long upset transition area & strong hard banding can extend the product life.
- Manufactured and inspected according to API 5DP, API 7G, API Q1 & ISO 9001.
- The advanced inspection instruments and strict quality control make the final products are superior and stable.
- We could supply drill pipes according to customer's special requirements.

Size(in)	2.3/8~6.5/8
Material	E,X,G,S, anti-H ₂ S, high strength, etc.
Internal Coating	TK34, TK34P, TC2000, etc.
Banding	ARNCO, etc.
Connection	API connection, Premium connection, etc.



Heavy Weight Drill Pipe (HWDP)

Heavy weight drill pipe is the tool used as a transition between the normal drill pipe and the heavier drill collars. In some applications, heavy weight drill pipe may also be used in place of the drill collar.

- Manufactured and inspected according to API Spec 7-1.
- We could offer the welded and integrated type HWDP.
- A center upset that can extend HWDP life, reduce hole drag and differential sticking problems.

Size(in)	3.1/2~6.5/8
Material	4145H, etc.
Internal Coating	TK34, TK34P, TC2000, etc.
Banding	ARNCO, etc.
Connection	API connection, Premium connection, etc.

Kelly

Kelly is the drive part of whole drill string, it transmits the torsional energy from the rotary table to the bit in the bottom of the hole. Kelly is supported by the swivel through the rotary table and connected to the first joint of drill pipe in the drill string. Straightness is the key manufacturing process, it's checked before, during and after each machining operation. Flats are precision-milled to API. All milling is performed on specially designed rigid Kelly mills. Each kelly is furnished with a pressed steel thread protectors. We supply both square kelly and hexagonal Kelly.

- Kelly is manufactured according to API Spec7-1. Made by AISI 4145H-modified, fully heat-treated alloy steel with a brinell hardness range of 285-341 and a minimum average charpy impact value of 40 ft-lbs.
- The ends, drive section and connection of Kelly are machined and inspected according to API.
- Kelly bars are ultrasonically inspected over full length and section.
- Shipped in a protective steel-cased scabbard.

Size(in)	2.1/2~6
Material	4145H, etc.
Connection	API connection, Premium connection, etc.



Line Pipe

We can supply all kinds of line pipes which can be used in the following fields: medium and high pressure oil and natural gas transportation; low and medium pressure coal gas, heating steam and hot water transportation; engineering construction, chemical industry, electric power engineering; acid and marine environment service.

Reference standards and technical specification: API SPEC 5L, ISO3183, GB/T9711, DIN30670, DIN30678 and other technical specifications

Application: line pipe is used in transferring oil , gas and water, etc.

Type	SMLS	HFW	SAWL	SAWS
Size(in)	1/2 ~ 24	1/2 ~ 26	16 ~ 56	8 ~ 100
Wall Thickness(mm)	1.5 ~ 39.7	1.5 ~ 16.0	7.0 ~ 32.0	5.6 ~ 25.4
Material Grade	A,B,X42,X46,X52,X56,X60,X65,X70,X80,etc.			
Coating	FBE,2PE/PP,3PE/PP,etc.			
Ends	Plain ends, Bevel ends			
Service	Sour service, Offshore service, etc.			
PSL	PSL1, PSL2			

According to the requirements of the transfer medium and laying environment of the steel pipe, we can also do a variety of internal and external anti-corrosion and insulation for the pipe, such as epoxy, polyethylene and polypropylene anti-corrosion, as well as polyurethane insulation, so as to make the steel pipe maintain a more stable performance and achieve a longer service life. The reference standard is DIN and CAN and other commonly used anti-corrosion standards. We can also provide pipes according to customer's special requirements or specification if any.

TYPE	SMLS	HFW	SAWL	SAWS
Coating	Epoxy,FBE,2PE/PP,3PE/PP,insulation,etc.			
Reference Standard	DIN 30670,DIN 30678,CAN/CSA245.20,etc.			



Other Types Of Pipes

We also supply other types of steel pipes, such as gas cylinder pipe, oil cylinder pipe, mechanical pipe, boiler pipe, shipbuilding pipe, drilling pipe, low-temperature service pipe, etc.

Type	Standard	Application
Gas Cylinder Pipe	JIS G3429,GB13447,GB/T 18248, etc.	Using for manufacturing gas cylinder.
Mechanical Pipe	GB/T 8162,EN 10297-1,EN 10210-1,ASTM A53,ASTMA519, etc.	Using for manufacturing fitting, and steel structure, etc..
Oil Cylinder Pipe	DIN 1629, etc.	Using for manufacturing container, equipment, etc.
Boiler Pipe	GB/T 6479,GB/T 9948,ASTM A106,ASTM A209,ASTM A213,ASTM A335, EN 10216-2,DIN 17175,JIS G3456,JIS G3461,JIS G3462, etc.	Using for manufacturing water cooled wall of Boiler, economizer, re-heater, super-heater and steam pipe, etc.
Shipbuilding Pipe	GB/T 5312,Classification society specification, etc.	Using for manufacturing structure, pipeline for ship, etc.
Drilling Pipe	GB/T 9808, etc.	Using for manufacturing drilling pipe
Low-temperature Service Pipe	ASTM A333, etc.	Using for low temperature service



Drilling Tools

Links

Link is one of the main suspension tools for lifting the drill string during oil and natural gas drilling and downhole workover operations. It is forged from high-strength alloy steel and used in pairs. The lower end is hung in the hanging ears on both sides of the elevator, and the upper end is hung in the earrings on both sides of the hook. There are two types of rings: Weldless links and Perfection links. according to API8C specification for drilling and well servicing equipment.



Roller Kelly Bushings

Roller Kelly Bushings can be classified as two types based on different ways of drive: Square Drive and Pin Drive. They can also be classified as three types based on different styles: Heavy, Medium and Light-Duty. They are used for 17-1/2" to 49-1/2" Rotary Tables. They are designed and manufactured according to API SPEC 7K specification for drilling and well servicing.

Model	Type	Drive Way	Applicable Size of Kelly(in)	-
HDS	Heavy Duty	Square Drive	2.1/2~6	3~6
27-HDP		Pin Drive	2.1/2~6	3~6
20-HDP		-	2.1/2~6	3~6
RTM4	Medium Duty	Square Drive	2.1/2~5.1/4	3~4.1/4
RTS4	Light Duty		2.1/2~4.1/4	3~4.1/4



Elevators

Elevators are used to hold and lift other tools such as drill collars, casing and tubing during oil and gas drilling and workover operations. according to API8C specification for drilling and well servicing equipment.



Slips

Slips are utilized to grip drill pipes, tubings, casings and drill collars in oil well drilling and repairing, They are designed and manufactured according to API7K specification for drilling and well servicing equipment.



Spiders

Spider are utilized to grip drill pipes, tubings and casings in oil well drilling and repairing, They are designed and manufactured according to API7K specification for drilling and well servicing equipment. Slip type Elevator/Spider are utilized to grip drill pipes, tubings and casings in oil well drilling and repairing, They are designed and manufactured according to API8C specification for drilling and well servicing equipment.

Model	OD of Tubulars(in)	Rated Capacity(USTon)
C	1.315~5.1/2	80
CHD	1.315~5.1/2	125
E	2.3/8~7.5/8	175
TS100	1.05~3.1/2	100
	2.3/8~5.3/4	100
SE150	2.3/8~5.1/2	150
SE350	4~14	350
	16~20	350
SE500	4~14	500
	16~24.1/2	500



Manual Tongs

Manual tong is an essential tool in oil drilling operation to fasten or remove the screws of drill pipe and casing joint or coupling. The handling size of manual tong can be adjusted by changing latch lug jaws and latch steps. According to API7K specification for drilling and well servicing equipment.

Model	Size Range(in)	Tonque Rated(KN.m)
SB	3.1/2~9	75
	9~11.3/4	55
	12.3/4~13.3/8	40
DB	3.1/2~11.1/4	90
	11.3/4~17	55
SDD	4~12	135
	12~15	100
	15.3/4	135
	16~17	80
LF	2.3/8~7	22
C	2.3/8~10.3/4	48
WWC	2.3/8~5.3/4	27
	5.3/4~8.5/8	20
	9.5/8~10.3/4	14
WWB	2.3/8~8.5/8	48
	9~10.3/4	35
AAX	2.7/8~8.5/8	75
	9~13.3/8	40
Extended casing tong	13.3/8~30	35
	25.1/2~36	55



Power Tongs

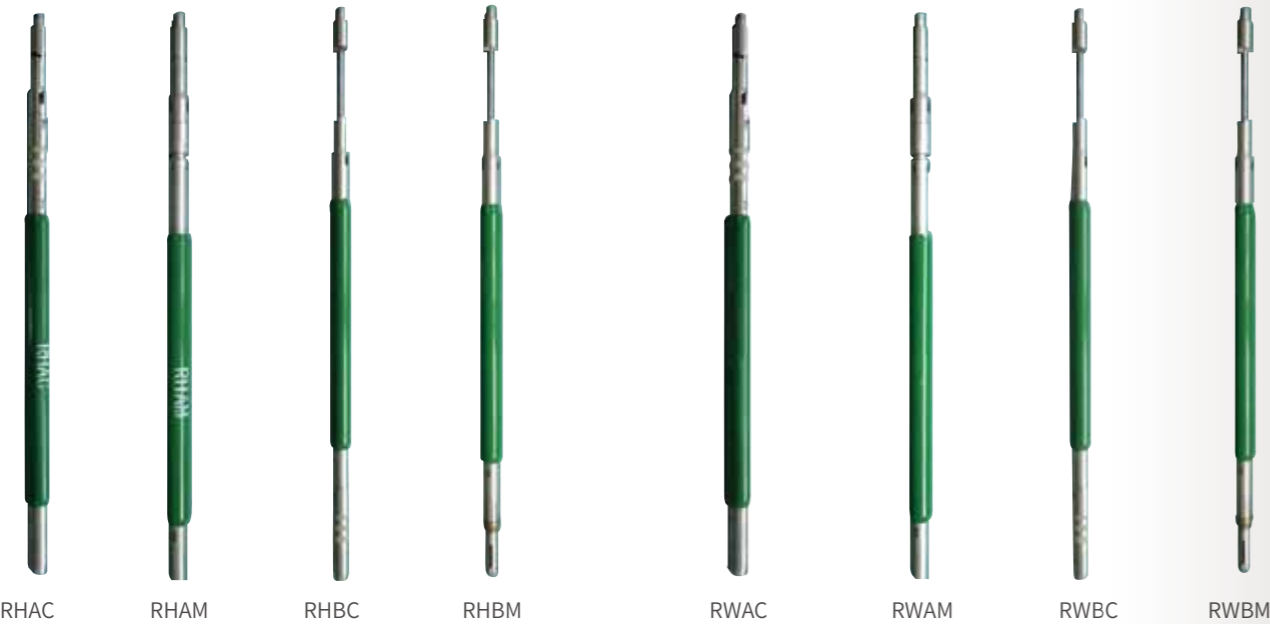
Power tongs are widely used in oilfield workover operations as tools for making and breaking tubing, casing, drill pipe and other strings. Power tongs save manpower and are more convenient than manual tongs. Power tongs are divided into: tubing power tongs, casing power tongs, and drill pipe power tongs.

Model	Size Range(in)	Max Torque(ft.lbf)
XQ140/12Y	2.3/8~5.1/2	8850
XQ114/6YB	2.3/8~4.1/2	4425
XQ89/3YC	2.3/8~3.1/2	2213
ZQ127-25	2.3/8~3.1/2	18440
ZQ203-100	3.1/2~8	73750
ZQ162-50 II	2.3/8~5	36880
ZQ203-125 II	3.1/2~8	92200
TQ178-16Y	4~7	11820
TQ340-35Y2	4.1/2~13.3/8	27285
TQ356-55Y	4.1/2~14	40560
TQ508-70Y	9.5/8~20	51600



Sucker Rod Pump

The sucker rod pump belongs to a special type of reciprocating pump. The power is transmitted from the ground to the downhole through the sucker rod, so that the plunger of the sucker rod pump reciprocates up and down to lift the oil in the oil well along the tubing to the ground to complete the artificial lifting and extraction.



Sucker Rod

Nominal Size		5/8 in.		3/4 in.		7/8 in.		1 in.		1 1/8 in.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
DR Diameter Of Rod Body	Dimension	0.625	15.88	0.750	19.05	0.875	22.23	1.0	25.40	1.125	28.58
	Tolerances	+0.007 -0.014	+0.18 -0.36	+0.008 -0.016	+0.20 -0.41	+0.008 -0.016	+0.20 -0.41	+0.009 -0.018	+0.23 -0.46	+0.010 -0.020	+0.25 -0.51
DF Outside Diameter Of Pin Shoulder	Dimension	1.250	31.75	1.500	38.10	1.625	41.28	2.000	50.80	2.250	57.15
	Tolerances	+0.005 -0.010	+0.13 -0.25	+0.005 -0.010	+0.13 -0.25	+0.005 -0.010	+0.13 -0.25	+0.005 -0.010	+0.13 -0.25	± 0.015	± 0.38
WS Width Of Wrench Square	Dimension	0.875	22.23	1.00	25.40	1.00	25.40	1.3125	33.34	1.50	38.10
	Tolerances	± 0.031	± 0.79	± 0.031	± 0.79	± 0.031	± 0.79	± 0.031	± 0.79	± 0.031	± 0.79
LWS Length Of Wrench Square (minimum length, exclusive of fillet)	Dimension	1.250	31.75	1.250	31.75	1.250	31.75	1.500	38.10	1.625	41.28
LK Length Of Sucker Rod (measured from contact face of pin shoulder to contact face of pin shoulder)	Dimensions	296.0 356.0	7,518.4 9,042.4	296.0 356.0	7,518.4 9,042.4	296.0 356.0	7,518.4 9,042.4	296.0 356.0	7,518.4 9,042.4	296.0 356.0	7,518.4 9,042.4
	Tolerances	± 2.0	± 50.8	± 2.0	± 50.8	± 2.0	± 50.8	± 2.0	± 50.8	± 2.0	± 50.8
LY Length Of Pony Rods (measured from contact face of pin shoulder to contact face of pin shoulder)	Dimensions	20.0 44.0 68.0 92.0 116.0 140.0	508.0 1,117.6 1,727.2 2,336.8 2,946.4 3,556.0	20.0 44.0 68.0 92.0 116.0 140.0	508.0 1,117.6 1,727.2 2,336.8 2,946.4 3,556.0	20.0 44.0 68.0 92.0 116.0 140.0	508.0 1,117.6 1,727.2 2,336.8 2,946.4 3,556.0	20.0 44.0 68.0 92.0 116.0 140.0	508.0 1,117.6 1,727.2 2,336.8 2,946.4 3,556.0	20.0 44.0 68.0 92.0 116.0 140.0	508.0 1,117.6 1,727.2 2,336.8 2,946.4 3,556.0
	Tolerances	± 2.0	± 50.8	± 2.0	± 50.8	± 2.0	± 50.8	± 2.0	± 50.8	± 2.0	± 50.8
DU Diameter Of Bead	Dimension	1.21875	30.96	1.40625	35.72	1.500	38.10	1.90625	48.42	2.1875	55.56
	Tolerances	+0.005 -0.125	+0.13 -3.18	+0.005 -0.125	+0.13 -3.18	+0.005 -0.125	+0.13 -3.18	+0.005 -0.1875	+0.13 -4.76	+0.005 -0.1875	+0.13 -4.76
A (Typically verified in forging die qualification)	Dimension	1.875	47.63	2.250	57.15	2.625	66.68	3.0	76.20	3.375	85.73
	Tolerances	± 0.125	± 3.175	± 0.125	± 3.175	± 0.125	± 3.175	± 0.125	± 3.175	± 0.125	± 3.175
C (Typically verified in forging die qualification)	Dimension	0.125	3.18	0.125	3.18	0.1875	4.76	0.1875	4.76	0.1875	4.76
	Tolerances	+0.0625 -0.015625	+1.59 -0.40	+0.0625 -0.015625	+1.59 -0.40	+0.0625 -0.015625	+1.59 -0.40	+0.0625 -0.015625	+1.59 -0.40	+0.0625 -0.015625	+1.59 -0.40
DT Diameter Of Thread	Reference Dimension	0.9375	23.81	1.0625	26.99	1.1875	30.16	1.375	34.93	1.5625	39.69
D1 Diameter Of Thread	Dimension	0.790	20.07	0.915	23.24	1.040	26.42	1.227	31.17	1.414	35.92
	Tolerances	± 0.005	± 0.127	± 0.005	± 0.127	± 0.005	± 0.127	± 0.005	± 0.127	± 0.005	± 0.127
LSH Length of Shoulder, Minimum	Dimension	0.125	3.18	0.125	3.18	0.125	3.18	0.125	3.18	0.125	3.18
LR Length Of Stress Relief	Dimension	0.516	13.11	0.594	15.09	0.672	17.07	0.797	20.24	0.875	22.23
	Tolerances	+0.03125 -0.000	+0.79 -0.00	+0.03125 -0.000	+0.79 -0.00	+0.03125 -0.000	+0.79 -0.00	+0.03125 -0.000	+0.79 -0.00	+0.03125 -0.000	+0.79 -0.00



Downhole Tools

Downhole tool products involve many product categories. As an indispensable part of the drilling process, the downhole tool products we can provide include scraping tools, internal blowout prevention tools, downhole auxiliary tools, fishing tools, and so on. Also we can provides other downhole tools at customers' specific request can be available.

- Scraping Tools:
 - Suitable for SM, MH, XH different formations, the size of Hole Opener from 8.1/4" to 36"
 - Suitable for different formations of Hard, Medium and Soft, the size of Roller Reamer from 6.1/8" to 36"
 - Spring or non-rotating 360 degree Casing Scraper, sizes from 4.1/2" to 20"
 - Casing Cup Tester in sizes from 5" to 20"
- Internal Blowout Prevention Tools:
 - Kelly Valve, Full Open Safety Valve, Inside BOP, Arrow Type Back Pressure Valve, Float Valve Sub
- Downhole Auxiliary Tools:
 - Sub, Lift Sub, Saver Sub, Lifting Cap
- Fishing Tools:
 - Overshot, Releasing Spear, Fishing Magnet, Junk Basket, Junk sub, Taper Tap & Die Collar, Impression Block, Junk Mills



Tank Truck

We can provide special customized volume trailers for transporting corrosive materials. The transporter can be designed to include a semi-trailer chassis and a manifold system installed on the semi-trailer chassis, control devices, hydraulic systems, gas systems, metering acid tanks and centrifugal pumps. It can be customized according to the parameters of the customer's acidic medium. The conventional volume can be provided with different volumes such as 150bbl, 200bbl, 300bbl, etc. The truck integrates the equipment functions of acid, pumping and injection, and can be used for inland cementing operations, acidizing operations, pressure testing and other fluid pumping operations to improve the efficiency of acid pumping at the customer's job site.



Generator Set

- Type of generator set: diesel generator set, gas generator set.
- Power range: 100KW-2300KW /125KVA-2875KVA.
- Product related certification: TLC product certification, CCS, ABS, BV, GL, NK, KR, LR, DNV and other national classification societies product certification.
- Forms: open frame power station, silent box power station, container power station, mobile power station, automobile power station.
- Control system: basic control system, self-starting control system, parallel system.



High-pressure Steam Injection Boiler

- Thermal power: 200KW-5000KW
- Product standards: ASME, API, ISO
- Uses: heavy oil thermal recovery, oil-water separation
- Heating medium: water, natural gas, condensate oil, oil and gas mixture
- Working pressure: 0.1Mpa-30Mpa
- Thermal efficiency: $\geq 90\%$





50+ Branches and offices in more than 50 cities worldwide

2,400 Over 2,400 clients around the world

70+ Business in more than 70 countries and regions





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