



INTLEF

Group Presentation

INTLEF OIL AND GAS GROUP

A person is standing on the peak of a rugged, rocky mountain. The mountain is partially covered in snow and is set against a backdrop of a vast sea of white clouds. The sky is a mix of blue and orange, suggesting a sunrise or sunset. The overall scene is one of achievement and vision.

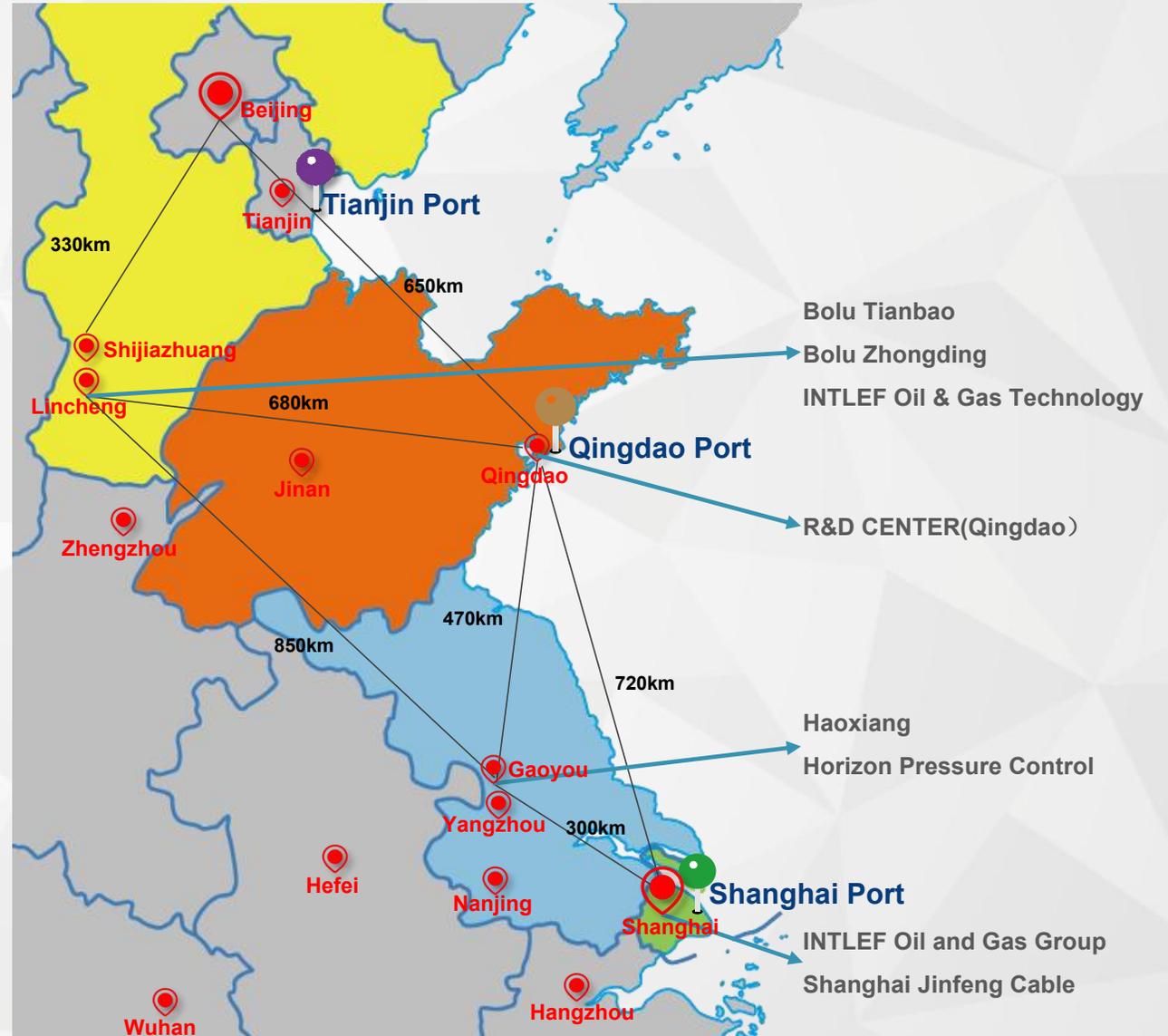
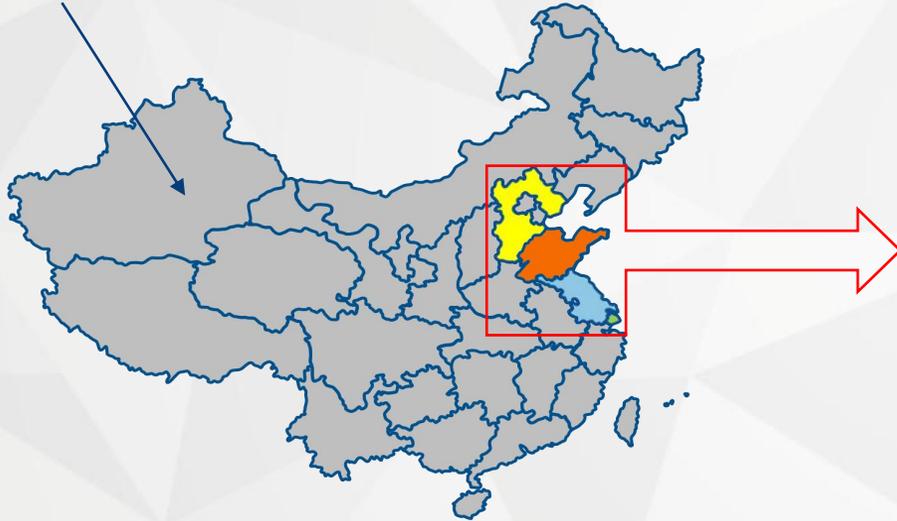
CORPORATE VISION

Intelligence Leading the Future of Oil & Gas Industry



INTLEF Oil and Gas Group Co., Ltd. as an international group company who is specialized in petroleum equipment R & D, manufacturing, operation and maintenance,EOR services, oilfield goods international trading and EPC projects . The Headquarter is located in the International finance and trade center, Shanghai, China.

Xinjiang INTLEF OIL&GAS Technology
Xinjiang INTLEF Petroleum Technology Service



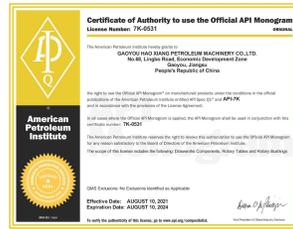


QUALIFICATION

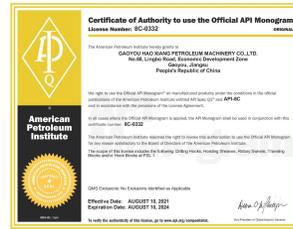
INTLEF



API 4F



API 7K



API 8C



API 6A



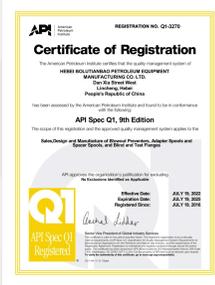
API 16A



API 16C



API 16D



API Q1



ISO 9001:2015



Well control
fabrication
permit
Special equipment
Manufacturing
license



Special equipment
Manufacturing
license



QHSE

CNPC well control
equipment
manufactures

Patent

The R&D center of INTLEF Oil and Gas Group is located in the beautiful coastal city-Qingdao. **It consists of several institutes, including Qingdao offshore Technology Research Institute, Qingdao Automation and Information Institute, Hebei Bolu Well Control Equipment Research Institute, GaoYou HaoXiang Oiland Gas Intelligent Equipment Research Institute, Jiangsu Pressure Control Technology Research Institute, and ZhongDing Chemical Equipment Research Institute.** INTLEF is a leading developer of intelligent oil equipment, automation solutions, and well control solutions in energy business field of China. INTLEF has a well-established R&D and management team, with multiple core independent intellectual property rights and extensive experience in the development of automation equipment. The business scope covers the designing and manufacturing of comprehensive technical solutions for land drilling rigs, workover rigs, drilling and workover automation equipment, offshore engineering equipment, well control equipment, oilfield engineering services, and special non-standard equipment. We are committed to turning INTLEF into a new generation oil and gas equipment industry group that specializes in intelligent manufacturing, intelligent equipment operation, and intelligent equipment management services.



R&D center
12 patent for invention
48 utility model patents
5 computer software works
INTLEF Group
35 patent for invention
145 utility model patents

OIL AND GAS INTELLIGENT EQUIPMENT R&D AND FABRICATION

INTLEF



Pneumatic finger



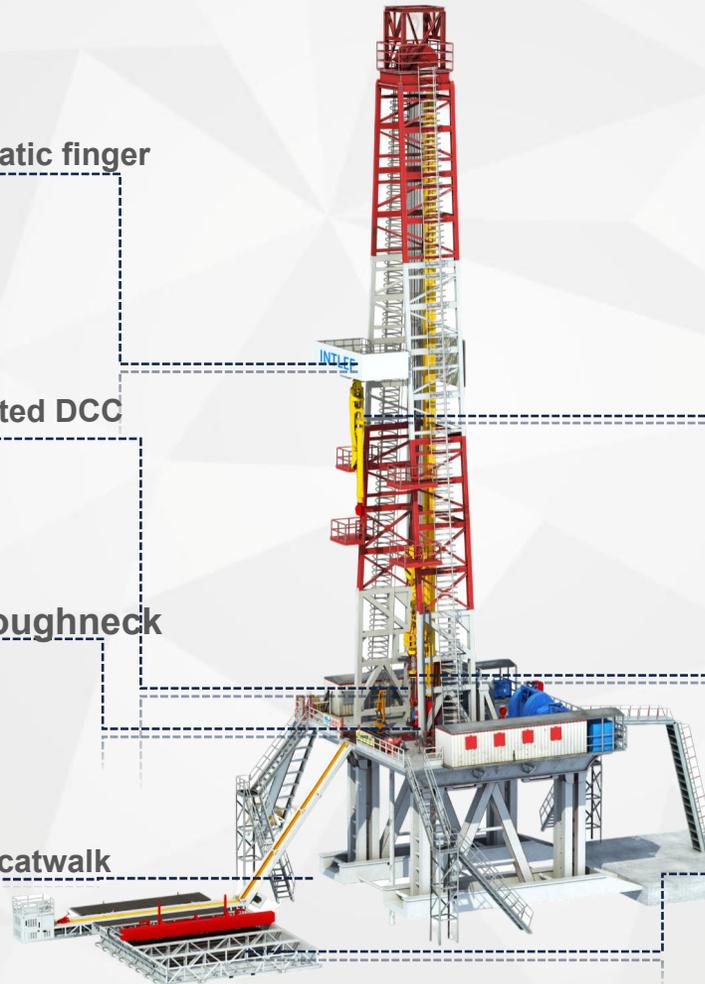
Integrated DCC



Iron roughneck



Power catwalk



Auto pipe handling system



Power elevator
Power slip



Automatic Tubular Bin





INTLEF Hebei Bolu Tianbao Petroleum Well Control Equipment Co., Ltd.

- Since 2009
- Area: 400,000m²
- Committed to well control technology research and development, BOP system manufacturing and maintenance services.



INTLEF Oil & Gas Technology Hebei Co., Ltd.

- Since 2019
- Area: 400.000m²
- As a rig assembly and completion base and logistics distribution center of INTLEF group it can meet both requirements of completed rig system construction commissioning and delivery of more than 20 sets of land drilling rig system and components a year.



INTLEF Hebei Bolu Zhongding Chemical Equipment Manufacturing Co. Ltd.

- Since 2017
- Area: 400.000m²
- Committed to petro-chemical pressure vessel, energy saving equipment research and development, manufacturing and maintenance services.



INTLEF Gaoyou HaoXiang Petroleum Machinery Co., Ltd.

- Since 1952
- Area: 40,000m²
- Committed to the research and development, manufacturing and maintenance services of onshore and offshore oil and gas drilling and production equipment package and core components of drilling rigs.



INTLEF Horizon Pressure Control (Jiangsu) Co.,Ltd.

- Since 2003
- Area: 40,000m²
- Committed to the research and development, design, manufacturing, sales and service of high level valves, wellheads and Christmas trees.



Xinjiang INTLEF Oil and Gas Technology Co., Ltd.

- Since 2021
- Area: 375,000m²
- Committed to manufacturing and maintenance services, rental service of drilling rigs, oilfield technical service, technical consultation application and promotion of new technologies in oil-field Engineering, chemical product sales, etc.



INTLEF Shanghai Jinfeng Cable Co., Ltd.

- Since 1996
- Area: 9,500m²
- Committed to high level electrical moving cable research and development, design, production, sales and service.

BUSINESS UNIT

INTLEF



**INTELLIGENT PETROLEUM
EQUIPMENT
MANUFACTURER**



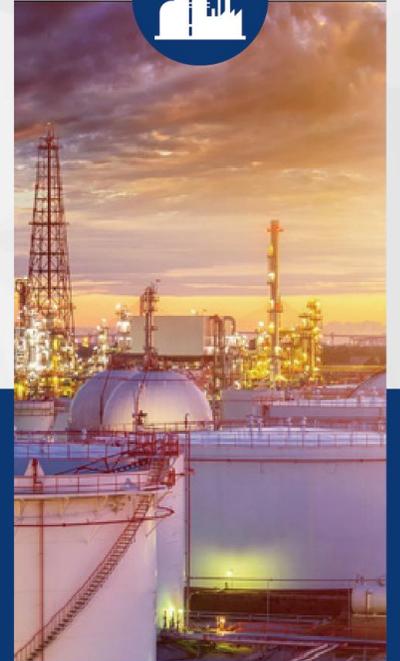
**OILFIELD ENGINEERING
BUTLER SERVICE**



**OILFIELD EOR SERVICE
PROVIDER**



**OIL & GAS GOODS
INTERNATIONAL
TRADING**



**OILFIELD EPC
CONTRACTOR**





Model	ZJ40	ZJ50	ZJ70	ZJ90
Max.hook load	2250kN	3150kN	4500kN	6750kN
Drilling depth (4-1/2"DP)	4000m	5000m	7000m	9000m
Rated power of draw works	1000HP	1500HP	2000HP	3000HP
Main brake model	Discbrake	Discbrake	Discbrake	Discbrake
Auxiliary brake model	Eddycurrent/Motordynamic brake	Eddycurrent/Motordynamic brake	Eddycurrent/Motordynamic brake	Eddycurrent/motordynamic brake
Wireline dia.	Ø32mm	Ø35mm	Ø38mm	Ø42mm
Clear height of mast	43m	45m	45.7m	48m
Height of drill floor	6/7.5m	7.5/9m	9/10.5m	10.5/12m
Mud pump	2X1300hp	2X1600HP	3X1600HP	3X1600HP
Type of driving	SCR/VFD	SCR/VFD	SCR/VFD	SCR/VFD

WORKOVER RIG SERIES

INTLEF



Model	XJ150	XJ250	XJ350	XJ450	XJ550	XJ650	XJ750	XJ1000
Max.hook load :kN	490	700	900	1125	1350	1470	1800	2250
Rated hook load: kN	300	400	600	800	1000	1200	1500	1800
Service depth :m (2-7/8"EU tubing)	2600	3200	4000	5500	7000	8500	—	—
Workover depth: m (2 ⁷ / ₈ "DP)	—	2000	3200	4500	5800	7000	8000	10000
Drilling depth :m (4-1/2"DP)	—	—	—	1000	1500	2000	3000	4000
Engine power:	250 HP	325 HP	385 HP	475 HP	540 HP	700 HP	540X2HP	630X2HP
Drowworks power:	150 HP	250 HP	350 HP	450 HP	550 HP	650 HP	750 HP	1000 HP
Mast height :m	16、 18	18、 21	31.7	32、 34	32、 34	34、 35	38	39.3
Chassis driving type	6X6	6X6	10X8	10X8	10X8	12X8	14X8	14X10

RIG COMPONENTS

INTLEF



Traveling Block



Swivel



Hook



Hook Blocks



Driller's Console



Electrical Control System



Iron Roughneck



Crown Block



Rotary Table



Drawworks



Transmission Unit

OFFSHORE EQUIPMENT

INTLEF



Marine Exploration Drilling RIG



Offshore Drilling Platform



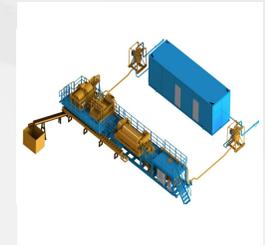
Offshore Drilling Package



Automated Pipe handling equipment



Hydraulic Power Unit



Offshore Environmental protection System



Offshore Workover RIG



Integrated Auto Control System



Offshore Derrick Assembly



Knuckle boom crane & Racker



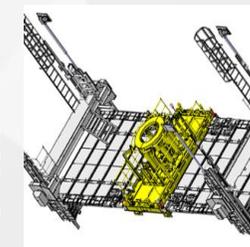
Cantilever Skidding & Drill Floor Sliding Device



Offshore mud Cooling System



Wave Compensation System



Conductor Tensioning Unit



Lifting & Rotary drive system

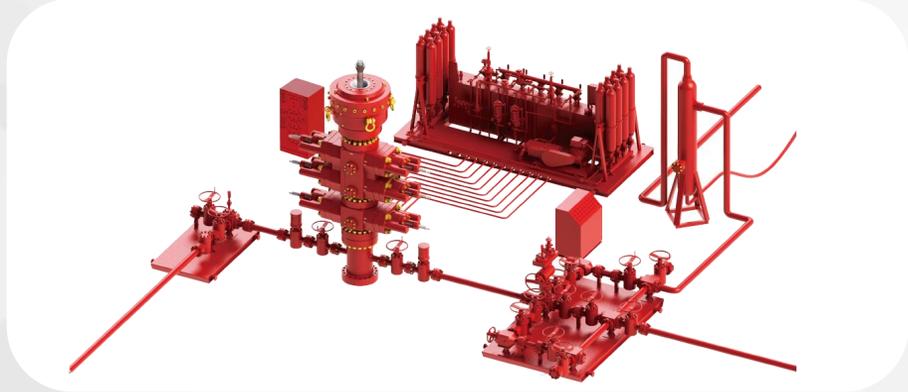


BOP lifting and skidding system

SPARE PARTS OF PUMP UNIT

INTLEF





Integrated Solutions For Well Control Systems



Type "QL" Ram BOP



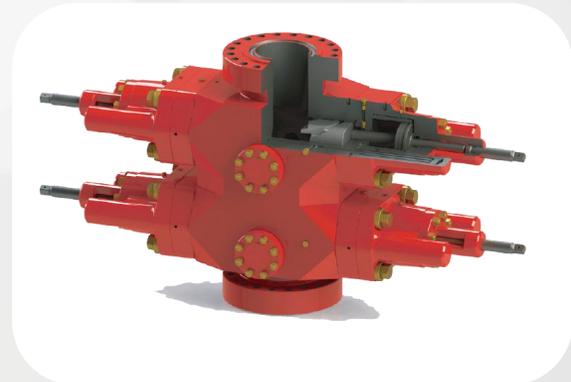
Type "S" Ram BOP



Type "Spherical" Annular BOP



Type "Taper" Annular BOP



Type "U" Ram BOP



Shear Ram



Rubber Seal



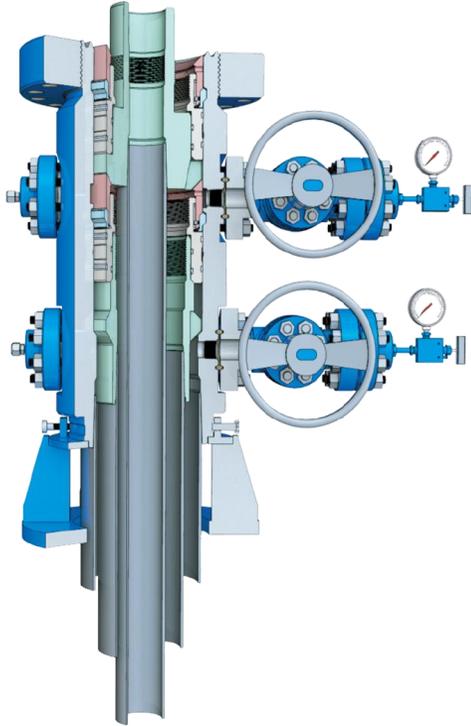
Variable Ram



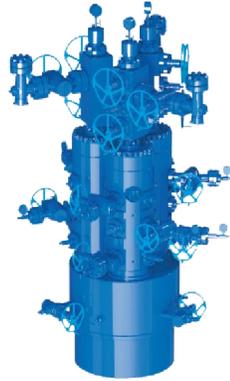
Coiled Tubing BOP



Spool



ILS High Temperature and High Pressure Wellhead



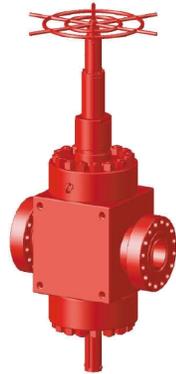
Single-pile With Three wells Wellhead (Three in one Wellhead)



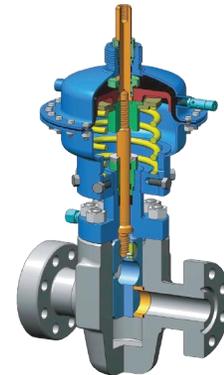
Wellhead and Christmas Tree



Underwater Wellhead Production Trees



High Pressure Large Diameter Valve



Actuators



Cyclone Desander



Reaction Kettle



De-aerator



Heat Exchanger



Condensate Water Recovery Device



Chemical Dosing Device



Ari Holder



Gas-distributing Cylinder



Oil And Gas Recovery Device



Chemical Dosing Device



Seeding Tank Fermentation Tank



Nitrogen Production By Pressure Swing Adsorption



Deep Cooling Air Separation

Maintenance

**Technical
Support**

Spare Parts

**Equipment
Leasing**

**Equipment
Re-certification**

After-sales





**Fracturing
Operation**

**Coil Tubing
Operation**

**Workover
Operation**

**Integrated EOR
Technical
Proposal**



Foreign Brands Agent

Domestic Brands Agent

JV

Design Transfer

Exporting & Importing

OILFIELD EPC PROJECT

INTLEF

Procurement

JV

Contracting

Engineering

Leasing

Investment





- Sub-companies office have been established in Russia, Oman and Indonesia to achieve internation sales and local services
- Sales representative office have been established in multiple countries and products are exported to Russia, Kuwait, Oman, the United Arab Emirates, Saudi Arabia, Indonesia, Egypt, Dubai, Libya, Ecuador, Mexico, Colombia, Uzbekistan, Australia, the United States, Congo and other countries



**CORPORATE
VALUES**

Customer Value Oriented.

Devoting to providing intelligent product and excellent service for global oil and gas industry.



CONTACT US



www.intlef.com



sales@intlef.com



021 62212139



INTLEF Oil and Gas Group Co.,Ltd.

Room 602, Building D3, Hongqiao World Center,
Qingpu District, Shanghai, China

INTLEF

Intelligence Leading the Future of Oil & Gas Industry