

Workover Equipment



SJ is the largest workover equipment manufacturing base in China, with No.1 market share in domestic and exportation markets. SXJ150~ SXJ1200 series self-propelled workover rigs, with maximum hook load ranging from 600kN to 2250kN. We have developed multiple fast-moving, high efficient, energy-saving rigs for different environment and operational needs, including double fast line workover rigs, free-standing workover rigs, workover rigs with front end to well head, wheel-type swabbing rigs, hydraulic-electric dual power workover rigs, LNG workover rigs, desert workover rigs, cold weather workover rigs, mountain workover rigs, and unitized mechanic and automatic tools which cover power catwalks, hydraulic pipe box, hydraulic lifting driller cabin, iron roughnecks, etc.



SXJ400 double fastline workover rigs



SXJ450D hydraulic-electric dual power workover rigs



SXJ150 free-standing workover rig



SXJ1200 mountainous workover rigs

Self-propelled Workover Rigs

| Model | Nominal /max hook load kN(lb) | Engine HP kW(hp) |
|-----------------|-------------------------------|------------------|
| SXJ150(XJ150) | 300(67440) / 585(131508) | 175(235) |
| SXJ250(XJ250) | 400(89920) / 675(151740) | 242(325) |
| SXJ350(XJ350) | 600(134880) / 900(1202320) | 287(385) |
| SXJ400(XJ400) | 980(220304) / 1020(229296) | 335(450) |
| SXJ450(XJ450) | 980(220304) / 1125(252900) | 354(475) |
| SXJ550(XJ550) | 1176(264365) / 1350(303480) | 403(540) |
| SXJ650(XJ650) | 1350(303480) / 1470(330456) | 403x2(540x2) |
| SXJ1000(XJ1000) | 1500(337200) / 1700(382160) | 470x2(630x2) |
| SXJ1200(XJ1200) | 1800(404640) / 2250(505800) | 522x2(700x2) |

Double Fastline Workover Rigs

Applicable to SXJ150~SXJ1200 series workover rigs

- Double fast line to enable 50% less lowering time.
- Mast base and wellhead operation platform are transported as a whole.

Series Power Swivels

Applicable to SXJ350~SXJ1200 workover rigs

- Unitized for workover operation, hydraulic drive, with maximum hook load 1200-1600kN.

Hydraulic-electric Dual Power Workover Rigs

Applicable to SXJ350S~SXJ1200 series workover rigs

- Environment friendly, energy saving, dual power drive.
- Power switch transfer case to ensure reliable and flexible switch of power.

Free-standing Workover Rig Self-tightening Guyline Workover Rigs

Applicable to SXJ150~SXJ1200 series workover rigs

- Equipped with anti-tipping device and electronic warning device for sideway tipping.
- Less preparation time, convenient rig-up and rig-down, less space needed.

Mountainous Workover Rigs

Applicable to SXJ150~SXJ1200 series workover rigs

- Main truck plus modules, to ensure less movement and rig-down and rig-up time.
- Small modules for mast and substructure to be adapted for special road condition in mountain area.

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LNG Workover Rigs

Applicable to SXJ150~SXJ1200 series workover rigs

- LNG engine drive, low emission, environment friendly, efficient and energy-saving, with 50% less fuel than diesel engine.



Desert Workover Rigs

Applicable to SXJ150~SXJ1200 series workover rigs

- Dedicated chassis for desert, wide heavy-duty, ultra-low pressure tyres.
- Forced cool water circulating system. Sand prevention design for high temperature and desert use.



SXJ550 desert workover rig



Hydraulic-electric dual power drive



Centralized controls in driller cabin



Iron roughneck

Automation Solution For Workover Rigs

Applicable to SXJ150~SXJ1200 series workover rigs

- To solve the problems of conventional workover rigs, such as, high energy consumption, heavy pollution, low level automation, high work load, we have figured out a solution for customers, featuring self-tightening guylines, hydraulic-electric dual power drive, centralized controls in driller cabin, equipped with power catwalks, hydraulic pipe box, iron roughneck, air slips. This state-of-the-art automatic workover package can fully boost the overall operation efficiency.



SPC2000 powered catwalks

Well Servicing & Flushing Rigs

Applicable to SXJ150,SXJ250,SXJ350 workover rigs

- Small plunger pump installed on the rig deck, workover and well washing integrated, foldable wellhead operation platform which can be shipped with rig.

Wheel-type Workover Rigs

Applicable to SXJ150,SXJ250,SXJ350 workover rigs

- Large wide tyres, suitable for marshland, mud flat areas, good cross-country ability, small turning radius, flexible and mobile.

Light Duty Workover Rigs (front end to well head)

Applicable to SXJ150,SXJ250,SXJ350 workover rigs

- Free-standing workover rigs, driller's cabin and driver's cab are integrated.

Series of Skid-mounted Pumps

| Model | Max. working pressure MPa(psi) | Max. working displacement L/min(GPM) |
|-----------------|--------------------------------|--------------------------------------|
| SNQ500-15 | 25(3571) | 1500(396) |
| SNQ800-20 | 35(5000) | 1970(520) |
| SNQ800Q-24 | 35(5000) | 2330(618) |
| SZQ350-13/16/17 | 50/35/40 | 1216/1590/1641 |
| SZQ600-13/18 | 70/40 | 1295/1834 |
| SZQ900-22/18/14 | 50/40/30 | 2139/1730/1368 |

- Series skid-mounted pumps include light-duty mud pumps for mud circulation purpose, and plunger pumps for well washing, injection, plugging, acidizing, and shallow-well fracturing operation.