SUMO® Casing Jack System

SUMO®- The Hydraulic Downhole Casing Jack is a system to overcome the limitation of the pulling capacity of the rig and the stretch and frictional losses in the drill string while applying tension. The most typical application is to anchor inside a 13 3/8" casing and pull on the 9 5/8" casing being stuck due to settled barite from the drill fluid.

The SUMO $^{\circ}$ Casing Jack System will typically comprise of the following components:

- Anchor
- Scraper
- Pull section
- Pack-off tool
- Valve
- Spear
- Pipe cutter

Benefits

- Optimum downhole cutting control
- Low pressure loss and ball drop compability
- Faster casing retreival
- Maximize casing length retreival
- Ability to circulate through cut
- Full downhole control
- Integration of enhanced techniques
- Reduced POB

Features

- Ability to rotate entire system
- Large ID (2")
- Extended stroke length (120 cm)
- High pull force (800+ tons)
- Integrated packer
- Downhole digital tool control option
- Versatile system
- Enabling integrated operations

Specifications

Pull force	800 tons [650 tons]	Max RPM	120
ID	2*	Max Pressure	345 bar [5,000 psi]
Stroke length	1.2 m [4 ft.]	Max Tempreture	120°C [248 °F]
Power Output	2.3 ton/bar / 1.9 ton/bar	Casing Range (pull)	9 5/8" 40-53.5 ppf, 10 ¾" 55-65 ppf
Integrated packer	Yes	Casing Range (anchoring)	13 3/8" 68-72 ppf, 14" 100-114 ppf
Max OD	11.75"	System Top Connection	XT57 Box
Specifications may be subject to cha	ange.		

Archer is a company providing drilling and well services to the global energy industry. Our heritage stretches back over 50 years and we are 5,000 employees globally. Archer operates in over 40 countries, providing sustainable high-quality services and innovative technology to optimize our customer's energy solutions. **We are Archer**.

chergy solutions. Wea

