

Datasheet Well Stroker® 312 XXS

The Well Stroker® resides at the core of Welltec's mechanical solution portfolio. This tool provides the actuating force required for most mechanical intervention jobs. It can push or pull multiple times in the same run irrespective of depth or deviation, applying up to 100,000 lbs of axial force downhole through the use of a bi-directional, hydraulic ram which can be equipped with the required fitting to meet the application.

Applications	Features	Benefits
• Opening / closing valves	• High, controllable force	• Force applied directly to target
• Opening / closing sliding sleeves	• Passive fail-safe system	• Fewer runs
• Retrieving / setting gas lift valves	• Multiple repeated strokes	• No jarring required
• Fishing operations	• Bi-directional in same run	• Accurate depth control
• Setting / pulling plugs	• Surface read-out	• Large range of ID's accessible
• Setting straddle packer assemblies	• Wide range of sizes	• Reduced risk of damage to well hardware
	• Universal through wiring	• Operates on any e-line via DC
	• NACE compliant	

Specifications*	Imperial	Metric
• Length	• 26 ft	• 7.92 m
• Running OD nominal	• 3 1/2"	• 88.9 mm
• Weight in air	• 542 lbs	• 245.8 Kg
• Completion ID	• 3.65" – 7.5"	• 92,7 mm – 190 mm
• Maximum well pressure	• 25,000 psi	• 1,720 bar
• Maximum well temperature	• 302 F**	• 150 °C
• Max push / pull force	• 100,000 lbs	• 45,400 Kg
• Max stroke length (repeatable)	• 14"	• 356 mm
• Tensile strength	• 42,000 lbs	• 19,000 Kg
• Compressive strength	• 50,000 lbs	• 22,700 Kg
• Surface read-out SRO 2.0	Readout	Control
	• Head voltage	• Force incremental 1000 lbs steps
	• Stroker force	• Anchor set / release
	• Stroker position	• Direction
	• Internal temperature	
	• Internal pressure	

* Dependent upon configuration

**Optional 338 F.

