

Horizontal Self Cocking Jar

Technical Data Sheet
Assembly: 401-0209-003

The Omega Horizontal Self Cocking Jar is a long stroke hydraulic jar which has the unique capability of re-setting itself in a highly deviated or horizontal wellbore.

Whereas standard Hydraulic, spang or spring jars rely on gravity to re-set, the Omega Horizontal Jar incorporates a re-setting spring which provides sufficient re-setting force independent of deviation.

Originally designed to be run with the Omega Tractor, the Horizontal Jar provides greater flexibility to many non-tractor operations.

A unique feature of the Omega Horizontal Jar is the viscosity compensation metering system which maintains the metering time near constant regardless of the temperature.

The pressure balanced design offers a jar that will operate in nearly all environments without the need to change oil between runs or for differing well conditions.

When deployed with the Omega Hi-Deviation Tubular Jar & Roller Subs the Omega Horizontal Jar has operated in deviations of over 90 degrees.

Features

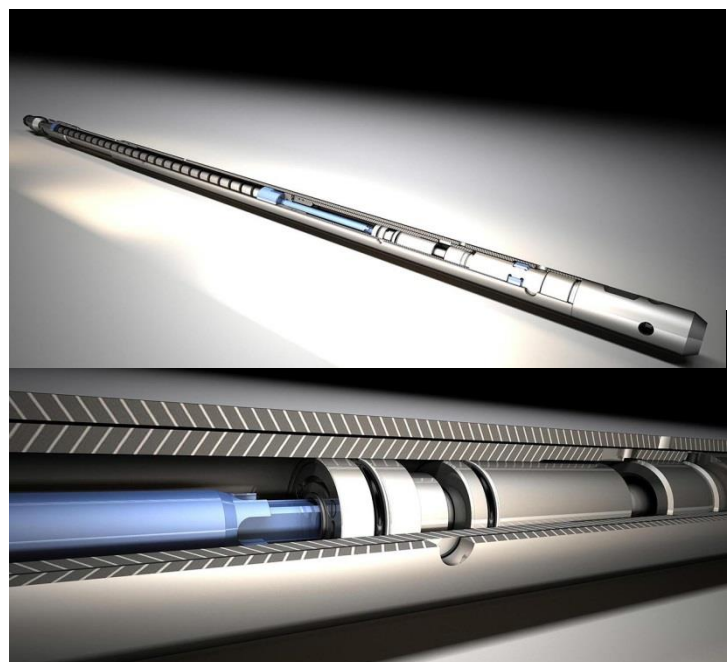
Re-setting spring.
Sealed hydraulic unit.
Compensating metering system.
Matched accelerators available.

Applications

Standard and Hi-Deviation wireline intervention.
Opening sliding side doors.
Utilised with Omega Roller Subs, Catapults & Tractors.
Wireline fishing operations.

Benefits

Self cocking mechanism reduces intervention time, risks, and costs.
Reliable firing mechanism over industry standard Hydraulic Jars.
Does not require to be 'pre-set' at surface. Activated via an overpull.
Hydraulic Cartridge design eliminates 'gassing up' issues commonly seen in hydro jars.



HI-DEVIATION



Omega

Omega Completion Technology Ltd.

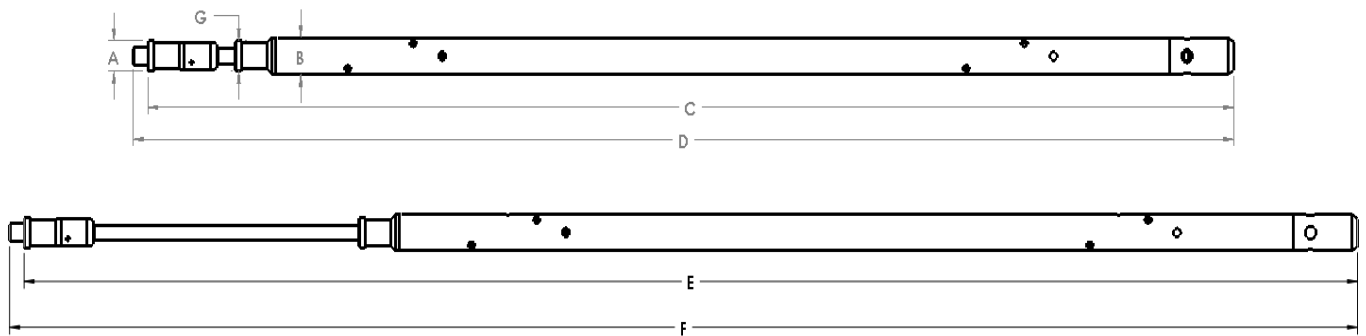
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Description	2.09" OD Horizontal Self Cocking Jar
Assembly Number	401-0209-003
Connections	1-1/16" Sucker Rod Pin x Box
Tool Max. OD	2.09"
Fishing Neck	1.75" (Primary & Secondary)
Overall Length	76.0" Closed
Overall Length	93.0" Open
Stroke (Effective)	14.5"
Weight	45 kgs
Service	Standard
Max. Tensile Rating	50,000 lbs



DIMENSIONAL DATA	
A	1.75"
B	2.09"
C	75.0"
D	76.0"
E	92.0"
F	93.0"
G	1.75"

HI-DEVIATION

Omega Completion Technology Ltd
 Omega House
 Kirkhill Road
 Kirkhill Industrial Estate
 Dyce
 Aberdeen
 AB21 0GQ
 Tel: +44 (0)1224 772744
 Fax: +44 (0)1224 775667
 Email: info@omega-completion.com
<http://www.omega-completion.com>