


Wireline Jar - Hydraulic

Hunting Hydraulic Wireline Jars are normally situated above a set of mechanical link jars.

They are designed to deliver a controlled upward impact load during wireline operations. The closed hydraulic system within the jar makes it possible for the jarring action to be controlled within a broad range, from a very light impact to one of substantial force.

During normal operations, a controlled pull is applied to the wireline, which lifts the top sub and mandrel upward, while the piston is momentarily held back by the hydraulic fluid. This impeding action allows an adequate pull to be applied on the line to achieve the required jarring intensity. When the piston passes from the cylinder bore into the larger bypass bore, the fluid resistance is reduced, allowing the mandrel to accelerate upwards and strike the middle body insert which conveys the jarring force to the toolstring.

 The closed hydraulic system within the jar makes it possible for the jarring action to be controlled within a broad range, from a very light impact to one of substantial force.

The jar is closed and reset for repeat operation by slacking off toolstring weight, which telescopes the mandrel back into the tool. A spring loaded check valve (valve plug) opens to allow oil to flow through the piston easily as the mandrel moves downwards. A balance piston at the lower end of the middle body is free to move up and down to compensate for the internal volume changes and equalize internal and external pressures as the jar is operated.

Hunting Hydraulic Jars are available in various diameters and are supplied with industry standard pin by box connections complete with fishing necks.



Wireline Operations - Slickline Tools

WIRELINE JAR - HYDRAULIC

Nominal Size	Fishing Neck	Top and Bottom Threads	Part Number
1.250"	1.188"	15/16-10	044JRO125000
1.500"	1.375"	15/16-10	044JRO150000
1.750"	1.750"	1 1/16-10	044JRO175000
2.125"	1.750"	1 1/16-10	044JRO212500
1.250"	1.188"	1-1/4 Halliburton HQC	044JRO125000HQC
1.500"	1.375"	1-1/2 Halliburton HQC	044JRO150000HQC
1.750"	1.750"	1-7/8 Halliburton HQC	044JRO175000HQC
2.125"	1.750"	2-1/2 Halliburton HQC	044JRO212500HQC
1.500"	1.375"	1-1/2 Petroline QLS	QLS-146-1500-001-1-1
1.750"	1.750"	1-7/8 Petroline QLS	QLS-146-1875-001-2-2
2.125"	1.750"	2-1/2 Petroline QLS	QLS-146-2500-001-3-3



Available Connections

