

Dual Action Coiled Tubing Hydraulic Jars



- HIGH IMPACT LOADS
- EASE OF MAINTENANCE
- RELIABLE OPERATION

Description

DTI Dual Action Hydraulic Jars enables repeatable upward or downward jarring blows to the work string. DTI have refined the design of our jars over many years of successful deployments and now feature DTI proprietary Vortex Metering Technology (VMT) for extremely reliable operation.

The field-proven closed and pressure-balanced hydraulic piston meters oil through the DTI proprietary Vortex Metering Technology (VMT) so that a timed pull or push delivers a controlled jarring blow. The amount of tension or compression placed on the coiled tubing is proportional to blow delivered.

The Dual Action Hydraulic Jar is simple to operate and to redress. No calibration is necessary.

Deployment and Operation

- The Dual Acting Hydraulic Jar should be placed as close to the required point of impact as possible.
- The DTI Dual Acting Hydraulic Accelerator or the DTI Dual Acting Spring Accelerator should be positioned above the Jar in the tool string.
- The Accelerator is highly recommended especially when operating at shallow depths where the stretch in the coiled tubing may not be sufficient to provide the maximum efficiency of transfer of energy to the jar.

<h3>Features & Benefits</h3>	<ul style="list-style-type: none">▪ Enables repeatable upward and downward impacts.▪ Designed for ease of use and redress.▪ Pressure balanced metering system.▪ Proprietary Vortex Metering Technology (VMT)▪ Consistent activation times across a range of operating conditions and temperatures.▪ VMT reduces wear on and damage on critical parts.▪ Supported by matching spring or hydraulic accelerator.
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Optional Equipment

- Dual Action Coiled Tubing Spring Accelerator
- Dual Action Coiled Tubing Hydraulic Accelerator
- Lower Disconnect
- DTI Test Beam for Jars and Impact Tools



Part Number	Outside Diameter	Inside Diameter	Length	Stroke	Firing Load (LBS)	Min. Tensile Yield (lbs)	Min. Torsional Yield (ft.lbs)
HCJX169AD08-4	1.688"	0.56"	57.5"	12"	0-10,000	39,000	355
HCJX212AD09-4	2.125"	0.75"	57.8"	12"	0-15,000	100,000	620
HCJX288AD23-4	2.875"	1.00"	56.5"	12"	0-22,000	198,000	2100

We offer optional equipment, alternative sizes, materials and thread connections.
Please contact us for more information.