

ENERGIZER INTENSIFIER™

ACCELERATION TOOL & WIRELINE SHOCK ABSORBER

Like two tools in one, the patented Impact Selector, Inc. fully mechanical Energizer Intensifier can function as an acceleration tool or as a shock absorption device, depending on where it is positioned in the tool string.

ACCELERATION TOOL

The ISI Energizer Intensifier can be used as a wireline stretch simulator device when used in conjunction with an ISI Mechanical Jar.

When installed above the Impact Tool, the Energizer Intensifier stores line tension energy and significantly enhances the performance of the jar.

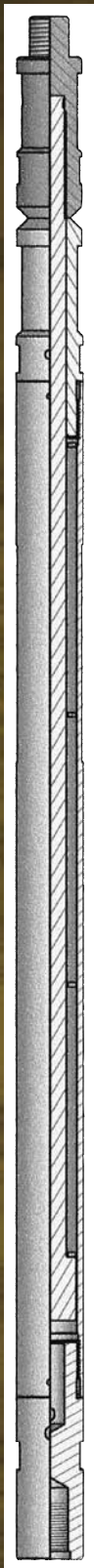
The ISI Energizer Intensifier utilizes unique Belleville spring washers to provide the kinetic energy required to operate the tool. The Belleville spring washers provide a significantly greater force than a conventional coiled spring assembly, while occupying a much smaller area. This results in a more powerful and compact tool.

Energizer Intensifiers are available in two sizes, 1 $\frac{1}{16}$ " and 1 $\frac{3}{16}$ ", with Tension Ranges from 200 lbs to 2,000 lbs.

SHOCK ABSORBER

The ISI Energizer Intensifier can be used as a shock absorber to dampen the shock transmitted to sensitive downhole tools or tools used in shallow wells.

When positioned below the rope socket, the Energizer Intensifier provides highly effective shock absorption to help prevent tool or wire damage while improving efficiency.



Diameter:	1-9/16" (1.562")	1-13/16" (1.812")
Pin/Box:	5/8" SR (15/16")	3/4" SR (1-1/16")
Fishing Neck:	1-3/8"	1-3/4"
Length, Retracted:	37-1/8"	43-1/4"
Length, Extended:	44-1/8"	50-1/4"
Tension Range:	200 to 1,400 pounds	200 to 2,000 pounds



IMPACT SELECTOR, INC.

REDUCE THE RISK

**ISI: WHERE
ADVANCED
TECHNOLOGY AND
RESPONSIVE
SERVICE COME
TOGETHER TO
REDUCE THE RISK**

When you do business with ISI, we think you'll find the difference striking. Because at Impact Selector, we place as much emphasis on providing consistently superior customer service as we do on making the best-performing, most technologically advanced impact tools on the market.

Whereas some companies offer little more than drop-off renting and leasing, we offer a full slate of services to ensure that our customers derive the utmost in safety, productivity, cost-efficiency, and added value from our products. Our services include application assistance, training, and on-site demonstration and supervision.

Our quality-assurance (QA) program includes carefully inspecting, black-light testing, and refurbishing every tool as needed to make sure it's in prime condition for its next assignment. And with ISI you'll never encounter any "hidden extras" in the bottom line.

IMPACT SELECTOR, INC.

CORPORATE OFFICES
ROCKWALL (DALLAS), TX
972-772-5680

DISTRICT OFFICE
HOUMA, LA
985-868-2611

DISTRICT OFFICE
STAFFORD (HOUSTON), TX
281-980-3371

WWW.IMPACTSELECTOR.COM

**OTHER HIGH-PERFORMANCE
IMPACT TOOLS FROM ISI**

XCalibur™. The first and only cased-hole mechanical wireline jar offering in-the-string-adjustability plus the dual-purpose versatility of an e-line jar and a slickline jar in one. This patent-pending jar is ideal for logging, perforating, pipe recovery, and P&A under adverse conditions. Pre-set from a low of 300 pounds to a maximum of 1,400+ pounds, with a 6-3/16 inch stroke.

Blockbuster™. Extra-high impact capability for ultra-demanding cased-hole operations, including intensive fishing, with solid or braided wirelines. Provides a 6-1/2 inch stroke. Pre-set from a low of 150 pounds to a maximum of 3,200 pounds for a potential 25,000+ pounds of impact force down hole. Patent pending.

Impactor EL™. Using patented Impact Selector technology, this jar is ideal for perforators, chemical cutters, jet-cutting tools, and other equipment prone to getting hung up down hole. Conducts 300 volts at 400 mA without losing continuity. Provides a 5-inch stroke; pre-set from a low of 550 pounds to a maximum of 800 pounds.

Impactor SL™. An outstanding choice for general fishing and plug-pulling service. Featuring patented ISI technology, this jar provides a 5-inch to 7-inch stroke. Surface adjustable from 250 to 1,400 pounds.

Multi-Stage (MIT) Wireline™. Patented ISI multi-stage impact performance especially suited for use with ultra-sensitive logging tools. Compatible with all connections. Provides multiple 7-inch strokes; delivers incremental pre-sets from a low of 800 pounds to a maximum of 1,800 pounds.

Open-Hole MCT™. The world's first multi-conductor, all-mechanical open-hole jarring tool. Uses patented technology to eliminate costly "stripover" downtime and reduce the need for pipe conveyance or logging while drilling. Helps overcome tool-string differential sticking and increases the string's ability to function in deviated holes. Provides a stroke length of 7-1/2 inches. This proven tool has been endurance-tested at 30,000 psi and 500 degrees F.



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