

Teledyne Bolt

Worldwide Leader in Seismic Sources

LL
Long Life Seismic Source



Teledyne Bolt

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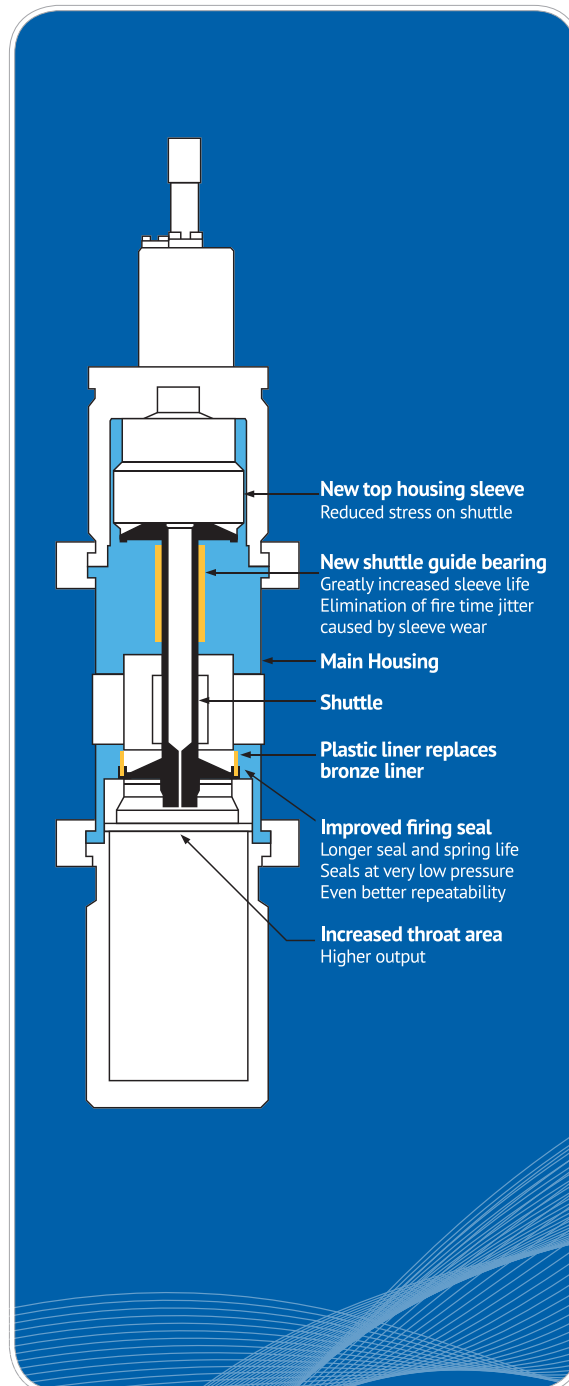
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A Teledyne Marine Company

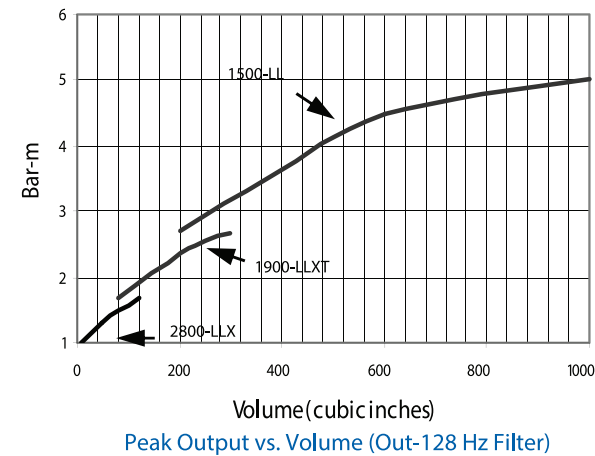


Long-Life Technology Solution

For more than 20 years the Bolt Long-Life Sources have been the workhorse of the seismic industry. The Long-Life Sources are designed as a stable, trouble-free, low maintenance energy source that produce high acoustic output.



The following graph illustrates peak output vs. chamber volume for Bolt Long-Life Sources 0 -128 Hz (filter).



The Long-Life Source is available in three models spanning volumes from 5 in³ to 2,000 in³.

2800-LLX

The 2800-LLX Source is designed for volumes ranging from 5 in³ to 120 in³. The source is very light weight, and is ideally suited for shallow water source vessels with limited deck space. For maximum energy output, it can easily be configured in 2-gun and 3-gun cluster elements.



2800-LLX Source

1900-LLXT

The 1900-LLXT Source is designed for volumes ranging from 10 in³ to 250 in³. The source is extremely versatile, and is sufficiently light-weight for shallow draught vessels while powerful enough for blue water seismic surveys.



1900-LLXT Source

1500-LL

Due to its large throat area, the 1500-LL Source is capable of generating very high peak output with excellent low frequency content associated with large chamber volumes. Using heavy-duty cluster spreader bars, it is possible to configure cluster elements in excess of 1,000 in³ without sacrificing peak output.

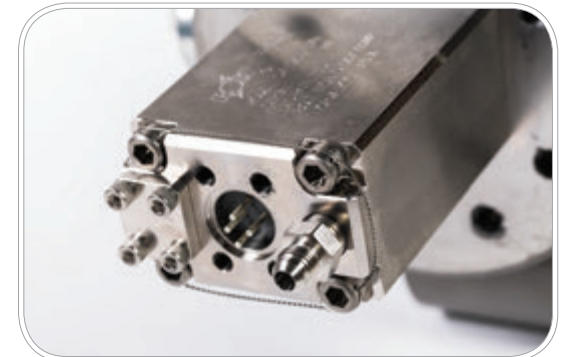


1500-LL Source

The 1500-LL Source produces the highest peak output over the largest range of chamber volumes. The gun can be configured with chamber volumes ranging in size from 70 in³ to 2,000 in³. Large chamber sizes require heavy duty towing frames to withstand the shock generated by the gun.

Firing Control

Bolt offers the most advanced firing control mechanisms in the Industry. From clean time-break signatures to advanced distributed control and QC, Bolt has a solution for you.



Smart Source