



# DINGHY DART LAUNCHER™

The Citadel Casing Solutions in-house engineered DINGHY DART LAUNCHER™ cement head is the fastest and safest way to launch cementing darts/plugs and foam/solid balls. A simpler, faster, and safer alternative to circulating iron manifolds. The DINGHY DART LAUNCHER features a quick connect adapter that requires no threading or hammering to adapt to the drillpipe, tubing, or casing being used. A super compact package that can be transported in the back of a short bed pickup.

SPECIFICATIONS	
Max Working Pressure	10,000 psi
Max Working Tensile <sup>1</sup>	200 tons
Main Bore Flow Area <sup>2</sup>	7.07 in <sup>2</sup>
Bypass Flow Area <sup>2</sup>	4.91 in <sup>2</sup>
Max Main Bore Flow Rate <sup>2</sup>	16 bbl/min
Max Bypass Flow Rate <sup>2</sup>	12 bbl/min
Main Bore ID	3.00 in
Bypass Bore ID	2.50 in
Overall Length <sup>3</sup>	38 in
Overall Weight <sup>3</sup>	325 lb

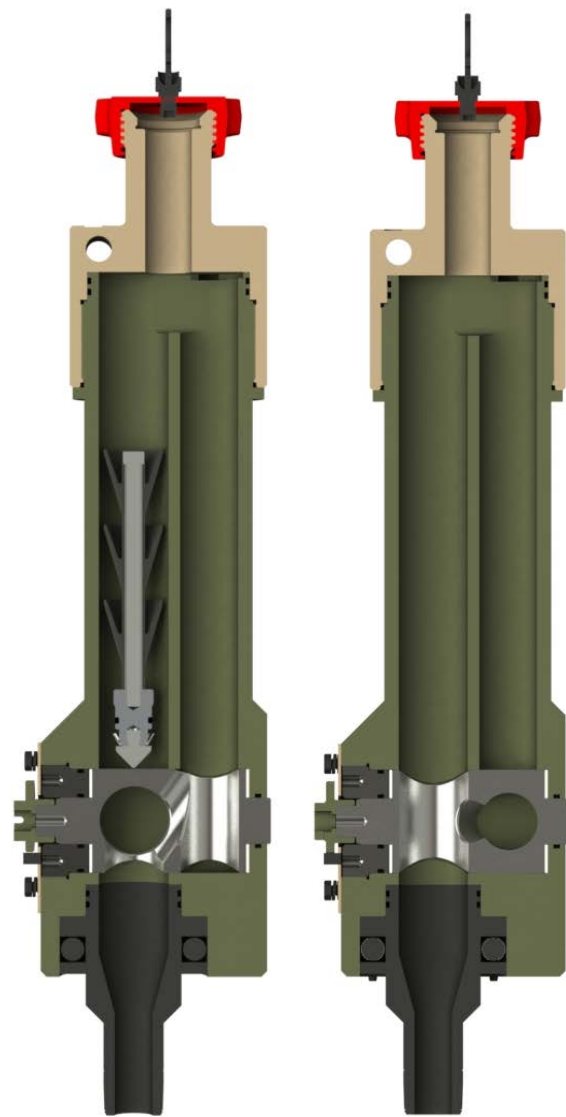
<sup>1</sup>With optional top drive adapter

<sup>2</sup>Flow area/rate may be reduced depending on lower adapter

<sup>3</sup>Lower adapter not included



The DEVGRU team at Citadel Casing Solutions is ready and able to customize the exact solution for your unique operation.



Preloaded Closed Chamber (left); Chamber Open, Dart Launched (right)

For more information, contact Citadel Casing Solutions at:

[info@casingequipment.com](mailto:info@casingequipment.com) or [sales@casingequipment.com](mailto:sales@casingequipment.com)