

GUN SLINGER™

Safe, economical, simple, and reliable

The “Gun Slinger” is a pump-down tool that is used to convey wireline perforating guns into horizontal or highly deviated wells. As pump pressure is applied from the surface, wellbore fluid acts against the pump-down element pushing the BHA. Small ports behind the pump-down element allow fluid to bypass through the bottom of the gun slinger, jetting/washing any debris that lay in the path of the BHA. The small ports also act as a fluid bypass when the BHA is correlated into position or back to surface in the event of a misfire. Once the BHA is correlated into position, the perforating guns are detonated. Percussion plus gun gas pressure force the inner mandrel downward, exposing additional larger ports and allowing the BHA to be pulled out of the well at a rapid speed.

Features

- Safe, economical, simple and reliable
- Optimize horizontal gun pumping efficiency and speed
- Reusable and easy to redress
- Minimize the amount of fluid needed to pump guns down to depth
- Adapts to top sub connections
- After guns are pumped to depth and fired, ports open to allow optimal fluid bypass before pulling out of hole
- Can be pressure tested prior to installation
- Used for snubbing applications in live wells*
- Patent Pending Technology



After guns are pumped to depth and fired, ports open to allow optimal fluid bypass before pulling out of hole.

| Tool O.D. inch (mm) | Top Connection inch (mm) | PD Element O.D. inch (mm) | Casing O.D. inch (mm) | Weight Range lb/ft (kg/m) |
|---------------------------|---------------------------------------|---------------------------------|-----------------------------|---------------------------------|
| 2.750 (69.9) | 2-3/8 - 6 PITCH ACME BOX (60.3) | 3.300 (83.8) | 4.000 (101.6) | 9.50-11.00 (14.1-16.4) |
| | | 3.625 (92.1) | 4.500 (114.3) | 9.50-17.10 (14.1-25.4) |
| | | 3.750 (95.3) | | 9.50-13.5 (14.1-20.1) |
| | | 4.100 (104.1) | 5.000 (127.0) | 11.50-18.00 (17.1-26.8) |
| 3.125 (79.5) | 2-3/4 - 6 PITCH ACME BOX (69.9) | 3.750 (95.3) | 4.500 (114.3) | 9.50-13.5 (14.1-20.1) |
| | | 4.000 (101.6) | 5.500 (139.7) | 15.50-23.00 (23.1-34.2) |
| | | 5.875 (149.2) | 7.000 (177.8) | 17.00-32.00 (25.3-47.6) |

Custom O.D.'s available upon request.

| Position of Tool | Fluid Bypass Area |
|--------------------------------------------|--------------------------------------------------------------|
| Closed (RIH, before firing guns) | (4) 3/8" flow ports (.44 in ² total) |
| Open (POOH, after guns have been fired) | (4) 1" + (4) 3/8" flow ports (3.58 in ² total) |

For more information, and to find a representative near you, visit nineenergyservice.com