



Gun Hangers - 3.500" - 9.625" Casing

GEODynamics' Gun Hangers provide an independent means of running and suspending a perforating assembly adjacent to the producing formation. The perforating assembly is run to depth and logged into position. The gun hanger assembly is set by manipulating the drill pipe, wireline, slickline, or coiled tubing. After placing on depth, the running tool is actuated and releases the bottom hole assembly.

After all surface preparations and testing are completed, the well is pressurized, and the guns are detonated. Upon detonation, the perforating guns and gun hanger are automatically dropped into the rathole. The device relies solely on hydraulics to release. No special licensing and shipping of shaped charges or ballistics are required to ship this device to international destinations on short notice.

FEATURES/BENEFITS

- No tubing required between guns and packer
- No intervention work required to drop the assembly
- No restrictions in the casing below the tubing
- Maximum underbalanced pressure can be used
- Multiple deployment methods via drill pipe, wireline, slickline, or coiled tubing
- Multi set/unset capability
- Ideal for monobore completions
- Bottom-mounted hanger assembly is not affected by perforating debris (top-mounted hangers can get stuck when underbalance carries debris uphole during perforation)
- Can be used with both hydraulic and electronic firing systems
- Not affected by electrical sources or radio frequencies—radio silence not required



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SPECIFICATIONS

Assembly P/N	TC-GH350-0000	TC-GH450-0000	TC-GH550-0000
Casing Size	3.500"	4.500"	5.500"
Maximum Tool OD	2.78 in / 71 mm	3.77 in / 96 mm	4.50 in / 114 mm
Overall Tool Length	45.17 in / 114.7 cm	61.97 in / 157.4 cm	61.97 in / 157.4 cm
Calculated Tensile	60,000 lbs / 267 kN	125,000 lbs / 556 kN	125,000 lbs / 556 kN
Minimum Gun Weight	500 lbs / 227 kg	500 lbs / 227 kg	1,000 lbs / 454 kg
Maximum Gun Weight	25,000 lbs / 11,340 kg	35,000 lbs / 15,876 kg	40,000 lbs / 18,144 kg
Collapse Rating	20,000 psi / 138 MPa	20,000 psi / 138 MPa	20,000 psi / 138 MPa
Thread Connection (UH, Box)	2" 8 STUB ACME	2-3/4" 6 ACME	2-3/4" 6 ACME
Thread Connection (DH, Pin)	1" 8 STUB ACME	2-3/8" NU 10 RD	2-3/8" NU 10 RD

Assembly P/N	TC-GH700-0000	TC-GH962-0000
Casing Size	7.000"	9.625"
Maximum Tool OD	5.50 in / 139.7 mm	8.13 in / 207 mm
Overall Tool Length	61.97 in / 157.4 cm	78.92 in / 200.5 cm
Calculated Tensile	125,000 lbs / 556 kN	200,000 lbs / 889 kN
Minimum Gun Weight	1,000 lbs / 454 kg	1,000 lbs / 454 kg
Maximum Gun Weight	50,000 lbs / 22,680 kg	75,000 lbs / 34,019 kg
Collapse Rating	20,000 psi / 138 MPa	20,000 psi / 138 MPa
Thread Connection (UH, Box)	2-3/4" 6 ACME	2-3/4" 6 ACME
Thread Connection (DH, Pin)	2-3/8" NU 10 RD	4-1/2" 8 RD LTC

