

Perforating Roller Bogie®

Provides friction reduction for perforating tools in cased-hole

Applications

- Cased-hole

Features and Benefits

- Reaches extended depths and higher deviations without need for costly services such as coiled tubing or wireline tractors
- Deploys longer perforating guns in deviated wells
- Protects high value equipment from frictional wear
- Improves cable management by reducing erratic loading
- Ability to be positioned in between, above, and below perforating guns to gain optimized friction reduction through the whole string, withstands the shock with no impact to conveyance

Tool Description

The Weatherford Perforating Roller Bogie is designed to work in perforating operations in conjunction with mono-conductor and Guide Roller Bogies to create a complete roller system and are used in most electric line ballistic operations.

Roller Bogie tools reduce frictional resistance and enable access to high deviations at inclinations up to 87° and at depths in excess of 25,000 ft (7,620 m).

Perforating Roller Bogie tools are installed between gun sections with conventional detonating cord feedthroughs to ensure reliable ballistic transfer. The complete string is lifted on to highly efficient rollers, eliminating contact friction and allowing easier and deeper wellbore access.

The roller body rotates freely around the mandrel which is connected to the host tool string. The unique body shape ensures the rollers are at all times oriented to the low side of the tubing. A field replaceable ballistic mandrel protects the tool from the gun detonation, reducing cost and enabling fast redress between runs.

Perforating Roller Bogie tools are available in a wide range of sizes to pass through most wellbore restrictions and can be ordered with a choice of connection types to suit individual gun system requirements, including profiled bullnose guides to run at the bottom of wireline toolstrings.



Perforating Roller Bogie®

Specifications

Size	Weight	Length	Tubing Nominal Size	Max Tool String OD Conveyed
2.500 in. (63.500 mm)	11 lb (4.9 kg)	16 in. (406.400 mm)	3.500 in. (88.900 mm)	2.125 in. (53.975 mm)
2.600 in. (66.040 mm)				2.250 in. (57.150 mm)
3.350 in. (85.090 mm)	31 lb (14.0 kg)	22 in. (558.800 mm)	4.500 in. (114.300 mm)	3.000 in. (76.200 mm)
3.600 in. (91.440 mm)	33 lb (14.9 kg)	23 in. (584.200 mm)		3.125 in. (79.375 mm)
3.950 in. (100.330 mm)	50 lb (22.6 kg)			3.500 in. (88.900 mm)
4.100 in. (104.140 mm)	51 lb (23.1 kg)	20 in. (508.000 mm)	5.000 in. (127.000 mm)	3.625 in. (92.075 mm)
5.500 in. (139.700 mm)	103 lb (46.7 kg)	28 in. (711.200 mm)	7.000 in. (177.800 mm)	5.000 in. (127.000 mm)
5.800 in. (147.320 mm)	89 lb (40.3 kg)			

Service Type: Standard, Sour, or Severe Sour Service available

Connection Type: Connections available to suit customer specifications

